

Pilehrood, MK, Atashi, A, Sadeghi-Aliabadi, H, Nousiainen, P & Harlin, A 2016, '3D micro-nano structured hybrid scaffolds: An investigation into the role of nanofiber coating on viability, proliferation and differentiation of seeded mesenchymal stem cells', *Journal Nanoscience and Nanotechnology*, Vuosikerta. 16, Nro 9, Sivut 9000-9007. <https://doi.org/10.1166/jnn.2016.12740>

Wani, OM, Schenning, APHJ & Priimagi, A 2020, 'A bifacial colour-tunable system via combination of a cholesteric liquid crystal network and hydrogel', *Journal of Materials Chemistry C*, Vuosikerta. 8, Nro 30, Sivut 10191-10196. <https://doi.org/10.1039/d0tc02189j>

Tienaho, J, Poikulainen, E, Sarjala, T, Muilu-Mäkelä, R, Santala, V & Karp, M 2018, 'A Bioscreening Technique for Ultraviolet Irradiation Protective Natural Substances', *Photochemistry and Photobiology*, Vuosikerta. 94, Nro 6, Sivut 1273-1280. <https://doi.org/10.1111/php.12954>

Melcr, J, Martinez-Seara, H, Nencini, R, Kolafa, J, Jungwirth, P & Ollila, OHS 2018, 'Accurate Binding of Sodium and Calcium to a POPC Bilayer by Effective Inclusion of Electronic Polarization', *Journal of Physical Chemistry B*, Vuosikerta. 122, Nro 16, Sivut 4546-4557. <https://doi.org/10.1021/acs.jpcc.7b12510>

Mason, PE, Wernersson, E & Jungwirth, P 2012, 'Accurate description of aqueous carbonate ions: An effective polarization model verified by neutron scattering', *Journal of Physical Chemistry Part B*, Vuosikerta. 116, Nro 28, Sivut 8145-8153. <https://doi.org/10.1021/jp3008267>

Kohagen, M, Mason, PE & Jungwirth, P 2014, 'Accurate description of calcium solvation in concentrated aqueous solutions', *Journal of Physical Chemistry Part B*, Vuosikerta. 118, Nro 28, Sivut 7902-7909. <https://doi.org/10.1021/jp5005693>

Zhou, K, Dichlberger, A, Martinez-Seara, H, Nyholm, TKM, Li, S, Kim, YA, Vattulainen, I, Ikonen, E & Blom, T 2018, 'A Ceramide-Regulated Element in the Late Endosomal Protein LAPT4B Controls Amino Acid Transporter Interaction', *ACS Central Science*, Vuosikerta. 4, Nro 5, Sivut 548-558. <https://doi.org/10.1021/acscentsci.7b00582>

Rantala, TS, Lantto, V & Rantala, TT 1994, 'A cluster approach for the SnO₂ (110) face', *Sensors and Actuators B: Chemical*, Vuosikerta. 19, Nro 1-3, Sivut 716-719. [https://doi.org/10.1016/0925-4005\(93\)01220-X](https://doi.org/10.1016/0925-4005(93)01220-X)

Kulig, W & Agmon, N 2013, 'A 'clusters-in-liquid' method for calculating infrared spectra identifies the proton-transfer mode in acidic aqueous solutions', *Nature Chemistry*, Vuosikerta. 5, Nro 1, Sivut 29-35. <https://doi.org/10.1038/nchem.1503>

Nieminen, V, Karjalainen, M, Salminen, K, Rantala, J, Kontunen, A, Isokoski, P, Müller, P, Kallio, P, Surakka, V & Lekkala, J 2018, 'A compact olfactometer for IMS measurements and testing human perception', *International Journal for Ion Mobility Spectrometry*, Vuosikerta. 21, Nro 3, Sivut 71-80. <https://doi.org/10.1007/s12127-018-0235-1>

Mettänen, M & Hirn, U 2015, 'A comparison of five optical surface topography measurement methods', *TAPPI Journal*, Vuosikerta. 14, Nro 1, Sivut 27-38.

Mylläri, V, Ruoko, T-P & Syrjälä, S 2015, 'A comparison of rheology and FTIR in the study of polypropylene and polystyrene photodegradation', *Journal of Applied Polymer Science*, Vuosikerta. 132, Nro 28, 42246. <https://doi.org/10.1002/app.42246>

Holmstedt, S & Candeias, NR 2020, 'A concise synthesis of carbasugars isolated from *Streptomyces lincolnensis*', *Tetrahedron*. <https://doi.org/10.1016/j.tet.2020.131346>

Pirhonen, M, Peltokangas, M & Vehkaoja, A 2018, 'Acquiring respiration rate from photoplethysmographic signal by recursive bayesian tracking of intrinsic modes in time-frequency spectra', *Sensors*, Vuosikerta. 18, Nro 6, 1693. <https://doi.org/10.3390/s18061693>

Arvani, M, Keskinen, J, Railanmaa, A, Siljander, S, Björkqvist, T, Tuukkanen, S & Lupo, D 2020, 'Additive manufacturing of monolithic supercapacitors with biopolymer separator', *Journal of Applied Electrochemistry*, Vuosikerta. 50, Nro 6, Sivut 689-697. <https://doi.org/10.1007/s10800-020-01423-2>

Doddapaneni, TRKC, Jain, R, Praveenkumar, R, Rintala, J, Romar, H & Konttinen, J 2018, 'Adsorption of furfural from torrefaction condensate using torrefied biomass', *Chemical Engineering Journal*, Vuosikerta. 334, Sivut 558-568. <https://doi.org/10.1016/j.cej.2017.10.053>

McManamon, C, O'Connell, J, Delaney, P, Rasappa, S, Holmes, JD & Morris, MA 2015, 'A facile route to synthesis of S-doped TiO₂ nanoparticles for photocatalytic activity', *Journal of Molecular Catalysis A: Chemical*, Vuosikerta. 406, Sivut 51-57. <https://doi.org/10.1016/j.molcata.2015.05.002>

Bardhan, JP, Jungwirth, P & Makowski, L 2012, 'Affine-response model of molecular solvation of ions: Accurate predictions of asymmetric charging free energies', *Journal of Chemical Physics*, Vuosikerta. 137, Nro 12, 124101. <https://doi.org/10.1063/1.4752735>

Rantala, TT, Rosén, A & Helsing, B 1986, 'A finite cluster approach to the electron-hole pair damping of the adsorbate vibration: CO adsorbed on Cu(100)', *Journal of Electron Spectroscopy and Related Phenomena*, Vuosikerta. 39, Nro C, Sivut 173-181. [https://doi.org/10.1016/0368-2048\(86\)85045-9](https://doi.org/10.1016/0368-2048(86)85045-9)

Rantala, TT, Rosén, A & Helsing, B 1986, 'A Finite Cluster Approach to the Electron-Hole Pair Damping of the Adsorbate Vibration: CO Adsorbed on Cu(100)', *Studies in Surface Science and Catalysis*, Vuosikerta. 26, Nro C, Sivut 173-181. [https://doi.org/10.1016/S0167-2991\(09\)61238-6](https://doi.org/10.1016/S0167-2991(09)61238-6)

Wang, J & Ray, AK 2014, 'A full-potential linearized augmented plane wave study of the interaction of CO₂ with α -Pu (020) surface nanolayers', *Journal of Computational and Theoretical Nanoscience*, Vuosikerta. 11, Nro 7, Sivut 1710-1717. <https://doi.org/10.1166/jctn.2014.3555>

Lee, TY, Ramasamy, P, Oh, YK, Lee, K & Kim, SH 2016, 'Alginate microgels created by selective coalescence between core drops paired with an ultrathin shell', *Journal of Materials Chemistry B*, Vuosikerta. 4, Nro 19, Sivut 3232-3238. <https://doi.org/10.1039/c6tb00580b>

Kerst, T, Malmbeck, R, Ial Banik, NL & Toivonen, J 2019, 'Alpha radiation-induced luminescence by am-241 in aqueous nitric acid solution', *Sensors (Switzerland)*, Vuosikerta. 19, Nro 7, 1602. <https://doi.org/10.3390/s19071602>

Ali-Löytty, H, Louie, MW, Singh, MR, Li, L, Sanchez Casalongue, HG, Ogasawara, H, Crumlin, EJ, Liu, Z, Bell, AT, Nilsson, A & Friebel, D 2016, 'Ambient-Pressure XPS Study of a Ni-Fe Electrocatalyst for the Oxygen Evolution Reaction', *Journal of Physical Chemistry C*, Vuosikerta. 120, Nro 4, Sivut 2247-2253. <https://doi.org/10.1021/acs.jpcc.5b10931>

Enkavi, G, Li, J, Wen, P, Thangapandian, S, Moradi, M, Jiang, T, Han, W & Tajkhorshid, E 2014, 'A microscopic view of the mechanisms of active transport across the cellular membrane', *Annual Reports in Computational Chemistry*, Vuosikerta. 10, Sivut 77-125. <https://doi.org/10.1016/B978-0-444-63378-1.00004-5>

Rimpiläinen, T, Andrade, J, Nunes, A, Ntungwe, E, Fernandes, AS, Vale, JR, Rodrigues, J, Gomes, JP, Rijo, P & Candeias, NR 2018, 'Aminobenzylated 4-Nitrophenols as Antibacterial Agents Obtained from 5-Nitrosalicylaldehyde through a Petasis Borono-Mannich Reaction', *ACS Omega*, Vuosikerta. 3, Nro 11, Sivut 16191-16202. <https://doi.org/10.1021/acsomega.8b02381>

Pelkonen, A, Mzezewa, R, Sukki, L, Ryyänen, T, Kreutzer, J, Hyvärinen, T, Vinogradov, A, Aarnos, L, Lekkala, J, Kallio, P & Narkilahti, S 2020, 'A modular brain-on-a-chip for modelling epileptic seizures with functionally connected human neuronal networks', *Biosensors and Bioelectronics*, Vuosikerta. 168, 112553. <https://doi.org/10.1016/j.bios.2020.112553>

Mehrang, S, Pietilä, J & Korhonen, I 2018, 'An activity recognition framework deploying the random forest classifier and a single optical heart rate monitoring and triaxial accelerometer wrist-band', *Sensors*, Vuosikerta. 18, Nro 2, 613. <https://doi.org/10.3390/s18020613>

Häkkinen, MR, Roine, A, Auriola, S, Tuokko, A, Veskimäe, E, Keinänen, TA, Lehtimäki, T, Oksala, N & Vepsäläinen, J 2013, 'Analysis of free, mono- and diacetylated polyamines from human urine by LC-MS/MS', *JOURNAL OF CHROMATOGRAPHY B: ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES*, Vuosikerta. 941, Sivut 81-89. <https://doi.org/10.1016/j.jchromb.2013.10.009>

Puustinen, J, Hilska, J & Guina, M 2019, 'Analysis of GaAsBi growth regimes in high resolution with respect to As/Ga ratio using stationary MBE growth', *Journal of Crystal Growth*, Vuosikerta. 511, Sivut 33-41. <https://doi.org/10.1016/j.jcrysgro.2019.01.010>

Sariola, V 2019, 'Analytical Expressions for Spring Constants of Capillary Bridges and Snap-in Forces of Hydrophobic Surfaces', *Langmuir*, Vuosikerta. 35, Nro 22, Sivut 7129-7135. <https://doi.org/10.1021/acs.langmuir.9b00152>

Levämäki, H, Tian, L-Y, Vitos, L & Ropo, M 2019, 'An automated algorithm for reliable equation of state fitting of magnetic systems', *Computational Materials Science*, Vuosikerta. 156, Sivut 121-128. <https://doi.org/10.1016/j.commatsci.2018.09.026>

Gilardi, G, Asquini, R, D'Alessandro, A & Assanto, G 2011, 'An electro-optically tunable Bragg reflector based on liquid crystals', *Molecular Crystals and Liquid Crystals*, Vuosikerta. 549, Sivut 62-68. <https://doi.org/10.1080/15421406.2011.581137>

Väyrynen, J, Rantala, TT, Minni, E & Suoninen, E 1983, 'Anomalous Auger-electron spectra of metallic calcium', *Journal of Electron Spectroscopy and Related Phenomena*, Vuosikerta. 31, Nro 3, Sivut 293-305. [https://doi.org/10.1016/0368-2048\(83\)85077-4](https://doi.org/10.1016/0368-2048(83)85077-4)

Das, A, George, JJ, Kutlu, B, Leuteritz, A, Wang, DY, Rooj, S, Jurk, R, Rajeshbabu, R, Stöckelhuber, KW, Galiatsatos, V & Heinrich, G 2012, 'A novel thermotropic elastomer based on highly-filled LDH-SSB composites', *Macromolecular Rapid Communications*, Vuosikerta. 33, Nro 4, Sivut 337-342. <https://doi.org/10.1002/marc.201100735>

Kuroda, K, Yazaki, K, Tanaka, Y, Akita, M, Sakai, H, Hasobe, T, Tkachenko, NV & Yoshizawa, M 2019, 'A Pentacene-based Nanotube Displaying Enriched Electrochemical and Photochemical Activities', *Angewandte Chemie - International Edition*, Vuosikerta. 58, Nro 4, Sivut 1115-1119. <https://doi.org/10.1002/anie.201812976>

Wang, H, Feng, Y, Zhao, H, Fang, Z, Khan, M & Guo, J 2013, 'A potential nonthrombogenic small-diameter vascular scaffold with polyurethane/poly(ethylene glycol) hybrid materials by electrospinning technique', *Journal Nanoscience and Nanotechnology*, Vuosikerta. 13, Nro 2, Sivut 1578-1582. <https://doi.org/10.1166/jnn.2013.6051>

Hukka, JJ & Katko, TS 2015, 'Appropriate pricing policy needed worldwide for improving water services infrastructure', *Journal American Water Works Association*, Vuosikerta. 107, Nro 1, Sivut E37-E46. <https://doi.org/10.5942/jawwa.2015.107.0007>

Vazdar, M, Jungwirth, P & Mason, PE 2013, 'Aqueous guanidinium-carbonate interactions by molecular dynamics and neutron scattering: Relevance to ion-protein interactions', *Journal of Physical Chemistry Part B*, Vuosikerta. 117, Nro 6, Sivut 1844-1848. <https://doi.org/10.1021/jp310719g>

Kovács, PT, Zare, A, Balogh, T, Bregovic, R & Gotchev, A 2017, 'Architectures and codecs for real-time light field streaming', *Journal of Imaging Science and Technology*, Vuosikerta. 61, Nro 1, 010403. <https://doi.org/10.2352/J.ImagingSci.Technol.2017.61.1.010403>

Gladich, I, Pflanzgraff, W, Maršálek, O, Jungwirth, P, Roeselová, M & Neshyba, S 2011, 'Arrhenius analysis of anisotropic surface self-diffusion on the prismatic facet of ice', *Physical Chemistry Chemical Physics*, Vuosikerta. 13, Nro 44, Sivut 19960-19969. <https://doi.org/10.1039/c1cp22238d>

Wang, X, Vapaavuori, J, Zhao, Y & Bazuin, CG 2014, 'A supramolecular approach to photoresponsive thermo/solvoplastic block copolymer elastomers', *Macromolecules*, Vuosikerta. 47, Nro 20, Sivut 7099-7108. <https://doi.org/10.1021/ma501278b>

Santos, FMF, Rosa, JN, Candeias, NR, Carvalho, CP, Matos, AI, Ventura, AE, Florindo, HF, Silva, LC, Pischel, U & Gois, PMP 2016, 'A Three-Component Assembly Promoted by Boronic Acids Delivers a Modular Fluorophore Platform (BASHY Dyes)', *Chemistry: A European Journal*, Vuosikerta. 22, Nro 5, Sivut 1631-1637. <https://doi.org/10.1002/chem.201503943>

Moradi, M, Enkavi, G & Tajkhorshid, E 2015, 'Atomic-level characterization of transport cycle thermodynamics in the glycerol-3-phosphate: Phosphate antiporter', *Nature Communications*, Vuosikerta. 6, 8393. <https://doi.org/10.1038/ncomms9393>

Mahimwalla, Z, Yager, KG, Mamiya, JI, Shishido, A, Priimagi, A & Barrett, CJ 2012, 'Azobenzene photomechanics: Prospects and potential applications', *Polymer Bulletin*, Vuosikerta. 69, Nro 8, Sivut 967-1006. <https://doi.org/10.1007/s00289-012-0792-0>

Priimagi, A & Shevchenko, A 2014, 'Azopolymer-based micro- and nanopatterning for photonic applications', *Journal of Polymer Science. Part B, Polymer Physics*, Vuosikerta. 52, Nro 3, Sivut 163-182. <https://doi.org/10.1002/polb.23390>

Molnar, W, Nugent, S, Lindroos, M, Apostol, M & Varga, M 2015, 'Ballistic and numerical simulation of impacting goods on conveyor belt rubber', *Polymer Testing*, Vuosikerta. 42, Sivut 1-7. <https://doi.org/10.1016/j.polymeresting.2014.12.001>

Pakarinen, O, Lehtomäki, A & Rintala, J 2008, 'Batch dark fermentative hydrogen production from grass silage: The effect of inoculum, pH, temperature and VS ratio', *International Journal of Hydrogen Energy*, Vuosikerta. 33, Nro 2, Sivut 594-601. <https://doi.org/10.1016/j.ijhydene.2007.10.008>

Schraik, D, Varvia, P, Korhonen, L & Rautiainen, M 2019, 'Bayesian inversion of a forest reflectance model using Sentinel-2 and Landsat 8 satellite images', *JOURNAL OF QUANTITATIVE SPECTROSCOPY AND RADIATIVE TRANSFER*, Vuosikerta. 233, Sivut 1-12. <https://doi.org/10.1016/j.jqsrt.2019.05.013>

Perumbilavil, S, Piccardi, A, Barboza, R, Buchnev, O, Kauranen, M, Strangi, G & Assanto, G 2018, 'Beaming random lasers with soliton control', *Nature Communications*, Vuosikerta. 9, Nro 1, 3863. <https://doi.org/10.1038/s41467-018-06170-9>

Vazdar, M, Jurkiewicz, P, Hof, M, Jungwirth, P & Cwiklik, L 2012, 'Behavior of 4-hydroxynonenal in phospholipid membranes', *Journal of Physical Chemistry Part B*, Vuosikerta. 116, Nro 22, Sivut 6411-6415. <https://doi.org/10.1021/jp3044219>

Poojari, C, Wilkosz, N, Lira, RB, Dimova, R, Jurkiewicz, P, Petka, R, Kepczynski, M & Róg, T 2019, 'Behavior of the DPH fluorescence probe in membranes perturbed by drugs', *Chemistry and Physics of Lipids*, Vuosikerta. 223, 104784. <https://doi.org/10.1016/j.chemphyslip.2019.104784>

Jagoda-Cwiklik, B, Cwiklik, L & Jungwirth, P 2011, 'Behavior of the eigen form of hydronium at the air/water interface', *Journal of Physical Chemistry A*, Vuosikerta. 115, Nro 23, Sivut 5881-5886. <https://doi.org/10.1021/jp110078s>

Miller, AE, Petersen, PB, Hollars, CW, Saykally, RJ, Heyda, J & Jungwirth, P 2011, 'Behavior of β -amyloid 1-16 at the air-water interface at varying pH by nonlinear spectroscopy and molecular dynamics simulations', *Journal of Physical Chemistry A*, Vuosikerta. 115, Nro 23, Sivut 5873-5880. <https://doi.org/10.1021/jp110103j>

Siiskonen, A & Priimägi, A 2017, 'Benchmarking DFT methods with small basis sets for the calculation of halogen-bond strengths', *Journal of Molecular Modeling*, Vuosikerta. 23, Nro 2, 50. <https://doi.org/10.1007/s00894-017-3212-4>

Ferreira, SA, Motwani, MS, Faull, PA, Seymour, AJ, Yu, TTL, Enayati, M, Taheem, DK, Salzlechner, C, Haghighi, T, Kania, EM, Oommen, OP, Ahmed, T, Loaiza, S, Parzych, K, Dazzi, F, Varghese, OP, Festy, F, Grigoriadis, AE, Auner, HW, Snijders, AP, Bozec, L & Gentleman, E 2018, 'Bi-directional cell-pericellular matrix interactions direct stem cell fate',

Nature Communications, Vuosikerta. 9, Nro 1, 4049. <https://doi.org/10.1038/s41467-018-06183-4>

Kekonen, A, Bergelin, M, Johansson, M, Kumar Joon, N, Bobacka, J & Viik, J 2019, 'Bioimpedance Sensor Array for Long-Term Monitoring of Wound Healing from Beneath the Primary Dressings and Controlled Formation of H₂O₂ Using Low-Intensity Direct Current', *Sensors*, Vuosikerta. 19, Nro 11. <https://doi.org/10.3390/s19112505>

Tan, LC, Nancharaiah, YV, Lu, S, van Hullebusch, ED, Gerlach, R & Lens, PNL 2018, 'Biological treatment of selenium-laden wastewater containing nitrate and sulfate in an upflow anaerobic sludge bed reactor at pH 5.0', *Chemosphere*, Vuosikerta. 211, Sivut 684-693. <https://doi.org/10.1016/j.chemosphere.2018.07.079>

Gao, W, Feng, Y, Lu, J, Khan, M & Guo, J 2012, 'Biomimetic surface modification of polycarbonateurethane film via phosphorylcholine-graft for resisting platelet adhesion', *Macromolecular Research*, Vuosikerta. 20, Nro 10, Sivut 1063-1069. <https://doi.org/10.1007/s13233-012-0152-9>

Pale, V, Nikkonen, T, Vapaavuori, J, Kostianen, M, Kavakka, J, Selin, J, Tittonen, I & Helaja, J 2013, 'Biomimetic zinc chlorin-poly(4-vinylpyridine) assemblies: Doping level dependent emission-absorption regimes', *Journal of Materials Chemistry C*, Vuosikerta. 1, Nro 11, Sivut 2166-2173. <https://doi.org/10.1039/c3tc00499f>

Raghuwanshi, S, Deswal, D, Karp, M & Kuhad, RC 2014, 'Bioprocessing of enhanced cellulase production from a mutant of *Trichoderma asperellum* RCK2011 and its application in hydrolysis of cellulose', *Fuel*, Vuosikerta. 124, Sivut 183-189. <https://doi.org/10.1016/j.fuel.2014.01.107>

Borah, D, Rasappa, S, Senthamarakannan, R, Holmes, JD & Morris, MA 2015, 'Block co-polymers for nanolithography: Rapid microwave annealing for pattern formation on substrates', *Polymers*, Vuosikerta. 7, Nro 4, Sivut 592-609. <https://doi.org/10.3390/polym7040592>

Kulig, W & Agmon, N 2014, 'Both zundel and eigen isomers contribute to the IR spectrum of the gas-phase H₉O₄ + cluster', *Journal of Physical Chemistry Part B*, Vuosikerta. 118, Nro 1, Sivut 278-286. <https://doi.org/10.1021/jp410446d>

Taimoory, SM, Twum, K, Dashti, M, Pan, F, Lahtinen, M, Rissanen, K, Puttreddy, R, Trant, JF & Beyeh, NK 2020, 'Bringing a Molecular Plus One: Synergistic Binding Creates Guest-Mediated Three-Component Complexes', *Journal of Organic Chemistry*, Vuosikerta. 85, Nro 9, Sivut 5884-5894. <https://doi.org/10.1021/acs.joc.0c00220>

Garifullin, M, Sinelnikov, A, Bronzova, M, Kovacic, B & Kamnik, R 2016, 'Buckling Behavior of Cold-Formed Studs with Thermal Perforations', *MATEC Web of Conferences*, Vuosikerta. 73, 04011. <https://doi.org/10.1051/mateconf/20167304011>

Bilkova, E, Pleskot, R, Rissanen, S, Sun, S, Czogalla, A, Cwiklik, L, Róg, T, Vattulainen, I, Cremer, PS, Jungwirth, P & Coskun, Ü 2017, 'Calcium Directly Regulates Phosphatidylinositol 4,5-Bisphosphate Headgroup Conformation and Recognition', *Journal of the American Chemical Society*, Vuosikerta. 139, Nro 11, Sivut 4019-4024. <https://doi.org/10.1021/jacs.6b11760>

Lesot, P, Merlet, D, Courtieu, J, Emsley, JW, Rantala, TT & Jokisaari, J 1997, 'Calculation of the molecular ordering parameters of (±)-3-butyn-2-ol dissolved in an organic solution of poly(γ-benzyl-L-glutamate)', *Journal of Physical Chemistry A*, Vuosikerta. 101, Nro 31, Sivut 5719-5724. <https://doi.org/10.1021/jp9709262>

Sippola, RJ, Hadipour, A, Kastinen, T, Vivo, P, Hukka, TI, Aernouts, T & Heiskanen, JP 2017, 'Carbazole-based small molecule electron donors: Syntheses, characterization, and material properties', *Dyes and Pigments*, Vuosikerta. 150, j.dyepig.2017.11.014, Sivut 79-88. <https://doi.org/10.1016/j.dyepig.2017.11.014>

Mahmood, N, Khan, AU, Stöckelhuber, KW, Das, A, Jehnichen, D & Heinrich, G 2014, 'Carbon nanotubes-filled thermoplastic polyurethane-urea and carboxylated acrylonitrile butadiene rubber blend nanocomposites', *Journal of Applied Polymer Science*, Vuosikerta. 131, Nro 11. <https://doi.org/10.1002/app.40341>

Ma, L, Laasonen, K & Akola, J 2017, 'Catalytic Activity of AuCu Clusters on MgO(100): Effect of Alloy Composition for CO Oxidation', *Journal of Physical Chemistry C*, Vuosikerta. 121, Nro 20, Sivut 10876-10886. <https://doi.org/10.1021/acs.jpcc.6b12054>

Perander, M, DeMartini, N, Brink, A, Kramb, J, Karlström, O, Hemming, J, Moilanen, A, Konttinen, J & Hupa, M 2015, 'Catalytic effect of Ca and K on CO₂ gasification of spruce wood char', *Fuel*, Vuosikerta. 150, Sivut 464-472. <https://doi.org/10.1016/j.fuel.2015.02.062>

Štěpánková, V, Paterová, J, Damborský, J, Jungwirth, P, Chaloupková, R & Heyda, J 2013, 'Cation-specific effects on enzymatic catalysis driven by interactions at the tunnel mouth', *Journal of Physical Chemistry Part B*, Vuosikerta. 117, Nro 21, Sivut 6394-6402. <https://doi.org/10.1021/jp401506v>

Gerlofs-Nijland, ME, Totlandsdal, AI, Tzamkiozis, T, Leseman, DLAC, Samaras, Z, Låg, M, Schwarze, P, Ntziachristos, L & Cassee, FR 2013, 'Cell toxicity and oxidative potential of engine exhaust particles: Impact of using particulate filter or biodiesel fuel blend', *Environmental Science and Technology*, Vuosikerta. 47, Nro 11, Sivut 5931-5938. <https://doi.org/10.1021/es305330y>

Kamppuri, T, Vehviläinen, M, Puolakka, A, Honkanen, M, Vippola, M & Rissanen, M 2015, 'Characterisation of novel regenerated cellulosic, viscose, and cotton fibres and the dyeing properties of fabrics', *Coloration Technology*, Vuosikerta. 131, Nro 5, Sivut 396-402. <https://doi.org/10.1111/cote.12163>

Harra, J, Tuominen, M, Juuti, P, Rissler, J, Koivuluoto, H, Haapanen, J, Niemelä-Anttonen, H, Stenroos, C, Teisala, H, Lahti, J, Kuusipalo, J, Vuoristo, P & Mäkelä, JM 2018, 'Characteristics of nFOG, an aerosol-based wet thin film coating technique', *Journal of Coatings Technology Research*, Vuosikerta. 15, Nro 3, Sivut 623-632. <https://doi.org/10.1007/s11998-017-0022-7>

Kiilakoski, J, Langlade, C, Koivuluoto, H & Vuoristo, P 2019, 'Characterizing the micro-impact fatigue behavior of APS and HVOF-sprayed ceramic coatings', *Surface and Coatings Technology*, Vuosikerta. 371, Sivut 245-254. <https://doi.org/10.1016/j.surfcoat.2018.10.097>

Ruoko, T-P, Hiltunen, A, Iivonen, T, Ulkuniemi, R, Lahtonen, K, Ali-Löytty, H, Mizohata, K, Valden, M, Leskelä, M & Tkachenko, NV 2019, 'Charge carrier dynamics in tantalum oxide overlayers and tantalum doped hematite photoanodes', *Journal of Materials Chemistry A*, Vuosikerta. 7, Nro 7, Sivut 3206-3215. <https://doi.org/10.1039/C8TA09501A>

Marsalek, O, Elles, CG, Pieniazek, PA, Pluhaov, E, Vandevondele, J, Bradforth, SE & Jungwirth, P 2011, 'Chasing charge localization and chemical reactivity following photoionization in liquid water', *Journal of Chemical Physics*, Vuosikerta. 135, Nro 22, Sivut 224510. <https://doi.org/10.1063/1.3664746>

Farman, AT, Hong, SH, Caglayan, H, Ye, X, Diroll, BT, Paik, T, Engheta, N, Murray, CB & Kagan, CR 2013, 'Chemically tailored dielectric-to-metal transition for the design of metamaterials from nanoimprinted colloidal nanocrystals', *Nano Letters*, Vuosikerta. 13, Nro 2, Sivut 350-357. <https://doi.org/10.1021/nl303161d>

Di Capua, F, Papirio, S, Lens, PNL & Esposito, G 2015, 'Chemolithotrophic denitrification in biofilm reactors', *Chemical Engineering Journal*, Vuosikerta. 280, Sivut 643-657. <https://doi.org/10.1016/j.cej.2015.05.131>

Fantozzi, D, Matikainen, V, Uusitalo, M, Koivuluoto, H & Vuoristo, P 2019, 'Chlorine induced high-temperature corrosion mechanisms in HVOF and HVOF sprayed Cr₃C₂-based hardmetal coatings', *Corrosion Science*. <https://doi.org/10.1016/j.corsci.2019.108166>

Manna, M & Mukhopadhyay, C 2011, 'Cholesterol driven alteration of the conformation and dynamics of phospholamban in model membranes', *Physical Chemistry Chemical Physics*, Vuosikerta. 13, Nro 45, Sivut 20188-20198. <https://doi.org/10.1039/c1cp21793c>

Kulig, W, Cwiklik, L, Jurkiewicz, P, Rog, T & Vattulainen, I 2016, 'Cholesterol oxidation products and their biological importance', *Chemistry and Physics of Lipids*, Vuosikerta. 199, Sivut 144-160. <https://doi.org/10.1016/j.chemphyslip.2016.03.001>

He, H, Chen, X, Mehmood, A, Raivio, L, Huttunen, H, Raunonen, P & Virkki, J 2020, 'ClothFace: A Batteryless RFID-Based Textile Platform for Handwriting Recognition', *Sensors (Basel, Switzerland)*, Vuosikerta. 20, Nro 17, 4878. <https://doi.org/10.3390/s20174878>

Ropo, M, Akola, J & Jones, RO 2016, 'Collective excitations and viscosity in liquid Bi', *Journal of Chemical Physics*, Vuosikerta. 145, Nro 18, 184502. <https://doi.org/10.1063/1.4965429>

Beter, J, Schritteser, B, Maroh, B, Sarlin, E, Fuchs, PF & Pinter, G 2020, 'Comparison and impact of different fiber debond techniques on fiber reinforced flexible composites', *Polymers*, Vuosikerta. 12, Nro 2, 472. <https://doi.org/10.3390/polym12020472>

Zorzi, GK, Párraga, JE, Seijo, B & Sanchez, A 2015, 'Comparison of different cationized proteins as biomaterials for nanoparticle-based ocular gene delivery', *Colloids and Surfaces B: Biointerfaces*, Vuosikerta. 135, Sivut 533-541. <https://doi.org/10.1016/j.colsurfb.2015.08.008>

Railanmaa, A, Lehtimäki, S & Lupo, D 2017, 'Comparison of starch and gelatin hydrogels for non-toxic supercapacitor electrolytes', *Applied Physics A-Materials Science and Processing*, Vuosikerta. 123, Nro 6, 459. <https://doi.org/10.1007/s00339-017-1068-1>

Bansod, ND, Kapgate, BP, Das, C, Das, A, Basu, D & Debnath, SC 2016, 'Compatibilization of natural rubber/nitrile rubber blends by sol-gel nano-silica generated by in situ method', *JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY*, Vuosikerta. 80, Nro 2, Sivut 548-559. <https://doi.org/10.1007/s10971-016-4114-0>

Kulig, W, Korolainen, H, Zatorska, M, Kwolek, U, Wydro, P, Kepczynski, M & Róg, T 2019, 'Complex Behavior of Phosphatidylcholine-Phosphatidic Acid Bilayers and Monolayers: Effect of Acyl Chain Unsaturation', *Langmuir*, Vuosikerta. 35, Nro 17, Sivut 5944-5956. <https://doi.org/10.1021/acs.langmuir.9b00381>

Khan, M, Koivisto, J, Hukka, T, Hokka, M & Kellomäki, M 2018, 'Composite Hydrogels Using Bioinspired Approach with in Situ Fast Gelation and Self-Healing Ability as Future Injectable Biomaterial', *ACS Applied Materials & Interfaces*, Vuosikerta. 10, Nro 14, Sivut 11950-11960. <https://doi.org/10.1021/acsami.8b01351>

Dessi, P, Porca, E, Haavisto, J, Lakaniemi, A-M, Collins, G & Lens, PNL 2018, 'Composition and role of the attached and planktonic microbial communities in mesophilic and thermophilic xylose-fed microbial fuel cells', *RSC Advances*, Vuosikerta. 8, Nro 6, Sivut 3069-3080. <https://doi.org/10.1039/c7ra12316g>

Jönkkäri, I, Poliakova, V, Mylläri, V, Anderson, R, Andersson, M & Vuorinen, J 2020, 'Compounding and characterization of recycled multilayer plastic films', *Journal of Applied Polymer Science*. <https://doi.org/10.1002/app.49101>

Rantala, T, Lantto, V & Rantala, T 1998, 'Computational approaches to the chemical sensitivity of semiconducting tin dioxide', *Sensors and Actuators B: Chemical*, Vuosikerta. 47, Nro 1-3, Sivut 59-64. [https://doi.org/10.1016/S0925-4005\(98\)00007-0](https://doi.org/10.1016/S0925-4005(98)00007-0)

Rantala, TS, Rantala, TT & Lantto, V 2000, 'Computational studies for the interpretation of gas response of SnO₂(110) surface', *Sensors and Actuators B: Chemical*, Vuosikerta. 65, Nro 1, Sivut 375-378. [https://doi.org/10.1016/S0925-4005\(99\)00292-0](https://doi.org/10.1016/S0925-4005(99)00292-0)

Tiihonen, J, Kylänpää, I & Rantala, TT 2018, 'Computation of Dynamic Polarizabilities and van der Waals Coefficients from Path-Integral Monte Carlo', *Journal of Chemical Theory and Computation*, Vuosikerta. 14, Sivut 5750-5763. <https://doi.org/10.1021/acs.jctc.8b00859>

- Kato, D, Sakai, H, Araki, Y, Wada, T, Tkachenko, NV & Hasobe, T 2018, 'Concentration-dependent photophysical switching in mixed self-assembled monolayers of pentacene and perylene-3,4,9,10-tetracarboxylic diimide on gold nanoclusters', *Physical Chemistry Chemical Physics*, Vuosikerta. 20, Nro 13, Sivut 8695-8706. <https://doi.org/10.1039/c8cp00174j>
- Evans, DM, Holstad, TS, Mosberg, AB, Småbråten, DR, Vullum, PE, Dadlani, AL, Shapovalov, K, Yan, Z, Bourret, E, Gao, D, Akola, J, Torgersen, J, van Helvoort, ATJ, Selbach, SM & Meier, D 2020, 'Conductivity control via minimally invasive anti-Frenkel defects in a functional oxide', *Nature Materials*. <https://doi.org/10.1038/s41563-020-0765-x>
- Rahaman, O, Kalimeri, M, Katava, M, Paciaroni, A & Sterpone, F 2017, 'Configurational Disorder of Water Hydrogen-Bond Network at the Protein Dynamical Transition', *Journal of Physical Chemistry Part B*, Vuosikerta. 121, Nro 28, Sivut 6792-6798. <https://doi.org/10.1021/acs.jpcc.7b03888>
- Bhagavatheswaran, ES, Parsekar, M, Das, A, Le, HH, Wiessner, S, Stöckelhuber, KW, Schmaucks, G & Heinrich, G 2015, 'Construction of an Interconnected Nanostructured Carbon Black Network: Development of Highly Stretchable and Robust Elastomeric Conductors', *Journal of Physical Chemistry C*, Vuosikerta. 119, Nro 37, Sivut 21723-21731. <https://doi.org/10.1021/acs.jpcc.5b06629>
- Horinouchi, H, Sakai, H, Araki, Y, Sakanoue, T, Takenobu, T, Wada, T, Tkachenko, NV & Hasobe, T 2016, 'Controllable Electronic Structures and Photoinduced Processes of Bay-Linked Perylene-3,4,9,10-tetracarboxylic diimide Dimers and a Ferrocene-Linked Triad', *Chemistry: A European Journal*, Vuosikerta. 22, Nro 28, Sivut 9631-9641. <https://doi.org/10.1002/chem.201601058>
- Barreca, D, Carraro, G, Maccato, C, Altantzis, T, Kaunisto, K & Gasparotto, A 2018, 'Controlled Growth of Supported ZnO Inverted Nanopyramids with Downward Pointing Tips', *Crystal Growth and Design*, Vuosikerta. 18, Nro 4, Sivut 2579-2587. <https://doi.org/10.1021/acs.cgd.8b00198>
- Saegusa, T, Sakai, H, Nagashima, H, Kobori, Y, Tkachenko, NV & Hasobe, T 2019, 'Controlled Orientations of Neighboring Tetracene Units by Mixed Self-Assembled Monolayers on Gold Nanoclusters for High-Yield and Long-Lived Triplet Excited States through Singlet Fission', *Journal of the American Chemical Society*, Vuosikerta. 141, Nro 37, Sivut 14720-14727. <https://doi.org/10.1021/jacs.9b06567>
- Zhou, Q, Sariola, V, Latifi, K & Liimatainen, V 2016, 'Controlling the motion of multiple objects on a Chladni plate', *Nature Communications*, Vuosikerta. 7, 12764. <https://doi.org/10.1038/ncomms12764>
- Väisänen, A, Suontamo, R & Rintala, J 2002, 'Control of matrix interferences by the multiple linear regression model in the determination of arsenic, antimony and tin in lead pellets by inductively coupled plasma atomic emission spectrometry', *Journal of Analytical Atomic Spectrometry*, Vuosikerta. 17, Nro 3, Sivut 274-276. <https://doi.org/10.1039/b108543n>
- Saarimaa, V, Kaleva, A, Paunikallio, T, Nikkanen, J-P, Heinonen, S, Levänen, E, Väisänen, P & Markkula, A 2018, 'Convenient extraction method for quantification of thin zinc patina layers', *Surface and Interface Analysis*, Vuosikerta. 50, Nro 5, Sivut 564-570. <https://doi.org/10.1002/sia.6429>
- Fernandez-Palacio, F, Saccone, M, Priimägi, A, Terraneo, G, Pilati, T, Metrangolo, P & Resnati, G 2016, 'Coordination networks incorporating halogen-bond donor sites and azobenzene groups', *CrystEngComm*, Vuosikerta. 18, Nro 13, Sivut 2251-2257. <https://doi.org/10.1039/c6ce00059b>
- Ma, L, Melander, M, Laasonen, K & Akola, J 2015, 'CO oxidation catalyzed by neutral and anionic Cu₂₀ clusters: Relationship between charge and activity', *Physical Chemistry Chemical Physics*, Vuosikerta. 17, Nro 10, Sivut 7067-7076. <https://doi.org/10.1039/c5cp00365b>
- Lai, Y, Zhang, H, Sugano, Y, Xie, H & Kallio, P 2019, 'Correlation of Surface Morphology and Interfacial Adhesive Behavior between Cellulose Surfaces: Quantitative Measurements in Peak-Force Mode with the Colloidal Probe Technique', *Langmuir*, Vuosikerta. 35, Nro 22, Sivut 7312-7321. <https://doi.org/10.1021/acs.langmuir.8b03503>

Mason, PE, Uhlig, F, Vaněk, V, Buttersack, T, Bauerecker, S & Jungwirth, P 2015, 'Coulomb explosion during the early stages of the reaction of alkali metals with water', *Nature Chemistry*, Vuosikerta. 7, Nro 3, Sivut 250-254. <https://doi.org/10.1038/nchem.2161>

Paananen, RO, Javanainen, M, Holopainen, JM & Vattulainen, I 2019, 'Crystalline Wax Esters Regulate the Evaporation Resistance of Tear Film Lipid Layers Associated with Dry Eye Syndrome', *Journal of Physical Chemistry Letters*, Vuosikerta. 10, Nro 14, Sivut 3893-3898. <https://doi.org/10.1021/acs.jpcllett.9b01187>

Fabert, M, Ojha, N, Erasmus, E, Hannula, M, Hokka, M, Hyttinen, J, Rocherullé, J, Sigalas, I & Massera, J 2017, 'Crystallization and sintering of borosilicate bioactive glasses for application in tissue engineering', *Journal of Materials Chemistry B*, Vuosikerta. 5, Nro 23, Sivut 4514-4525. <https://doi.org/10.1039/c7tb00106a>

Wecharine, I, Valkonen, A, Rzaigui, M, Sta, WS & Smith, G 2015, 'Crystal structure of 2-methylpiperazine-1,4-dium bis(hydrogen maleate)', *Acta Crystallographica Section E : Structure Reports Online*, Vuosikerta. 71, Nro 3, Sivut o193-o194. <https://doi.org/10.1107/S2056989015003102>

Kulig, W & Agmon, N 2014, 'Deciphering the infrared spectrum of the protonated water pentamer and the hybrid Eigen-Zundel cation', *Physical Chemistry Chemical Physics*, Vuosikerta. 16, Nro 10, Sivut 4933-4941. <https://doi.org/10.1039/c3cp54029d>

Halder, A, Kandambeth, S, Biswal, BP, Kaur, G, Roy, NC, Addicoat, M, Salunke, JK, Banerjee, S, Vanka, K, Heine, T, Verma, S & Banerjee, R 2016, 'Decoding the Morphological Diversity in Two Dimensional Crystalline Porous Polymers by Core Planarity Modulation', *Angewandte Chemie (International Edition)*, Vuosikerta. 55, Nro 27, Sivut 7806-7810. <https://doi.org/10.1002/anie.201600087>

Ojha, N, Nguyen, H, Laihininen, T, Salminen, T, Lastusaari, M & Petit, L 2018, 'Decomposition of persistent luminescent microparticles in corrosive phosphate glass melt', *Corrosion Science*, Vuosikerta. 135, Sivut 207-214. <https://doi.org/10.1016/j.corsci.2018.02.050>

Linko, V, Leppiniemi, J, Paasonen, ST, Hytönen, VP & Jussi Toppari, J 2011, 'Defined-size DNA triple crossover construct for molecular electronics: Modification, positioning and conductance properties', *Nanotechnology*, Vuosikerta. 22, Nro 27, 275610. <https://doi.org/10.1088/0957-4484/22/27/275610>

Jones, RO, Ahlstedt, O, Akola, J & Ropo, M 2017, 'Density functional study of structure and dynamics in liquid antimony and Sb_n clusters', *Journal of Chemical Physics*, Vuosikerta. 146, Nro 19, 194502. <https://doi.org/10.1063/1.4983219>

Ma, L, Wang, J, Hao, Y & Wang, G 2013, 'Density functional theory study of $FePd_n$ ($n = 2-14$) clusters and interactions with small molecules', *Computational Materials Science*, Vuosikerta. 68, Sivut 166-173. <https://doi.org/10.1016/j.commatsci.2012.10.014>

Wang, J, Ma, L, Liang, Y, Gao, M & Wang, G 2014, 'Density functional theory study of transition metals doped B_{80} fullerene', *Journal of Theoretical and Computational Chemistry*, Vuosikerta. 13, Nro 6, 1450050. <https://doi.org/10.1142/S0219633614500503>

McManamon, C, Delaney, P, Kavanagh, C, Wang, JJ, Rasappa, S & Morris, MA 2013, 'Depth profiling of PLGA copolymer in a novel biomedical bilayer using confocal raman spectroscopy', *Langmuir*, Vuosikerta. 29, Nro 19, Sivut 5905-5910. <https://doi.org/10.1021/la400402a>

Hiltunen, A, Ruoko, T-P, Iivonen, T, Lahtonen, K, Ali-Löytty, H, Sarlin, E, Valden, M, Leskelä, M & Tkachenko, N 2018, 'Design aspects of all atomic layer deposited $TiO_2-Fe_2O_3$ scaffold-absorber photoanodes for water splitting', *Sustainable Energy & Fuels*, Vuosikerta. 2, Nro 9, Sivut 2124-2130. <https://doi.org/10.1039/C8SE00252E>

- Kordmahaleh, AA, Naghashzadegan, M, Javaherdeh, K & Khoshgoftar, M 2017, 'Design of a 25 MWe Solar Thermal Power Plant in Iran with Using Parabolic Trough Collectors and a Two-Tank Molten Salt Storage System', *International Journal of Photoenergy*, Vuosikerta. 2017, 4210184. <https://doi.org/10.1155/2017/4210184>
- Lahikainen, M, Zeng, H & Priimagi, A 2020, 'Design principles for non-reciprocal photomechanical actuation', *Soft Matter*, Vuosikerta. 16, Nro 25, Sivut 5951-5958. <https://doi.org/10.1039/d0sm00624f>
- D'Urso, L, Condorelli, M, Puglisi, O, Tempra, C, Lolicato, F, Compagnini, G & La Rosa, C 2018, 'Detection and characterization at nM concentration of oligomers formed by hIAPP, A β (1-40) and their equimolar mixture using SERS and MD simulations', *Physical Chemistry Chemical Physics*, Vuosikerta. 20, Nro 31, Sivut 20588-20596. <https://doi.org/10.1039/c7cp08552d>
- Li, Y, Tao, SC, Bova, GS, Liu, AY, Chan, DW, Zhu, H & Zhang, H 2011, 'Detection and verification of glycosylation patterns of glycoproteins from clinical specimens using lectin microarrays and lectin-based immunosorbent assays', *Analytical Chemistry*, Vuosikerta. 83, Nro 22, Sivut 8509-8516. <https://doi.org/10.1021/ac201452f>
- Auer, S, Nirschl, M, Schreiter, M & Vikholm-Lundin, I 2011, 'Detection of DNA hybridisation in a diluted serum matrix by surface plasmon resonance and film bulk acoustic resonators', *Analytical and Bioanalytical Chemistry*, Vuosikerta. 400, Nro 5, Sivut 1387-1396. <https://doi.org/10.1007/s00216-011-4871-0>
- Mylläri, V, Hartikainen, S, Poliakova, V, Anderson, R, Jönkkäri, I, Pasanen, P, Andersson, M & Vuorinen, J 2016, 'Detergent impurity effect on recycled HDPE: Properties after repetitive processing', *Journal of Applied Polymer Science*, Vuosikerta. 133, Nro 31, 43766. <https://doi.org/10.1002/app.43766>
- Diban, N, Haimi, S, Bolhuis-Versteeg, L, Teixeira, S, Miettinen, S, Poot, A, Grijpma, D & Stamatialis, D 2013, 'Development and characterization of poly(ϵ -caprolactone) hollow fiber membranes for vascular tissue engineering', *Journal of Membrane Science*, Vuosikerta. 438, Sivut 29-37. <https://doi.org/10.1016/j.memsci.2013.03.024>
- Isotahdon, E, Huttunen-Saarivirta, E & Kuokkala, V-T 2016, 'Development of Magnetic Losses During Accelerated Corrosion Tests for Nd-Fe-B Magnets Used in Permanent Magnet Generators', *Corrosion*, Vuosikerta. 72, Nro 6, Sivut 732-741. <https://doi.org/10.5006/2037>
- Ma, L, Melander, M, Weckman, T, Lipasti, S, Laasonen, K & Akola, J 2016, 'DFT simulations and microkinetic modelling of 1-pentyne hydrogenation on Cu₂₀ model catalysts', *Journal of Molecular Graphics and Modelling*, Vuosikerta. 65, Sivut 61-70. <https://doi.org/10.1016/j.jmgm.2016.02.007>
- Ihalainen, TO, Aires, L, Herzog, FA, Schwartlander, R, Moeller, J & Vogel, V 2015, 'Differential basal-to-apical accessibility of lamin A/C epitopes in the nuclear lamina regulated by changes in cytoskeletal tension', *Nature Materials*, Vuosikerta. 14, Nro 12, Sivut 1252-1261. <https://doi.org/10.1038/nmat4389>
- Rantala, T, Väyrynen, J, Kumpula, R & Aksela, S 1979, 'Direct measurement of the kinetic energy shift between the molecular and atomic M_{4.5}N_{4.5}N_{4.5} Auger spectra of iodine', *Chemical Physics Letters*, Vuosikerta. 66, Nro 2, Sivut 384-386. [https://doi.org/10.1016/0009-2614\(79\)85040-X](https://doi.org/10.1016/0009-2614(79)85040-X)
- Savolainen, J, Uhlig, F, Ahmed, S, Hamm, P & Jungwirth, P 2014, 'Direct observation of the collapse of the delocalized excess electron in water', *Nature Chemistry*, Vuosikerta. 6, Nro 8, Sivut 697-701. <https://doi.org/10.1038/nchem.1995>
- Palivec, V, Pluharová, E, Unger, I, Winter, B & Jungwirth, P 2014, 'DNA lesion can facilitate base ionization: Vertical ionization energies of aqueous 8-oxoguanine and its nucleoside and nucleotide', *Journal of Physical Chemistry Part B*, Vuosikerta. 118, Nro 48, Sivut 13833-13837. <https://doi.org/10.1021/jp5111086>
- Danne, R, Poojari, C, Martinez-Seara, H, Rissanen, S, Lolicato, F, Róg, T & Vattulainen, I 2017, 'DoGlycans-Tools for Preparing Carbohydrate Structures for Atomistic Simulations of Glycoproteins, Glycolipids, and Carbohydrate Polymers for GROMACS', *Journal of Chemical Information and Modeling*, Vuosikerta. 57, Nro 10, Sivut 2401-2406. <https://doi.org/10.1021/acs.jcim.7b00237>

Nogueira, IBR, Ribeiro, AM, Martins, MAF, Rodrigues, AE, Koivisto, H & Loureiro, JM 2017, 'Dynamics of a True Moving Bed separation process: Linear model identification and advanced process control', *Journal of Chromatography A*, Vuosikerta. 1504. <https://doi.org/10.1016/j.chroma.2017.04.060>

Virkki, K, Tervola, E, Medel, M, Torres, T & Tkachenko, NV 2018, 'Effect of Co-Adsorbate and Hole Transporting Layer on the Photoinduced Charge Separation at the TiO₂-Phthalocyanine Interface', *ACS Omega*, Vuosikerta. 3, Nro 5, Sivut 4947-4958. <https://doi.org/10.1021/acsomega.8b00600>

Goulet-Hanssens, A, Corkery, TC, Priimagi, A & Barrett, CJ 2014, 'Effect of head group size on the photoswitching applications of azobenzene Disperse Red 1 analogues', *Journal of Materials Chemistry C*, Vuosikerta. 2, Nro 36, Sivut 7505-7512. <https://doi.org/10.1039/c4tc00996g>

Hakola, H, Sariola-Leikas, E, Efimov, A & Tkachenko, NV 2016, 'Effect of Hole Transporting Material on Charge Transfer Processes in Zinc Phthalocyanine Sensitized ZnO Nanorods', *Journal of Physical Chemistry C*, Vuosikerta. 120, Nro 13, Sivut 7044-7051. <https://doi.org/10.1021/acs.jpcc.6b01583>

Sharma, R, Bhalerao, S & Gupta, D 2016, 'Effect of incorporation of CdS NPs on performance of PTB7: PCBM organic solar cells', *Organic Electronics: physics, materials, applications*, Vuosikerta. 33, Sivut 274-280. <https://doi.org/10.1016/j.orgel.2016.03.030>

Subramaniam, K, Das, A, Steinhäuser, D, Klüppel, M & Heinrich, G 2011, 'Effect of ionic liquid on dielectric, mechanical and dynamic mechanical properties of multi-walled carbon nanotubes/polychloroprene rubber composites', *European Polymer Journal*, Vuosikerta. 47, Nro 12, Sivut 2234-2243. <https://doi.org/10.1016/j.eurpolymj.2011.09.021>

Song, X, Liu, Z, Suhonen, T, Varis, T, Huang, L, Zheng, X & Zeng, Y 2015, 'Effect of melting state on the thermal shock resistance and thermal conductivity of APS ZrO₂-7.5wt.% Y₂O₃ coatings', *Surface and Coatings Technology*, Vuosikerta. 270, Sivut 132-138. <https://doi.org/10.1016/j.surfcoat.2015.03.011>

Kangas, H, Franzén, R, Tois, J, Taskinen, J & Kostianen, R 1999, 'Effect of nitro groups and alkyl chain length on the negative ion tandem mass spectra of alkyl 3-hydroxy-5-(4'-nitrophenoxy) and alkyl 3-hydroxy-5-(2', 4'-dinitrophenoxy) benzoates', *Rapid Communications in Mass Spectrometry*, Vuosikerta. 13, Nro 16, Sivut 1680-1684. [https://doi.org/10.1002/\(SICI\)1097-0231\(19990830\)13:16<1680::AID-RCM698>3.0.CO;2-R](https://doi.org/10.1002/(SICI)1097-0231(19990830)13:16<1680::AID-RCM698>3.0.CO;2-R)

Le, HH, Parsekar, M, Ilisch, S, Henning, S, Das, A, Stöckelhuber, KW, Beiner, M, Ho, CA, Adhikari, R, Wießner, S, Heinrich, G & Radusch, HJ 2014, 'Effect of non-rubber components of NR on the carbon nanotube (CNT) localization in SBR/NR blends', *Macromolecular Materials and Engineering*, Vuosikerta. 299, Nro 5, Sivut 569-582. <https://doi.org/10.1002/mame.201300254>

Kwolek, U, Kulig, W, Wydro, P, Nowakowska, M, Róg, T & Kepczynski, M 2015, 'Effect of Phosphatidic Acid on Biomembrane: Experimental and Molecular Dynamics Simulations Study', *Journal of Physical Chemistry Part B*, Vuosikerta. 119, Nro 31, Sivut 10042-10051. <https://doi.org/10.1021/acs.jpcc.5b03604>

Saarikoski, E, Rissanen, M & Seppälä, J 2015, 'Effect of rheological properties of dissolved cellulose/microfibrillated cellulose blend suspensions on film forming', *Carbohydrate Polymers*, Vuosikerta. 119, Sivut 62-70. <https://doi.org/10.1016/j.carbpol.2014.11.033>

Le, HH, Parsaker, M, Sriharish, MN, Henning, S, Menzel, M, Wießner, S, Das, A, Do, QK, Heinrich, G & Radusch, HJ 2015, 'Effect of rubber polarity on selective wetting of carbon nanotubes in ternary blends', *Express Polymer Letters*, Vuosikerta. 9, Nro 11, Sivut 960-971. <https://doi.org/10.3144/expresspolymlett.2015.87>

Kapgate, BP, Das, C, Basu, D, Das, A, Heinrich, G & Reuter, U 2014, 'Effect of silane integrated sol-gel derived in situ silica on the properties of nitrile rubber', *Journal of Applied Polymer Science*, Vuosikerta. 131, Nro 15, 40531. <https://doi.org/10.1002/app.40531>

Kapgate, BP, Das, C, Das, A, Basu, D, Reuter, U & Heinrich, G 2012, 'Effect of sol-gel derived in situ silica on the morphology and mechanical behavior of natural rubber and acrylonitrile butadiene rubber blends', *JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY*, Vuosikerta. 63, Nro 3, Sivut 501-509. <https://doi.org/10.1007/s10971-012-2812-9>

Milanti, A, Matikainen, V, Koivuluoto, H, Bolelli, G, Lusvarghi, L & Vuoristo, P 2015, 'Effect of spraying parameters on the microstructural and corrosion properties of HVOF-sprayed Fe-Cr-Ni-B-C coatings', *Surface and Coatings Technology*, Vuosikerta. 277, Sivut 81-90. <https://doi.org/10.1016/j.surfcoat.2015.07.018>

Diban, N, Haimi, SP, Bolhuis-Versteeg, L, Teixeira, S, Miettinen, S, Poot, AA, Grijpma, DW & Stamatialis, D 2013, 'Effect of surface morphology of poly(ϵ -caprolactone) scaffolds on adipose stem cell adhesion and proliferation', *Macromolecular symposia*, Vuosikerta. 334, Nro 1, Sivut 126-132. <https://doi.org/10.1002/masy.201300106>

Siljander, S, Keinänen, P, Rätty, A, Ramakrishnan, KR, Tuukkanen, S, Kunnari, V, Harlin, A, Vuorinen, J & Kanerva, M 2018, 'Effect of surfactant type and sonication energy on the electrical conductivity properties of nanocellulose-CNT nanocomposite films', *International Journal of Molecular Sciences*, Vuosikerta. 19, Nro 6, 1819. <https://doi.org/10.3390/ijms19061819>

Chakraborty, S, Rene, ER, Lens, PNL, Rintala, J, Veiga, MC & Kennes, C 2020, 'Effect of tungsten and selenium on C_1 gas bioconversion by an enriched anaerobic sludge and microbial community analysis', *Chemosphere*, Vuosikerta. 250, 126105. <https://doi.org/10.1016/j.chemosphere.2020.126105>

Haavisto, J, Dessi, P, Chatterjee, P, Honkanen, M, Noori, MT, Kokko, M, Lakaniemi, AM, Lens, PNL & Puhakka, JA 2019, 'Effects of anode materials on electricity production from xylose and treatability of TMP wastewater in an up-flow microbial fuel cell', *Chemical Engineering Journal*, Vuosikerta. 372, Sivut 141-150. <https://doi.org/10.1016/j.cej.2019.04.090>

Pirjola, L, Karjalainen, P, Heikkilä, J, Saari, S, Tzamkiozis, T, Ntziachristos, L, Kulmala, K, Keskinen, J & Rönkkö, T 2015, 'Effects of fresh lubricant oils on particle emissions emitted by a modern gasoline direct injection passenger car', *Environmental Science and Technology*, Vuosikerta. 49, Nro 6, Sivut 3644-3652. <https://doi.org/10.1021/es505109u>

Golovanov, VV, Nazarchuk, BV, Golovanova, VV, Tkachenko, NV & Rantala, TT 2017, 'Effects of orientation at the phthalocyanine-CdSe interface on the electron transfer characteristics', *Physical Chemistry Chemical Physics*, Vuosikerta. 19, Nro 16, Sivut 10511-10517. <https://doi.org/10.1039/c7cp00833c>

Hyväluoma, J, Hannula, M, Arstila, K, Wang, H, Kulju, S & Rasa, K 2018, 'Effects of pyrolysis temperature on the hydrologically relevant porosity of willow biochar', *Journal of Analytical and Applied Pyrolysis*, Vuosikerta. 134. <https://doi.org/10.1016/j.jaap.2018.07.011>

Mäkelä, J, Tuominen, M, Yasir, M, Polojärvi, V, Aho, A, Tukiainen, A, Kuzmin, M, Punkkinen, MPJ, Laukkanen, P, Kokko, K & Guina, M 2015, 'Effects of thinning and heating for TiO₂/AlInP junctions', *Journal of Electron Spectroscopy and Related Phenomena*, Vuosikerta. 205, Sivut 6-9. <https://doi.org/10.1016/j.elspec.2015.08.004>

Hyvönen, M, Ala-Korpela, M, Vaara, J, Rantala, TT & Jokisaari, J 1995, 'Effects of two double bonds on the hydrocarbon interior of a phospholipid bilayer', *Chemical Physics Letters*, Vuosikerta. 246, Nro 3, Sivut 300-306. [https://doi.org/10.1016/0009-2614\(95\)01113-N](https://doi.org/10.1016/0009-2614(95)01113-N)

Moormann, W, Tellkamp, T, Stadler, E, Röhricht, F, Näther, C, Puttreddy, R, Rissanen, K, Gescheidt, G & Herges, R 2020, 'Efficient Conversion of Light to Chemical Energy: Directional, Chiral Photoswitches with Very High Quantum Yields', *Angewandte Chemie - International Edition*, Vuosikerta. 59, Nro 35, Sivut 15081-15086. <https://doi.org/10.1002/anie.202005361>

Durandin, NA, Isokuortti, J, Efimov, A, Vuorimaa-Laukkanen, E, Tkachenko, NV & Laaksonen, T 2018, 'Efficient photon upconversion at remarkably low annihilator concentrations in a liquid polymer matrix: when less is more', *Chemical Communications*, Vuosikerta. 54, Nro 99, Sivut 14029-14032. <https://doi.org/10.1039/c8cc07592a>

- Dantelle, G, Slablab, A, Rondin, L, Lainé, F, Carrel, F, Bergonzo, P, Perruchas, S, Gacoin, T, Treussart, F & Roch, JF 2010, 'Efficient production of NV colour centres in nanodiamonds using high-energy electron irradiation', *Journal of Luminescence*, Vuosikerta. 130, Nro 9, Sivut 1655-1658. <https://doi.org/10.1016/j.jlumin.2009.12.003>
- Vapaavuori, J, Valtavirta, V, Alasaarela, T, Mamiya, JI, Priimagi, A, Shishido, A & Kaivola, M 2011, 'Efficient surface structuring and photoalignment of supramolecular polymer-azobenzene complexes through rational chromophore design', *Journal of Materials Chemistry*, Vuosikerta. 21, Nro 39, Sivut 15437-15441. <https://doi.org/10.1039/c1jm12642c>
- Çetinkaya, AY, Köroğlu, EO, Demir, NM, Baysoy, DY, Özkaya, B & Çakmakçı, M 2015, 'Electricity production by a microbial fuel cell fueled by brewery wastewater and the factors in its membrane deterioration', *Chinese Journal of Catalysis*, Vuosikerta. 36, Nro 7, Sivut 1068-1076. [https://doi.org/10.1016/S1872-2067\(15\)60833-6](https://doi.org/10.1016/S1872-2067(15)60833-6)
- Jermakka, J, Thompson Brewster, E, Ledezma, P & Freguia, S 2018, 'Electro-concentration for chemical-free nitrogen capture as solid ammonium bicarbonate', *Separation and Purification Technology*, Vuosikerta. 203, Sivut 48-55. <https://doi.org/10.1016/j.seppur.2018.04.023>
- Mohanty, AK, Ghosh, A, Sawai, P, Pareek, K, Banerjee, S, Das, A, Pötschke, P, Heinrich, G & Voit, B 2014, 'Electromagnetic interference shielding effectiveness of MWCNT filled poly(ether sulfone) and poly(ether imide) nanocomposites', *Polymer Engineering and Science*, Vuosikerta. 54, Nro 11, Sivut 2560-2570. <https://doi.org/10.1002/pen.23804>
- Rantala, TT, Jelski, DA & George, TF 1990, 'Electronic and structural properties of Si₁₀ cluster', *Journal of Cluster Science*, Vuosikerta. 1, Nro 2, Sivut 189-200. <https://doi.org/10.1007/BF00702719>
- Honkanen, M, Hansen, TW, Jiang, H, Kärkkäinen, M, Huuhtanen, M, Heikkinen, O, Kallinen, K, Lahtinen, J, Keiski, RL, Wagner, JB & Vippola, M 2017, 'Electron microscopic studies of natural gas oxidation catalyst – Effects of thermally accelerated aging on catalyst microstructure', *Journal of Catalysis*, Vuosikerta. 349, Sivut 19-29. <https://doi.org/10.1016/j.jcat.2017.03.003>
- Suominen, M, Lehtimäki, S, Yewale, R, Damlin, P, Tuukkanen, S & Kvarnström, C 2017, 'Electropolymerized polyazulene as active material in flexible supercapacitors', *Journal of Power Sources*, Vuosikerta. 356, Sivut 181-190. <https://doi.org/10.1016/j.jpowsour.2017.04.082>
- Lepcha, A, Maccato, C, Mettenbörger, A, Andreu, T, Mayrhofer, L, Walter, M, Olthof, S, Ruoko, TP, Klein, A, Moseler, M, Meerholz, K, Morante, JR, Barreca, D & Mathur, S 2015, 'Electrospun Black Titania Nanofibers: Influence of Hydrogen Plasma-Induced Disorder on the Electronic Structure and Photoelectrochemical Performance', *Journal of Physical Chemistry C*, Vuosikerta. 119, Nro 33, Sivut 18835-18842. <https://doi.org/10.1021/acs.jpcc.5b02767>
- Ma, L, Atta-Fynn, R & Ray, AK 2012, 'Elemental and mixed actinide dioxides: An ab initio study', *Journal of Theoretical and Computational Chemistry*, Vuosikerta. 11, Nro 3, Sivut 611-629. <https://doi.org/10.1142/S021963361250040X>
- Kramb, J, Konttinen, J, Backman, R, Salo, K & Roberts, M 2016, 'Elimination of arsenic-containing emissions from gasification of chromated copper arsenate wood', *Fuel*, Vuosikerta. 181, Sivut 319-324. <https://doi.org/10.1016/j.fuel.2016.04.109>
- Mah, PT, Novakovic, D, Saarinen, J, van Landeghem, S, Peltonen, L, Laaksonen, T, Isomäki, A & Strachan, CJ 2017, 'Elucidation of Compression-Induced Surface Crystallization in Amorphous Tablets Using Sum Frequency Generation (SFG) Microscopy', *Pharmaceutical Research*, Vuosikerta. 34, Nro 5, Sivut 957-970. <https://doi.org/10.1007/s11095-016-2046-6>
- Uhlig, F & Jungwirth, P 2013, 'Embedded cluster models for reactivity of the hydrated electron', *ZEITSCHRIFT FÜR PHYSIKALISCHE CHEMIE-INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL CHEMISTRY AND CHEMICAL PHYSICS*, Vuosikerta. 227, Nro 11, Sivut 1583-1593. <https://doi.org/10.1524/zpch.2013.0402>

Beyeh, NK, Pan, F, Valkonen, A & Rissanen, K 2015, 'Encapsulation of secondary and tertiary ammonium salts by resorcinarenes and pyrogallarenes: The effect of size and charge concentration', *CrystEngComm*, Vuosikerta. 17, Nro 5, Sivut 1182-1188. <https://doi.org/10.1039/c4ce01927j>

Takahashi, H, Maruyama, K, Karino, Y, Morita, A, Nakano, M, Jungwirth, P & Matubayasi, N 2011, 'Energetic origin of proton affinity to the air/water interface', *Journal of Physical Chemistry Part B*, Vuosikerta. 115, Nro 16, Sivut 4745-4751. <https://doi.org/10.1021/jp2015676>

Kuzmin, VA, Durandin, NA, Lisitsyna, ES, Litvinkova, LV, Nekipelova, TD, Podrugina, TA, Matveeva, ED, Proskurnina, MV & Zefirov, NS 2015, 'Energy degradation in photoexcited complexes of indocarbocyanine with albumin', *HIGH ENERGY CHEMISTRY*, Vuosikerta. 49, Nro 3, Sivut 211-212. <https://doi.org/10.1134/S0018143915030108>

Gil-Gallegos, S, Klages, R, Solanpää, J & Räsänen, E 2019, 'Energy-dependent diffusion in a soft periodic Lorentz gas', *European Physical Journal: Special Topics*, Vuosikerta. 228, Nro 1, Sivut 143-160. <https://doi.org/10.1140/epjst/e2019-800136-8>

Shakun, A, Sarlin, E & Vuorinen, J 2020, 'Energy dissipation in natural rubber latex films: The effect of stabilizers, leaching and acetone-treatment', *Journal of Applied Polymer Science*. <https://doi.org/10.1002/app.49609>

Spataru, A, Jain, R, Chung, JW, Gerner, G, Krebs, R & Lens, PNL 2016, 'Enhanced adsorption of orthophosphate and copper onto hydrochar derived from sewage sludge by KOH activation', *RSC Advances*, Vuosikerta. 6, Nro 104, Sivut 101827-101834. <https://doi.org/10.1039/c6ra22327c>

Giammarco, JM, Zdyrko, B, Hu, J, Agarwal, A, Kimerling, L, Carlie, N, Petit, L, Richardson, K & Luzinov, I 2011, 'Enrichment polymer layers for detection of volatile vapors by ATR FT-IR', *ACS National Meeting Book of Abstracts*.

Vaikuntam, SR, Stöckelhuber, KW, Subramani Bhagavatheswaran, E, Wießner, S, Scheler, U, Saalwächter, K, Formanek, P, Heinrich, G & Das, A 2018, 'Entrapped Styrene Butadiene Polymer Chains by Sol-Gel-Derived Silica Nanoparticles with Hierarchical Raspberry Structures', *Journal of Physical Chemistry B*, Vuosikerta. 122, Nro 6, Sivut 2010-2022. <https://doi.org/10.1021/acs.jpcc.7b11792>

Ometov, A, Bezzateev, S, Voloshina, N, Masek, P & Komarov, M 2019, 'Environmental monitoring with distributed mesh networks: An overview and practical implementation perspective for urban scenario', *Sensors (Switzerland)*, Vuosikerta. 19, Nro 24, 5548. <https://doi.org/10.3390/s19245548>

Hilka, J, Koivusalo, E, Puustinen, J, Suomalainen, S & Guina, M 2019, 'Epitaxial phases of high Bi content GaSbBi alloys', *Journal of Crystal Growth*, Vuosikerta. 516, Sivut 67-71. <https://doi.org/10.1016/j.jcrysgro.2019.03.028>

Manea, LR, Cramariuc, B, Popescu, V, Cramariuc, R, Sandu, I & Cramariuc, O 2015, 'Equipment for obtaining polymeric nanofibres by electrospinning technology: II. The obtaining of polymeric nanofibers', *Materiale Plastice*, Vuosikerta. 52, Nro 2, Sivut 180-185.

Cherstvy, AG & Metzler, R 2015, 'Ergodicity breaking and particle spreading in noisy heterogeneous diffusion processes', *Journal of Chemical Physics*, Vuosikerta. 142, Nro 14, 144105. <https://doi.org/10.1063/1.4917077>

Matikainen, V, Rubio Peregrina, S, Ojala, N, Koivuluoto, H, Schubert, J, Houdková, & Vuoristo, P 2019, 'Erosion wear performance of WC-10Co4Cr and Cr₃C₂-25NiCr coatings sprayed with high-velocity thermal spray processes', *Surface and Coatings Technology*, Vuosikerta. 370, Sivut 196-212. <https://doi.org/10.1016/j.surfcoat.2019.04.067>

Virtanen, J, Somppi, S, Törnqvist, H, Jeyhani, V, Fiedler, P, Gizatdinova, Y, Majaranta, P, Väättäjä, H, Cardó, AV, Lekkala, J, Tuukkanen, S, Surakka, V, Vainio, O & Vehkaoja, A 2018, 'Evaluation of dry electrodes in canine heart rate monitoring', *Sensors*, Vuosikerta. 18, Nro 6, 1757. <https://doi.org/10.3390/s18061757>

Stradomska, A, Kulig, W, Slawik, M & Petelenz, P 2012, 'Excited-state polarizability in crystalline sexithiophene: Charge-transfer and vibronic effects', *Chemical Physics Letters*, Vuosikerta. 529, Sivut 27-30. <https://doi.org/10.1016/j.cplett.2012.01.038>

Umeyama, T, Hanaoka, T, Yamada, H, Namura, Y, Mizuno, S, Ohara, T, Baek, J, Park, J, Takano, Y, Stranius, K, Tkachenko, NV & Imahori, H 2019, 'Exclusive occurrence of photoinduced energy transfer and switching of its direction by rectangular π -extension of nanographenes', *Chemical Science*, Vuosikerta. 10, Nro 27, Sivut 6642-6650. <https://doi.org/10.1039/c9sc01538h>

Pirjola, L, Rönkkö, T, Saukko, E, Parviainen, H, Malinen, A, Alanen, J & Saveljeff, H 2017, 'Exhaust emissions of non-road mobile machine: Real-world and laboratory studies with diesel and HVO fuels', *Fuel*, Vuosikerta. 202, Sivut 154-164. <https://doi.org/10.1016/j.fuel.2017.04.029>

Kaski, J, Lantto, P, Rantala, TT, Schroderus, J, Vaara, J & Jokisaari, J 1999, 'Experimental and theoretical study of the spin-spin coupling tensors in methylsilane', *Journal of Physical Chemistry A*, Vuosikerta. 103, Nro 48, Sivut 9669-9677. <https://doi.org/10.1021/jp9920491>

Bączkiewicz, J, Malaska, M, Pajunen, S, Alanen, M & Heinisuo, M 2020, 'Experimental study on axially loaded square hollow section T-joints under fire conditions', *FIRE SAFETY JOURNAL*, Vuosikerta. 114, 102993. <https://doi.org/10.1016/j.firesaf.2020.102993>

Eshwaran, SB, Basu, D, Vaikuntam, SR, Kutlu, B, Wiessner, S, Das, A, Naskar, K & Heinrich, G 2015, 'Exploring the role of stearic acid in modified zinc aluminum layered double hydroxides and their acrylonitrile butadiene rubber nanocomposites', *Journal of Applied Polymer Science*, Vuosikerta. 132, Nro 9, 41539. <https://doi.org/10.1002/app.41539>

Rasappa, S, Borah, D, Senthamaraiannan, R, Faulkner, CC, Holmes, JD & Morris, MA 2014, 'Fabrication of 3-D nanodimensioned electric double layer capacitor structures using block copolymer templates', *Journal Nanoscience and Nanotechnology*, Vuosikerta. 14, Nro 7, Sivut 5221-5227. <https://doi.org/10.1166/jnn.2014.8668>

Rasappa, S, Borah, D, Faulkner, CC, Lutz, T, Shaw, MT, Holmes, JD & Morris, MA 2013, 'Fabrication of a sub-10 nm silicon nanowire based ethanol sensor using block copolymer lithography', *Nanotechnology*, Vuosikerta. 24, Nro 6, 065503. <https://doi.org/10.1088/0957-4484/24/6/065503>

Khan, MN, Tjong, V, Chilkoti, A & Zharnikov, M 2012, 'Fabrication of ssDNA/oligo(ethylene glycol) monolayers and complex nanostructures by an irradiation-promoted exchange reaction', *Angewandte Chemie (International Edition)*, Vuosikerta. 51, Nro 41, Sivut 10303-10306. <https://doi.org/10.1002/anie.201204245>

Khan, MN & Zharnikov, M 2013, 'Fabrication of ssDNA/Oligo(ethylene glycol) monolayers and patterns by exchange reaction promoted by ultraviolet light irradiation', *Journal of Physical Chemistry C*, Vuosikerta. 117, Nro 47, Sivut 24883-24893. <https://doi.org/10.1021/jp408819k>

Khan, MN & Zharnikov, M 2014, 'Fabrication of ssDNA/oligo(ethylene glycol) monolayers by promoted exchange reaction with thiol and disulfide substituents', *Journal of Physical Chemistry C*, Vuosikerta. 118, Nro 6, Sivut 3093-3101. <https://doi.org/10.1021/jp411353f>

Eklund, A, Zhang, H, Zeng, H, Priimägi, A & Ikkala, O 2020, 'Fast Switching of Bright Whiteness in Channeled Hydrogel Networks', *Advanced Functional Materials*. <https://doi.org/10.1002/adfm.202000754>

Abada, A, Abbrescia, M, AbdusSalam, SS, Abdyukhanov, I, Abelleira Fernandez, J, Abramov, A, Aburaia, M, Acar, AO, Adzic, PR, Agrawal, P, Aguilar-Saavedra, JA, Aguilera-Verdugo, JJ, Aiba, M, Aichinger, I, Aielli, G, Akay, A, Akhundov, A, Aksakal, H, Albacete, JL, Albergo, S, Alekou, A, Aleksa, M, Aleksan, R, Alemany Fernandez, RM, Alexahin, Y, Alía, RG, Alioli, S, Alipour Tehrani, N, Allanach, BC, Allport, PP, Altınli, M, Altmannshofer, W, Ambrosio, G, Amorim, D, Amstutz, O, Anderlini, L, Andreatza, A, Andreini, M, Andriatis, A, Andris, C, Andronic, A, Angelucci, M, Antinori, F, Antipov, SA, Antonelli, M, Antonello, M, Lehtinen, T, Penttinen, JP, Salmi, T & Stenvall, A 2019, 'FCC-hh: The Hadron Collider: Future Circular Collider Conceptual Design Report Volume 3', *European Physical Journal: Special Topics*, Vuosikerta. 228, Nro 4,

Sivut 755-1107. <https://doi.org/10.1140/epjst/e2019-900087-0>

Barreca, D, Carraro, G, Warwick, MEA, Kaunisto, K, Gasparotto, A, Gombac, V, Sada, C, Turner, S, Van Tendeloo, G, Maccato, C & Fornasiero, P 2015, 'Fe₂O₃-TiO₂ nanosystems by a hybrid PE-CVD/ALD approach: controllable synthesis, growth mechanism, and photocatalytic properties', *CrystEngComm*, Vuosikerta. 17, Nro 32, Sivut 6219-6226. <https://doi.org/10.1039/c5ce00883b>

Itävuori, P, Hulthén, E & Vilkkonen, M 2017, 'Feed-hopper level estimation and control in cone crushers', *Minerals Engineering*, Vuosikerta. 110, Sivut 82-95. <https://doi.org/10.1016/j.mineng.2017.04.010>

Basu, D, Das, A, Wang, DY, George, JJ, Stöckelhuber, KW, Boldt, R, Leuteritz, A & Heinrich, G 2016, 'Fire-safe and environmentally friendly nanocomposites based on layered double hydroxides and ethylene propylene diene elastomer', *RSC Advances*, Vuosikerta. 6, Nro 31, Sivut 26425-26436. <https://doi.org/10.1039/c5ra27444c>

Le, HH, Pham, T, Henning, S, Klehm, J, Wießner, S, Stöckelhuber, KW, Das, A, Hoang, XT, Do, QK, Wu, M, Vennemann, N, Heinrich, G & Radusch, HJ 2015, 'Formation and stability of carbon nanotube network in natural rubber: Effect of non-rubber components', *Polymer*, Vuosikerta. 73, 18004, Sivut 111-121. <https://doi.org/10.1016/j.polymer.2015.07.044>

Kaleva, A, Tassaing, T, Saarimaa, V, Le Bourdon, G, Väisänen, P, Markkula, A & Levänen, E 2020, 'Formation of corrosion products on zinc in wet supercritical and subcritical CO₂: In-situ spectroscopic study', *Corrosion Science*, Vuosikerta. 174. <https://doi.org/10.1016/j.corsci.2020.108850>

Manninen, H, Rotola-Pukkila, M, Aisala, H, Hopia, A & Laaksonen, T 2018, 'Free amino acids and 5'-nucleotides in Finnish forest mushrooms', *Food Chemistry*, Vuosikerta. 247, Sivut 23-28. <https://doi.org/10.1016/j.foodchem.2017.12.014>

Uhlir, F, Marsalek, O & Jungwirth, P 2011, 'From a localized H₃O⁺ radical to a delocalized H₃O⁺·e⁻ solvent-separated pair by sequential hydration', *Physical Chemistry Chemical Physics*, Vuosikerta. 13, Nro 31, Sivut 14003-14009. <https://doi.org/10.1039/c1cp20764d>

Tan, C, Ceballos, G, Kasabov, N & Subramaniam, NP 2020, 'Fusionsense: Emotion classification using feature fusion of multimodal data and deep learning in a brain-inspired spiking neural network', *Sensors (Switzerland)*, Vuosikerta. 20, Nro 18, 5328. <https://doi.org/10.3390/s20185328>

Goh, J-Q, Akola, J & Ferrando, R 2017, 'Geometric Structure and Chemical Ordering of Large AuCu Clusters: A Computational Study', *Journal of Physical Chemistry C*, Vuosikerta. 121, Nro 20, Sivut 10809-10816. <https://doi.org/10.1021/acs.jpcc.6b11958>

Mardoukhi, Y, Jeon, J-H & Metzler, R 2015, 'Geometry controlled anomalous diffusion in random fractal geometries: Looking beyond the infinite cluster', *Physical Chemistry Chemical Physics*, Vuosikerta. 17, Nro 44, Sivut 30134-30147. <https://doi.org/10.1039/c5cp03548a>

Deng, Y, Alicea-Velázquez, NL, Bannwarth, L, Lehtonen, SI, Boggon, TJ, Cheng, HC, Hytönen, VP & Turk, BE 2014, 'Global analysis of human nonreceptor tyrosine kinase specificity using high-density peptide microarrays', *Journal of Proteome Research*, Vuosikerta. 13, Nro 10, Sivut 4339-4346. <https://doi.org/10.1021/pr500503q>

Rokade, SS, Joshi, KA, Mahajan, K, Patil, S, Tomar, G, Dubal, DS, Parihar, VS, Kitture, R, Bellare, JR & Ghosh, S 2018, 'Gloriosa superba Mediated Synthesis of Platinum and Palladium Nanoparticles for Induction of Apoptosis in Breast Cancer', *Bioinorganic Chemistry and Applications*, Vuosikerta. 2018, 4924186. <https://doi.org/10.1155/2018/4924186>

Nandre, KP, Salunke, JK, Nandre, JP, Patil, VS, Borse, AU & Bhosale, SV 2012, 'Glycerol mediated synthesis of 5-substituted 1H-tetrazole under catalyst free conditions', *Chinese Chemical Letters*, Vuosikerta. 23, Nro 2, Sivut 161-164. <https://doi.org/10.1016/j.ccllet.2011.11.019>

Ali-Löytty, H, Hannula, M, Honkanen, M, Östman, K, Lahtonen, K & Valden, M 2016, 'Grain orientation dependent Nb-Ti microalloying mediated surface segregation on ferritic stainless steel', *Corrosion Science*, Vuosikerta. 112, Sivut 204-213. <https://doi.org/10.1016/j.corsci.2016.07.024>

Kaouk, A, Ruoko, TP, Gönüllü, Y, Kaunisto, K, Mettenböcker, A, Gurevich, E, Lemmetyinen, H, Ostendorf, A & Mathur, S 2015, 'Graphene-intercalated Fe₂O₃/TiO₂ heterojunctions for efficient photoelectrolysis of water', *RSC Advances*, Vuosikerta. 5, Nro 123, Sivut 101401-101407. <https://doi.org/10.1039/c5ra18330h>

Ma, L & Ray, AK 2013, 'Growth behavior and magnetic properties of spherical uranium oxide nanoclusters', *Journal of Computational and Theoretical Nanoscience*, Vuosikerta. 10, Nro 2, Sivut 334-340. <https://doi.org/10.1166/jctn.2013.2701>

Allolio, C, Baxova, K, Vazdar, M & Jungwirth, P 2016, 'Guanidinium Pairing Facilitates Membrane Translocation', *Journal of Physical Chemistry Part B*, Vuosikerta. 120, Nro 1, Sivut 143-153. <https://doi.org/10.1021/acs.jpcc.5b10404>

Priimagi, A, Cavallo, G, Forni, A, Gorynsztejn-Leben, M, Kaivola, M, Metrangolo, P, Milani, R, Shishido, A, Pilati, T, Resnati, G & Terraneo, G 2012, 'Halogen bonding versus hydrogen bonding in driving self-assembly and performance of light-responsive supramolecular polymers', *Advanced Functional Materials*, Vuosikerta. 22, Nro 12, Sivut 2572-2579. <https://doi.org/10.1002/adfm.201200135>

Rocherullé, J, Massera, J, Oudadesse, H, Calvez, L, Trolès, J & Zhang, XH 2016, 'Heat capacities of crystalline and glassy lithium metaphosphate up to the transition region', *Journal of Thermal Analysis and Calorimetry*, Vuosikerta. 123, Nro 1, Sivut 401-407. <https://doi.org/10.1007/s10973-015-4938-9>

Tofanello, A, Freitas, ALM, Carvalho, WM, Salminen, T, Niemi, T & Souza, FL 2020, 'Hematite Surface Modification toward Efficient Sunlight-Driven Water Splitting Activity: The Role of Gold Nanoparticle Addition', *Journal of Physical Chemistry C*. <https://doi.org/10.1021/acs.jpcc.9b11966>

Higashino, T, Nakatsuji, H, Fukuda, R, Okamoto, H, Imai, H, Matsuda, T, Tochio, H, Shirakawa, M, Tkachenko, NV, Hashida, M, Murakami, T & Imahori, H 2017, 'Hexaphyrin as a Potential Theranostic Dye for Photothermal Therapy and ¹⁹F Magnetic Resonance Imaging', *ChemBioChem*, Vuosikerta. 18, Nro 10, Sivut 951-959. <https://doi.org/10.1002/cbic.201700071>

Milani, R, Houbenov, N, Fernandez-Palacio, F, Cavallo, G, Luzio, A, Haataja, J, Giancane, G, Saccone, M, Priimagi, A, Metrangolo, P & Ikkala, O 2017, 'Hierarchical Self-Assembly of Halogen-Bonded Block Copolymer Complexes into Upright Cylindrical Domains', *Chem*, Vuosikerta. 2, Nro 3, Sivut 417-426. <https://doi.org/10.1016/j.chempr.2017.02.003>

Rajala, S, Schouten, M, Krijnen, G & Tuukkanen, S 2018, 'High Bending-Mode Sensitivity of Printed Piezoelectric Poly(vinylidene fluoride-co-trifluoroethylene) Sensors', *ACS Omega*, Vuosikerta. 3, Nro 7, Sivut 8067-8073. <https://doi.org/10.1021/acsomega.8b01185>

Rooj, S, Das, A, Stöckelhuber, KW, Reuter, U & Heinrich, G 2012, 'Highly exfoliated natural rubber/Clay composites by "propping-open procedure": The influence of fatty-acid chain length on exfoliation', *Macromolecular Materials and Engineering*, Vuosikerta. 297, Nro 4, Sivut 369-383. <https://doi.org/10.1002/mame.201100185>

Uusheimo, S, Huotari, J, Tulonen, T, Aalto, SL, Rissanen, AJ & Arvola, L 2018, 'High Nitrogen Removal in a Constructed Wetland Receiving Treated Wastewater in a Cold Climate', *Environmental science & technology*, Vuosikerta. 52, Nro 22, Sivut 13343-13350. <https://doi.org/10.1021/acs.est.8b03032>

Rasappa, S, Caridad, JM, Schulte, L, Cagliani, A, Borah, D, Morris, MA, Bøggild, P & Ndoni, S 2015, 'High quality sub-10 nm graphene nanoribbons by on-chip PS-b-PDMS block copolymer lithography', *RSC Advances*, Vuosikerta. 5, Nro 82, Sivut 66711-66717. <https://doi.org/10.1039/c5ra11735f>

Larnimaa, S, Halonen, L, Karhu, J, Tomberg, T, Metsälä, M, Genoud, G, Hieta, T, Bell, S & Vainio, M 2020, 'High-resolution analysis of the ν₃ band of radiocarbon methane ¹⁴CH₄', *Chemical Physics Letters*, Vuosikerta. 750, Sivut 137488. <https://doi.org/10.1016/j.cplett.2020.137488>

Mojica, E, Pertuz, S & Arguello, H 2017, 'High-resolution coded-aperture design for compressive X-ray tomography using low resolution detectors', *Optics Communications*, Vuosikerta. 404, Sivut 103-109. <https://doi.org/10.1016/j.optcom.2017.06.053>

Varis, T, Bankiewicz, D, Yrjas, P, Oksa, M, Suhonen, T, Tuurna, S, Ruusuvoori, K & Holmström, S 2015, 'High temperature corrosion of thermally sprayed NiCr and FeCr coatings covered with a KCl-K₂SO₄ salt mixture', *Surface and Coatings Technology*, Vuosikerta. 265, Sivut 235-243. <https://doi.org/10.1016/j.surfcoat.2014.11.012>

Kato, D, Sakai, H, Tkachenko, NV & Hasobe, T 2016, 'High-Yield Excited Triplet States in Pentacene Self-Assembled Monolayers on Gold Nanoparticles through Singlet Exciton Fission', *Angewandte Chemie (International Edition)*, Vuosikerta. 55, Nro 17, Sivut 5230-5234. <https://doi.org/10.1002/anie.201601421>

Sakai, H, Inaya, R, Tkachenko, NV & Hasobe, T 2018, 'High-Yield Generation of Triplet Excited States by an Efficient Sequential Photoinduced Process from Energy Transfer to Singlet Fission in Pentacene-Modified CdSe/ZnS Quantum Dots', *Chemistry - A European Journal*, Vuosikerta. 24, Nro 64, Sivut 17062-17071. <https://doi.org/10.1002/chem.201803257>

Twum, K, Rautiainen, JM, Yu, S, Truong, KN, Feder, J, Rissanen, K, Puttreddy, R & Beyeh, NK 2020, 'Host-Guest Interactions of Sodiumsulfonatomethyleneresorcinarene and Quaternary Ammonium Halides: An Experimental-Computational Analysis of the Guest Inclusion Properties', *Crystal Growth and Design*, Vuosikerta. 20, Nro 4, Sivut 2367-2376. <https://doi.org/10.1021/acs.cgd.9b01540>

Kalimeri, M, Rahaman, O, Melchionna, S & Sterpone, F 2013, 'How conformational flexibility stabilizes the hyperthermophilic elongation factor G-domain', *Journal of Physical Chemistry Part B*, Vuosikerta. 117, Nro 44, Sivut 13775-13785. <https://doi.org/10.1021/jp407078z>

Yang, Y, Kylänpää, I, Tubman, NM, Krogel, JT, Hammes-Schiffer, S & Ceperley, DM 2015, 'How large are nonadiabatic effects in atomic and diatomic systems?', *Journal of Chemical Physics*, Vuosikerta. 143, Nro 12, 124308. <https://doi.org/10.1063/1.4931667>

Passananti, M, Zapadinsky, E, Zanca, T, Kangasluoma, J, Myllys, N, Rissanen, MP, Kurtén, T, Ehn, M, Attoui, M & Vehkamäki, H 2019, 'How well can we predict cluster fragmentation inside a mass spectrometer?', *Chemical Communications*, Vuosikerta. 55, Nro 42, Sivut 5946-5949. <https://doi.org/10.1039/c9cc02896j>

Szabo, HM, Lepistö, R & Tuhkanen, T 2016, 'HPLC-SEC: a new approach to characterise complex wastewater effluents', *International Journal of Environmental Analytical Chemistry*, Vuosikerta. 96, Nro 3, Sivut 257-270. <https://doi.org/10.1080/03067319.2016.1150463>

Gebraad, AWH, Miettinen, S, Grijpma, DW & Haimi, SP 2013, 'Human adipose stem cells in chondrogenic differentiation medium without growth factors differentiate towards annulus fibrosus phenotype in vitro', *Macromolecular symposia*, Vuosikerta. 334, Nro 1, Sivut 49-56. <https://doi.org/10.1002/masy.201300104>

Hladílková, J, Fischer, HE, Jungwirth, P & Mason, PE 2015, 'Hydration of hydroxyl and amino groups examined by molecular dynamics and neutron scattering', *Journal of Physical Chemistry Part B*, Vuosikerta. 119, Nro 21, Sivut 6357-6365. <https://doi.org/10.1021/jp510528u>

Pluhařová, E, Fischer, HE, Mason, PE & Jungwirth, P 2014, 'Hydration of the chloride ion in concentrated aqueous solutions using neutron scattering and molecular dynamics', *Molecular Physics*, Vuosikerta. 112, Nro 9-10, Sivut 1230-1240. <https://doi.org/10.1080/00268976.2013.875231>

Asikainen, S, Paakinaho, K, Kyhkynen, AK, Hannula, M, Malin, M, Ahola, N, Kellomäki, M & Seppälä, J 2019, 'Hydrolysis and drug release from poly(ethylene glycol)-modified lactone polymers with open porosity', *European Polymer Journal*, Vuosikerta. 113, Sivut 165-175. <https://doi.org/10.1016/j.eurpolymj.2019.01.056>

Jowett, GM, Norman, MDA, Yu, TTL, Rosell Arévalo, P, Hoogland, D, Lust, ST, Read, E, Hamrud, E, Walters, NJ, Niazi, U, Chung, MWH, Marciano, D, Omer, OS, Zabinski, T, Danovi, D, Lord, GM, Hilborn, J, Evans, ND, Dreiss, CA, Bozec, L, Oommen, OP, Lorenz, CD, da Silva, RMP, Neves, JF & Gentleman, E 2020, 'ILC1 drive intestinal epithelial and matrix remodelling', *Nature Materials*. <https://doi.org/10.1038/s41563-020-0783-8>

Tan, M, Feng, Y, Wang, H, Zhang, L, Khan, M, Guo, J, Chen, Q & Liu, J 2013, 'Immobilized bioactive agents onto polyurethane surface with heparin and phosphorylcholine group', *Macromolecular Research*, Vuosikerta. 21, Nro 5, Sivut 541-549. <https://doi.org/10.1007/s13233-013-1028-3>

Kousoulidou, M, Ntziachristos, L, Fontaras, G, Martini, G, Dilara, P & Samaras, Z 2012, 'Impact of biodiesel application at various blending ratios on passenger cars of different fueling technologies', *Fuel*, Vuosikerta. 98, Sivut 88-94. <https://doi.org/10.1016/j.fuel.2012.03.038>

Amanatidis, S, Ntziachristos, L, Giechaskiel, B, Bergmann, A & Samaras, Z 2014, 'Impact of selective catalytic reduction on exhaust particle formation over excess ammonia events', *Environmental Science and Technology*, Vuosikerta. 48, Nro 19, Sivut 11527-11534. <https://doi.org/10.1021/es502895v>

Sterpone, F, Nguyen, PH, Kalimeri, M & Derreumaux, P 2013, 'Importance of the ion-pair interactions in the OPEP coarse-grained force field: Parametrization and validation', *Journal of Chemical Theory and Computation*, Vuosikerta. 9, Nro 10, Sivut 4574-4584. <https://doi.org/10.1021/ct4003493>

Vuori, L, Ali-Löytty, H, Lahtonen, K, Hannula, M, Lehtonen, E, Niu, Y & Valden, M 2017, 'Improved corrosion properties of Hot Dip Galvanized Steel by nanomolecular silane layers as hybrid interface between zinc and top coatings', *Corrosion*, Vuosikerta. 73, Nro 2. <https://doi.org/10.5006/2206>

Shakun, A, Poikelispää, M, Das, A & Vuorinen, J 2018, 'Improved electromechanical response in acrylic rubber by different carbon-based fillers', *Polymer Engineering and Science*, Vuosikerta. 58, Nro 3, Sivut 395-404. <https://doi.org/10.1002/pen.24586>

Hannula, M, Ali-Löytty, H, Lahtonen, K, Sarlin, E, Saari, J & Valden, M 2018, 'Improved Stability of Atomic Layer Deposited Amorphous TiO₂ Photoelectrode Coatings by Thermally Induced Oxygen Defects', *Chemistry of Materials*, Vuosikerta. 30, Nro 4, Sivut 1199-1208. <https://doi.org/10.1021/acs.chemmater.7b02938>

Poikelispää, M, Shakun, A, Das, A & Vuorinen, J 2016, 'Improvement of actuation performance of dielectric elastomers by barium titanate and carbon black fillers', *Journal of Applied Polymer Science*, Vuosikerta. 133, Nro 42, 44116. <https://doi.org/10.1002/app.44116>

Janka, L, Berger, LM, Norpoth, J, Trache, R, Thiele, S, Tomastik, C, Matikainen, V & Vuoristo, P 2018, 'Improving the high temperature abrasion resistance of thermally sprayed Cr₃C₂-NiCr coatings by WC addition', *Surface and Coatings Technology*, Vuosikerta. 337, Sivut 296-305. <https://doi.org/10.1016/j.surfcoat.2018.01.035>

Will, OM, Purcz, N, Chalaris, A, Heneweer, C, Boretius, S, Purcz, L, Nikkola, L, Ashammakhi, N, Kalthoff, H, Glüer, CC, Wiltfang, J, Açil, Y & Tiwari, S 2016, 'Increased survival rate by local release of diclofenac in a murine model of recurrent oral carcinoma', *International Journal of Nanomedicine*, Vuosikerta. 11, Sivut 5311-5321. <https://doi.org/10.2147/IJN.S109199>

Hyvönen, M, Ala-Korpela, M, Vaara, J, Rantala, TT & Jokisaari, J 1997, 'Inequivalence of single CH₂ and CH₂ methylene bonds in the interior of a diunsaturated lipid bilayer from a molecular dynamics simulation', *Chemical Physics Letters*, Vuosikerta. 268, Nro 1-2, Sivut 55-60. [https://doi.org/10.1016/S0009-2614\(97\)00171-1](https://doi.org/10.1016/S0009-2614(97)00171-1)

Janka, L, Norpoth, J, Trache, R & Berger, LM 2016, 'Influence of heat treatment on the abrasive wear resistance of a Cr₃C₂NiCr coating deposited by an ethene-fuelled HVOF spray process', *Surface and Coatings Technology*, Vuosikerta. 291, Sivut 444-451. <https://doi.org/10.1016/j.surfcoat.2016.02.066>

Steinhauser, D, Subramaniam, K, Das, A, Heinrich, G & Klüppel, M 2012, 'Influence of ionic liquids on the dielectric relaxation behavior of CNT based elastomer nanocomposites', *Express Polymer Letters*, Vuosikerta. 6, Nro 11, Sivut 927-936. <https://doi.org/10.3144/expresspolymlett.2012.98>

Wang, S, Nawale, GN, Oommen, OP, Hilborn, J & Varghese, OP 2019, 'Influence of ions to modulate hydrazone and oxime reaction kinetics to obtain dynamically cross-linked hyaluronic acid hydrogels', *Polymer Chemistry*, Vuosikerta. 10, Nro 31, Sivut 4322-4327. <https://doi.org/10.1039/c9py00862d>

Varis, T, Suhonen, T, Jokipii, M & Vuoristo, P 2020, 'Influence of powder properties on residual stresses formed in high-pressure liquid fuel HVOF sprayed WC-CoCr coatings', *Surface and Coatings Technology*, Vuosikerta. 388, 125604. <https://doi.org/10.1016/j.surfcoat.2020.125604>

Levin, M, Rojas, E, Vanhala, E, Vippola, M, Liguori, B, Kling, KI, Koponen, IK, Møllhave, K, Tuomi, T, Gregurec, D, Moya, S & Jensen, KA 2015, 'Influence of relative humidity and physical load during storage on dustiness of inorganic nanomaterials: implications for testing and risk assessment', *Journal of Nanoparticle Research*, Vuosikerta. 17, Nro 8, 337. <https://doi.org/10.1007/s11051-015-3139-6>

Vapaavuori, J, Grosrenaud, J, Pellerin, C & Bazuin, CG 2015, 'In Situ Photocontrol of Block Copolymer Morphology during Dip-Coating of Thin Films', *ACS Macro Letters*, Vuosikerta. 4, Nro 10, Sivut 1158-1162. <https://doi.org/10.1021/acsmacrolett.5b00483>

Petrov, M, Cwiklik, L & Jungwirth, P 2011, 'Interactions of molecular ions with model phospholipid membranes', *Collection of Czechoslovak Chemical Communications*, Vuosikerta. 76, Nro 6, Sivut 695-711. <https://doi.org/10.1135/cccc2011026>

Liu, Y, Minofar, B, Desyaterik, Y, Dames, E, Zhu, Z, Cain, JP, Hopkins, RJ, Gilles, MK, Wang, H, Jungwirth, P & Laskin, A 2011, 'Internal structure, hygroscopic and reactive properties of mixed sodium methanesulfonate-sodium chloride particles', *Physical Chemistry Chemical Physics*, Vuosikerta. 13, Nro 25, Sivut 11846-11857. <https://doi.org/10.1039/c1cp20444k>

De Carvalho, SJ, Metzler, R & Cherstvy, AG 2015, 'Inverted critical adsorption of polyelectrolytes in confinement', *Soft Matter*, Vuosikerta. 11, Nro 22, Sivut 4430-4443. <https://doi.org/10.1039/c5sm00635j>

Franzén, R, Morita, M, Tanabe, K, Takagi, H & Shibata, Y 1997, 'Investigation of the adducts formed by reaction of butenedioic acids with adenosine', *Chemical Research in Toxicology*, Vuosikerta. 10, Nro 10, Sivut 1186-1191. <https://doi.org/10.1021/tx970036d>

Pluhařová, E, Jungwirth, P, Bradforth, SE & Slaviček, P 2011, 'Ionization of purine tautomers in nucleobases, nucleosides, and nucleotides: From the gas phase to the aqueous environment', *Journal of Physical Chemistry Part B*, Vuosikerta. 115, Nro 5, Sivut 1294-1305. <https://doi.org/10.1021/jp110388v>

Pluhařová, E, Mason, PE & Jungwirth, P 2013, 'Ion pairing in aqueous lithium salt solutions with monovalent and divalent counter-anions', *Journal of Physical Chemistry A*, Vuosikerta. 117, Nro 46, Sivut 11766-11773. <https://doi.org/10.1021/jp402532e>

Khan, MN & Zharnikov, M 2013, 'Irradiation promoted exchange reaction with disulfide substituents', *Journal of Physical Chemistry C*, Vuosikerta. 117, Nro 28, Sivut 14534-14543. <https://doi.org/10.1021/jp4006026>

Lowe, SJ, Partridge, DG, Davies, JF, Wilson, KR, Topping, D & Riipinen, I 2019, 'Key drivers of cloud response to surface-active organics', *Nature Communications*, Vuosikerta. 10, Nro 1, 5214. <https://doi.org/10.1038/s41467-019-12982-0>

Hajdu-Rahkama, R, Özkaya, B, Lakaniemi, AM & Puhakka, JA 2020, 'Kinetics and modelling of thiosulphate biotransformations by haloalkaliphilic Thioalkalivibrio versutus', *Chemical Engineering Journal*, Vuosikerta. 401, 126047. <https://doi.org/10.1016/j.cej.2020.126047>

Pekkanen, TT, Timonen, RS, Lendvay, G, Rissanen, MP & Eskola, AJ 2019, 'Kinetics and thermochemistry of the reaction of 3-methylpropargyl radical with molecular oxygen', *PROCEEDINGS OF THE COMBUSTION INSTITUTE*, Vuosikerta. 37, Nro 1, Sivut 299-306. <https://doi.org/10.1016/j.proci.2018.05.050>

Näreoja, T, Ebner, A, Gruber, HJ, Taskinen, B, Kienberger, F, Hänninen, PE, Hytönen, VP, Hinterdorfer, P & Härmä, H 2014, 'Kinetics of bioconjugate nanoparticle label binding in a sandwich-type immunoassay', *Analytical and Bioanalytical Chemistry*, Vuosikerta. 406, Nro 2, Sivut 493-503. <https://doi.org/10.1007/s00216-013-7474-0>

Le, HH, Hoang, XT, Das, A, Gohs, U, Stoeckelhuber, KW, Boldt, R, Heinrich, G, Adhikari, R & Rausch, HJ 2012, 'Kinetics of filler wetting and dispersion in carbon nanotube/rubber composites', *Carbon*, Vuosikerta. 50, Nro 12, Sivut 4543-4556. <https://doi.org/10.1016/j.carbon.2012.05.039>

Shin, J, Cherstvy, AG & Metzler, R 2015, 'Kinetics of polymer looping with macromolecular crowding: Effects of volume fraction and crowder size', *Soft Matter*, Vuosikerta. 11, Nro 3, Sivut 472-488. <https://doi.org/10.1039/c4sm02007c>

Sharma, V, Yiannacou, K, Karjalainen, M, Lahtonen, K, Valden, M & Sariola, V 2019, 'Large-scale efficient water harvesting using bioinspired micro-patterned copper oxide nanoneedle surfaces and guided droplet transport', *Nanoscale Advances*, Vuosikerta. 1, Nro 10, Sivut 4025-4040. <https://doi.org/10.1039/c9na00405j>

Frochot, C, Barberi-Heyob, M, Blanchard-Desce, M, Bolotine, L, Bonneau, S, Jimenez, CM, Durand, JO, Lassalle, HP, Lemercier, G, Mordon, S, Maillard, P, Sol, V, Vever-Bizet, C & Vicendo, P 2015, 'La thérapie photodynamique: État de l'art et perspectives', *ACTUALITE CHIMIQUE*, Nro 397-398, Sivut 46-50.

Leuteritz, A, Kutlu, B, Meinel, J, Wang, D, Das, A, Wagenknecht, U & Heinrich, G 2012, 'Layered Double Hydroxides (LDH): A multifunctional versatile system for nanocomposites', *Molecular Crystals and Liquid Crystals*, Vuosikerta. 556, Sivut 107-113. <https://doi.org/10.1080/15421406.2012.635923>

Czaplicki, R, Kiviniemi, A, Huttunen, MJ, Zang, X, Stolt, T, Vartiainen, I, Butet, J, Kuittinen, M, Martin, OJF & Kauranen, M 2018, 'Less Is More: Enhancement of Second-Harmonic Generation from Metasurfaces by Reduced Nanoparticle Density', *Nano Letters*, Vuosikerta. 18, Nro 12, Sivut 7709-7714. <https://doi.org/10.1021/acs.nanolett.8b03378>

Koskela, JE, Liljeström, V, Lim, J, Simanek, EE, Ras, RHA, Priimagi, A & Kostianen, MA 2014, 'Light-fuelled transport of large dendrimers and proteins', *Journal of the American Chemical Society*, Vuosikerta. 136, Nro 19, Sivut 6850-6853. <https://doi.org/10.1021/ja502623m>

Vazdar, M, Vymětal, J, Heyda, J, Vondrášek, J & Jungwirth, P 2011, 'Like-charge guanidinium pairing from molecular dynamics and ab initio calculations', *Journal of Physical Chemistry A*, Vuosikerta. 115, Nro 41, Sivut 11193-11201. <https://doi.org/10.1021/jp203519p>

Aisala, H, Manninen, H, Laaksonen, T, Linderborg, KM, Myoda, T, Hopia, A & Sandell, M 2020, 'Linking volatile and non-volatile compounds to sensory profiles and consumer liking of wild edible Nordic mushrooms', *Food Chemistry*, Vuosikerta. 304, 125403. <https://doi.org/10.1016/j.foodchem.2019.125403>

La Rosa, C, Scalisi, S, Lolicato, F, Pannuzzo, M & Raudino, A 2016, 'Lipid-assisted protein transport: A diffusion-reaction model supported by kinetic experiments and molecular dynamics simulations', *Journal of Chemical Physics*, Vuosikerta. 144, Nro 18, 184901. <https://doi.org/10.1063/1.4948323>

Hakkarainen, TV, Schramm, A, Mäkelä, J, Laukkanen, P & Guina, M 2015, 'Lithography-free oxide patterns as templates for self-catalyzed growth of highly uniform GaAs nanowires on Si(111)', *Nanotechnology*, Vuosikerta. 26, Nro 27, 275301. <https://doi.org/10.1088/0957-4484/26/27/275301>

Le, HH, Oßwald, K, Wießner, S, Das, A, Stöckelhuber, KW, Boldt, R, Gupta, G, Heinrich, G & Rausch, HJ 2013, 'Location of dispersing agent in rubber nanocomposites during mixing process', *Polymer*, Vuosikerta. 54, Nro 26, Sivut 7009-7021. <https://doi.org/10.1016/j.polymer.2013.10.038>

- Priimagi, A, Shimamura, A, Kondo, M, Hiraoka, T, Kubo, S, Mamiya, JI, Kinoshita, M, Ikeda, T & Shishido, A 2012, 'Location of the Azobenzene moieties within the cross-linked liquid-crystalline polymers can dictate the direction of photoinduced bending', *ACS Macro Letters*, Vuosikerta. 1, Nro 1, Sivut 96-99. <https://doi.org/10.1021/mz200056w>
- Smith, JD, Mitsakou, C, Kitwiroon, N, Barratt, BM, Walton, HA, Taylor, JG, Anderson, HR, Kelly, FJ & Beevers, SD 2016, 'London Hybrid Exposure Model: Improving Human Exposure Estimates to NO₂ and PM_{2.5} in an Urban Setting', *Environmental Science and Technology*, Vuosikerta. 50, Nro 21, Sivut 11760-11768. <https://doi.org/10.1021/acs.est.6b01817>
- Sakuma, T, Sakai, H, Araki, Y, Mori, T, Wada, T, Tkachenko, NV & Hasobe, T 2016, 'Long-Lived Triplet Excited States of Bent-Shaped Pentacene Dimers by Intramolecular Singlet Fission', *Journal of Physical Chemistry A*, Vuosikerta. 120, Nro 11, Sivut 1867-1875. <https://doi.org/10.1021/acs.jpca.6b00988>
- Baek, J, Umeyama, T, Stranius, K, Yamada, H, Tkachenko, NV & Imahori, H 2017, 'Long-Range Observation of Exciplex Formation and Decay Mediated by One-Dimensional Bridges', *Journal of Physical Chemistry C*, Vuosikerta. 121, Nro 25, Sivut 13952-13961. <https://doi.org/10.1021/acs.jpcc.7b04483>
- Shin, M, Kim, J, Jung, YK, Ruoko, T-P, Priimagi, A, Walsh, A & Shin, B 2019, 'Low-dimensional formamidinium lead perovskite architectures via controllable solvent intercalation', *Journal of Materials Chemistry C*, Vuosikerta. 7, Nro 13, Sivut 3945-3951. <https://doi.org/10.1039/c9tc00379g>
- Donadei, V, Koivuluoto, H, Sarlin, E & Vuoristo, P 2020, 'Lubricated icephobic coatings prepared by flame spraying with hybrid feedstock injection', *Surface and Coatings Technology*, Vuosikerta. 403, 126396. <https://doi.org/10.1016/j.surfcoat.2020.126396>
- Rinne, J, Keskinen, J, Berger, PR, Lupo, D & Valkama, M 2018, 'M2M Communication Assessment in Energy-Harvesting and Wake-Up Radio Assisted Scenarios Using Practical Components', *Sensors (Basel, Switzerland)*, Vuosikerta. 18, Nro 11. <https://doi.org/10.3390/s18113992>
- Närhi, M, Salmela, L, Toivonen, J, Billet, C, Dudley, JM & Genty, G 2018, 'Machine learning analysis of extreme events in optical fibre modulation instability', *Nature Communications*, Vuosikerta. 9, Nro 1. <https://doi.org/10.1038/s41467-018-07355-y>
- Salmenjoki, H, Alava, MJ & Laurson, L 2018, 'Machine learning plastic deformation of crystals', *Nature Communications*, Vuosikerta. 9, Nro 1, 5307. <https://doi.org/10.1038/s41467-018-07737-2>
- Airiskallio, E, Nurmi, E, Väyrynen, IJ, Kokko, K, Ropo, M, Punkkinen, MPJ, Johansson, B & Vitos, L 2014, 'Magnetic origin of the chemical balance in alloyed Fe-Cr stainless steels: First-principles and Ising model study', *Computational Materials Science*, Vuosikerta. 92, Sivut 135-140. <https://doi.org/10.1016/j.commatsci.2014.05.036>
- Izdebskaya, Y, Shvedov, V, Assanto, G & Krolikowski, W 2017, 'Magnetic routing of light-induced waveguides', *Nature Communications*, Vuosikerta. 8, 14452. <https://doi.org/10.1038/ncomms14452>
- Khan, M, Yang, J, Shi, C, Feng, Y, Zhang, W, Gibney, K & Tew, GN 2015, 'Manipulation of polycarbonate urethane bulk properties via incorporated zwitterionic polynorborene for tissue engineering application', *RSC Advances*, Vuosikerta. 5, Nro 15, Sivut 11284-11292. <https://doi.org/10.1039/C4RA14608E>
- Liimatainen, V, Vuckovac, M, Jokinen, V, Sariola, V, Hokkanen, MJ, Zhou, Q & Ras, RHA 2017, 'Mapping microscale wetting variations on biological and synthetic water-repellent surfaces', *Nature Communications*, Vuosikerta. 8, Nro 1, 1798. <https://doi.org/10.1038/s41467-017-01510-7>
- Itävuori, P, Hulthén, E, Yahyaoui, M & Vilkkonen, M 2019, 'Mass balance control of crushing circuits', *Minerals Engineering*, Vuosikerta. 135, Sivut 37-47. <https://doi.org/10.1016/j.mineng.2019.02.033>

- Isoniemi, T, Tuukkanen, S, Cameron, DC, Simonen, J & Toppari, JJ 2015, 'Measuring optical anisotropy in poly(3,4-ethylene dioxythiophene): poly(styrene sulfonate) films with added graphene', *Organic Electronics*, Vuosikerta. 25, Sivut 317-323. <https://doi.org/10.1016/j.orgel.2015.06.037>, <https://doi.org/10.1016/j.orgel.2015.06.037>
- Frankberg, EJ, George, L, Efimov, A, Honkanen, M, Pessi, J & Levänen, E 2015, 'Measuring synthesis yield in graphene oxide synthesis by modified hummers method', *Fullerenes Nanotubes and Carbon Nanostructures*, Vuosikerta. 23, Nro 9, Sivut 755-759. <https://doi.org/10.1080/1536383X.2014.993754>
- Rajan, R, Rainosalu, E, Ramamoorthy, SK, Thomas, SP, Zavašnik, J, Vuorinen, J & Skrifvars, M 2018, 'Mechanical, thermal, and burning properties of viscose fabric composites: Influence of epoxy resin modification', *Journal of Applied Polymer Science*, Vuosikerta. 135, Nro 36, 46673. <https://doi.org/10.1002/app.46673>
- Stirnemann, G, Wernersson, E, Jungwirth, P & Laage, D 2013, 'Mechanisms of acceleration and retardation of water dynamics by ions', *Journal of the American Chemical Society*, Vuosikerta. 135, Nro 32, Sivut 11824-11831. <https://doi.org/10.1021/ja405201s>
- Rytkönen, A, Valkealahti, S & Manninen, M 1997, 'Melting and evaporation of argon clusters', *Journal of Chemical Physics*, Vuosikerta. 106, Nro 5, Sivut 1888-1892. <https://doi.org/10.1063/1.473327>
- Valkealahti, S & Manninen, M 1993, 'Melting of copper clusters', *Computational Materials Science*, Vuosikerta. 1, Nro 2, Sivut 123-134. [https://doi.org/10.1016/0927-0256\(93\)90003-6](https://doi.org/10.1016/0927-0256(93)90003-6)
- Timr, Š, Pleskot, R, Kadlec, J, Kohagen, M, Magarkar, A & Jungwirth, P 2017, 'Membrane Binding of Recoverin: From Mechanistic Understanding to Biological Functionality', *ACS Central Science*, Vuosikerta. 3, Nro 8, Sivut 868-874. <https://doi.org/10.1021/acscentsci.7b00210>
- Magarkar, A, Parkkila, P, Viitala, T, Lajunen, T, Mobarak, E, Licari, G, Cramariuc, O, Vauthey, E, Róg, T & Bunker, A 2018, 'Membrane bound COMT isoform is an interfacial enzyme: General mechanism and new drug design paradigm', *Chemical Communications*, Vuosikerta. 54, Nro 28, Sivut 3440-3443. <https://doi.org/10.1039/c8cc00221e>
- Guixà-González, R, Albasanz, JL, Rodriguez-Espigares, I, Pastor, M, Sanz, F, Martí-Solano, M, Manna, M, Martinez-Seara, H, Hildebrand, PW, Martín, M & Selent, J 2017, 'Membrane cholesterol access into a G-protein-coupled receptor', *Nature Communications*, Vuosikerta. 8, 14505. <https://doi.org/10.1038/ncomms14505>
- Tienaho, J, Karonen, M, Muilu-Mäkelä, R, Wähälä, K, Denegri, EL, Franzén, R, Karp, M, Santala, V & Sarjala, T 2019, 'Metabolic profiling of water-soluble compounds from the extracts of dark septate endophytic fungi (DSE) isolated from scots pine (*Pinus sylvestris* L.) seedlings using UPLC-orbitrap-MS', *Molecules*, Vuosikerta. 24, Nro 12, 2330. <https://doi.org/10.3390/molecules24122330>
- Mal, J, Nancharaiah, YV, Van Hullebusch, ED & Lens, PNL 2016, 'Metal chalcogenide quantum dots: Biotechnological synthesis and applications', *RSC Advances*, Vuosikerta. 6, Nro 47, Sivut 41477-41495. <https://doi.org/10.1039/c6ra08447h>
- Ali, I, Suominen, O, Gotchev, A & Morales, ER 2019, 'Methods for simultaneous robot-world-hand-eye calibration: A comparative study', *Sensors (Switzerland)*, Vuosikerta. 19, Nro 12, 2837. <https://doi.org/10.3390/s19122837>
- Iantovics, LB, Dehmer, M & Emmert-Streib, F 2018, 'MetrIntSimil-an accurate and robust metric for comparison of similarity in intelligence of any number of cooperative multiagent systems', *Symmetry*, Vuosikerta. 10, Nro 2, 48. <https://doi.org/10.3390/sym10020048>
- Kuzmin, MG, Soboleva, IV, Durandin, NA, Lisitsyna, ES & Kuzmin, VA 2014, 'Microphase mechanism of "superquenching" of luminescent probes in aqueous solutions of DNA and some other polyelectrolytes', *Journal of Physical Chemistry Part B*, Vuosikerta. 118, Nro 15, Sivut 4245-4252. <https://doi.org/10.1021/jp500713q>

- Viljanen, J, Sun, Z & Alwahabi, ZT 2016, 'Microwave assisted laser-induced breakdown spectroscopy at ambient conditions', *Spectrochimica Acta Part B: Atomic Spectroscopy*, Vuosikerta. 118, Sivut 29-36. <https://doi.org/10.1016/j.sab.2016.02.002>
- Mäki, AJ, Peltokangas, M, Kreutzer, J, Auvinen, S & Kallio, P 2015, 'Modeling carbon dioxide transport in PDMS-based microfluidic cell culture devices', *Chemical Engineering Science*, Vuosikerta. 137, Sivut 515-524. <https://doi.org/10.1016/j.ces.2015.06.065>
- Pluhařová, E, Slavíček, P & Jungwirth, P 2015, 'Modeling photoionization of aqueous DNA and its components', *Accounts of Chemical Research*, Vuosikerta. 48, Nro 5, Sivut 1209-1217. <https://doi.org/10.1021/ar500366z>
- Oliveira, LMC, Koivisto, H, Iwakiri, IGI, Loureiro, JM, Ribeiro, AM & Nogueira, IBR 2020, 'Modelling of a pressure swing adsorption unit by deep learning and artificial Intelligence tools', *Chemical Engineering Science*, Vuosikerta. 224, 115801. <https://doi.org/10.1016/j.ces.2020.115801>
- Rajan, R, Rainosalo, E, Thomas, SP, Ramamoorthy, SK, Zavašnik, J, Vuorinen, J & Skrifvars, M 2018, 'Modification of epoxy resin by silane-coupling agent to improve tensile properties of viscose fabric composites', *Polymer Bulletin*, Vuosikerta. 75, Nro 1, Sivut 167-195. <https://doi.org/10.1007/s00289-017-2022-2>
- Palmolahti, L, Ali-Löytty, H, Khan, R, Saari, J, Tkachenko, NV & Valden, M 2020, 'Modification of Surface States of Hematite-Based Photoanodes by Submonolayer of TiO₂ for Enhanced Solar Water Splitting', *Journal of Physical Chemistry C*, Vuosikerta. 124, Nro 24, Sivut 13094-13101. <https://doi.org/10.1021/acs.jpcc.0c00798>
- Trainer, DJ, Putilov, AV, Wang, B, Lane, C, Saari, T, Chang, TR, Jeng, HT, Lin, H, Xi, X, Nieminen, J, Bansil, A & Iavarone, M 2019, 'Moiré superlattices and 2D electronic properties of graphite/MoS₂ heterostructures', *Journal of Physics and Chemistry of Solids*, Vuosikerta. 128, Sivut 325-330. <https://doi.org/10.1016/j.jpcs.2017.10.034>
- Ye, Q, Wang, M, Hofbauer, V, Stolzenburg, D, Chen, D, Schervish, M, Vogel, A, Mauldin, RL, Baalbaki, R, Brilke, S, Dada, L, Dias, A, Duplissy, J, El Haddad, I, Finkenzeller, H, Fischer, L, He, X, Kim, C, Kürten, A, Lamkaddam, H, Lee, CP, Lehtipalo, K, Leiminger, M, Manninen, HE, Marten, R, Mentler, B, Partoll, E, Petäjä, T, Rissanen, M, Schobesberger, S, Schuchmann, S, Simon, M, Tham, YJ, Vazquez-Pufleau, M, Wagner, AC, Wang, Y, Wu, Y, Xiao, M, Baltensperger, U, Curtius, J, Flagan, R, Kirkby, J, Kulmala, M, Volkamer, R, Winkler, PM, Worsnop, D & Donahue, NM 2019, 'Molecular Composition and Volatility of Nucleated Particles from α -Pinene Oxidation between -50 °C and +25 °C', *Environmental Science and Technology*, Vuosikerta. 53, Nro 21, Sivut 12357-12365. <https://doi.org/10.1021/acs.est.9b03265>
- Ter Schiphorst, J, Coleman, S, Stumpel, JE, Ben Azouz, A, Diamond, D & Schenning, APHJ 2015, 'Molecular Design of Light-Responsive Hydrogels, for in Situ Generation of Fast and Reversible Valves for Microfluidic Applications', *Chemistry of Materials*, Vuosikerta. 27, Nro 17, Sivut 5925-5931. <https://doi.org/10.1021/acs.chemmater.5b01860>
- Isca, VMS, Ferreira, RJ, Garcia, C, Monteiro, CM, Dinic, J, Holmstedt, S, André, V, Pesic, M, Dos Santos, DJVA, Candeias, NR, Afonso, CAM & Rijo, P 2020, 'Molecular Docking Studies of Royleanone Diterpenoids from *Plectranthus* spp. as P-Glycoprotein Inhibitors', *ACS MEDICINAL CHEMISTRY LETTERS*, Vuosikerta. 11, Nro 5, Sivut 839-845. <https://doi.org/10.1021/acsmedchemlett.9b00642>
- Manna, M & Mukhopadhyay, C 2011, 'Molecular dynamics simulations of the interactions of kinin peptides with an anionic POPG bilayer', *Langmuir*, Vuosikerta. 27, Nro 7, Sivut 3713-3722. <https://doi.org/10.1021/la104046z>
- Kurppa, K, Hytönen, VP, Nakari-Setälä, T, Kulomaa, MS & Linder, MB 2014, 'Molecular engineering of avidin and hydrophobin for functional self-assembling interfaces', *Colloids and Surfaces B: Biointerfaces*, Vuosikerta. 120, Sivut 102-109. <https://doi.org/10.1016/j.colsurfb.2014.05.010>
- Borah, D, Ozmen, M, Rasappa, S, Shaw, MT, Holmes, JD & Morris, MA 2013, 'Molecularly functionalized silicon substrates for orientation control of the microphase separation of PS-b-PMMA and PS-b-PDMS block copolymer systems', *Langmuir*, Vuosikerta. 29, Nro 9, Sivut 2809-2820. <https://doi.org/10.1021/la304140q>

Ylilauri, M, Mattila, E, Nurminen, EM, Käpylä, J, Niinivehmas, SP, Määttä, JA, Pentikäinen, U, Ivaska, J & Pentikäinen, OT 2013, 'Molecular mechanism of T-cell protein tyrosine phosphatase (TCPTP) activation by mitoxantrone', *Biochimica et biophysica acta: proteins and proteomics*, Vuosikerta. 1834, Nro 10, Sivut 1988-1997. <https://doi.org/10.1016/j.bbapap.2013.07.001>

Rembert, KB, Paterová, J, Heyda, J, Hilty, C, Jungwirth, P & Cremer, PS 2012, 'Molecular mechanisms of ion-specific effects on proteins', *Journal of the American Chemical Society*, Vuosikerta. 134, Nro 24, Sivut 10039-10046. <https://doi.org/10.1021/ja301297g>

Chevrier, DM, Raich, L, Rovira, C, Das, A, Luo, Z, Yao, Q, Chatt, A, Xie, J, Jin, R, Akola, J & Zhang, P 2018, 'Molecular-Scale Ligand Effects in Small Gold-Thiolate Nanoclusters', *Journal of the American Chemical Society*, Vuosikerta. 140, Nro 45, Sivut 15430-15436. <https://doi.org/10.1021/jacs.8b09440>

Jungwirth, P 2014, 'Molekuly a ionty v pohybu: Počítačové simulace biochemických a biofyzikálních procesů', *Chemické Listy*, Vuosikerta. 108, Nro 4, Sivut 278-284.

Pasanen, HP, Vivo, P, Canil, L, Hempel, H, Unold, T, Abate, A & Tkachenko, NV 2020, 'Monitoring Charge Carrier Diffusion across a Perovskite Film with Transient Absorption Spectroscopy', *The journal of physical chemistry letters*, Vuosikerta. 11, Nro 2, Sivut 445-450. <https://doi.org/10.1021/acs.jpcllett.9b03427>

Milne, D, Wilson, JIB, Rantala, TT & Lenkkeri, J 1989, 'Morphological and structural changes in laser CVD of silicon: comparison of theoretical temperature calculations with experimental results', *Applied Surface Science*, Vuosikerta. 43, Nro 1-4, Sivut 81-86. [https://doi.org/10.1016/0169-4332\(89\)90194-3](https://doi.org/10.1016/0169-4332(89)90194-3)

Nair, AK, Bhavitha, KB, Perumbilavil, S, Sankar, P, Rouxel, D, Kala, MS, Thomas, S & Kalarikkal, N 2018, 'Multifunctional nitrogen sulfur co-doped reduced graphene oxide – Ag nano hybrids (sphere, cube and wire) for nonlinear optical and SERS applications', *Carbon*, Vuosikerta. 132, Sivut 380-393. <https://doi.org/10.1016/j.carbon.2018.02.068>

Mandal, S & Tkachenko, NV 2019, 'Multiphoton Excitation of CsPbBr₃ Perovskite Quantum Dots (PQDs): How Many Electrons Can One PQD Donate to Multiple Molecular Acceptors?', *Journal of Physical Chemistry Letters*, Sivut 2775-2781. <https://doi.org/10.1021/acs.jpcllett.9b01045>

Reshef, O, Saad-Bin-Alam, M, Huttunen, MJ, Carlow, G, Sullivan, BT, Ménard, JM, Dolgaleva, K & Boyd, RW 2019, 'Multiresonant High-Q Plasmonic Metasurfaces', *Nano Letters*, Vuosikerta. 19, Nro 9, Sivut 6429-6434. <https://doi.org/10.1021/acs.nanolett.9b02638>

Liang, Y, Ma, L, Wang, J & Wang, G 2015, 'Multistep reactions of water with small Pd_n clusters: A first principles study', *Journal of Theoretical and Computational Chemistry*, Vuosikerta. 14, Nro 3, 1550017. <https://doi.org/10.1142/S0219633615500170>

Knasmüller, S, Zöhrer, E, Kronberg, L, Kundi, M, Franzen, R & Schulte-Hermann, R 1996, 'Mutational spectra of Salmonella typhimurium revertants induced by chlorohydroxyfuranones, byproducts of chlorine disinfection of drinking water', *Chemical Research in Toxicology*, Vuosikerta. 9, Nro 2, Sivut 374-381. <https://doi.org/10.1021/tx9500686>

Poikkimäki, M, Koljonen, V, Leskinen, N, Närhi, M, Kangasniemi, O, Kausiala, O & Dal Maso, M 2019, 'Nanocluster Aerosol Emissions of a 3D Printer', *Environmental Science and Technology*, Vuosikerta. 53, Nro 23, Sivut 13618-13628. <https://doi.org/10.1021/acs.est.9b05317>

Vapaavuori, J, Mahimwalla, Z, Chromik, RR, Kaivola, M, Priimägi, A & Barrett, CJ 2013, 'Nanoindentation study of light-induced softening of supramolecular and covalently functionalized azo polymers', *Journal of Materials Chemistry C*, Vuosikerta. 1, Nro 16, Sivut 2806-2810. <https://doi.org/10.1039/c3tc30246f>

Oksala, NKJ, Ekmekçi, FG, Özsoy, E, Kirankaya, Ş, Kokkola, T, Emecen, G, Lappalainen, J, Kaarniranta, K & Atalay, M 2014, 'Natural thermal adaptation increases heat shock protein levels and decreases oxidative stress', *REDOX BIOLOGY*, Vuosikerta. 3, Sivut 25-28. <https://doi.org/10.1016/j.redox.2014.10.003>

Piccardi, A, Alberucci, A, Kravets, N, Buchnev, O & Assanto, G 2017, 'Nematicon-enhanced spontaneous symmetry breaking', *Molecular Crystals and Liquid Crystals*, Vuosikerta. 649, Nro 1, Sivut 59-65. <https://doi.org/10.1080/15421406.2017.1303916>

Serak, SV, Tabiryan, NV & Assanto, G 2012, 'Nematicons in azobenzene liquid crystals', *Molecular Crystals and Liquid Crystals*, Vuosikerta. 559, Sivut 202-213. <https://doi.org/10.1080/15421406.2012.658710>

Subramaniam, K, Das, A, Simon, F & Heinrich, G 2013, 'Networking of ionic liquid modified CNTs in SBR', *European Polymer Journal*, Vuosikerta. 49, Nro 2, Sivut 345-352. <https://doi.org/10.1016/j.eurpolymj.2012.10.023>

Ray, S, Steven, RT, Green, FM, Höök, F, Taskinen, B, Hytönen, VP & Shard, AG 2015, 'Neutralized chimeric avidin binding at a reference biosensor surface', *Langmuir*, Vuosikerta. 31, Nro 6, Sivut 1921-1930. <https://doi.org/10.1021/la503213f>

Mubarakali, D, Praveenkumar, R, Shenbagavalli, T, Mari Nivetha, T, Parveez Ahamed, A, Al-Dhabi, NA & Thajuddin, N 2012, 'New reports on anti-bacterial and anti-candidal activities of fatty acid methyl esters (FAME) obtained from *Scenedesmus bijugatus* var. *bicellularis* biomass', *RSC Advances*, Vuosikerta. 2, Nro 30, Sivut 11552-11556. <https://doi.org/10.1039/c2ra21130k>

Timr, Š, Brabec, J, Bondar, A, Ryba, T, Železný, M, Lazar, J & Jungwirth, P 2015, 'Nonlinear Optical Properties of Fluorescent Dyes Allow for Accurate Determination of Their Molecular Orientations in Phospholipid Membranes', *Journal of Physical Chemistry Part B*, Vuosikerta. 119, Nro 30, Sivut 9706-9716. <https://doi.org/10.1021/acs.jpccb.5b05123>

Perumbilavil, S, Sridharan, K, Abraham, AR, Janardhanan, HP, Kalarikkal, N & Philip, R 2016, 'Nonlinear transmittance and optical power limiting in magnesium ferrite nanoparticles: effects of laser pulsewidth and particle size', *RSC Advances*, Vuosikerta. 6, Nro 108, Sivut 106754-106761. <https://doi.org/10.1039/c6ra15788b>

Sankari, A, Stråhlman, C, Sankari, R, Partanen, L, Laksman, J, Kettunen, JA, Galván, IF, Lindh, R, Malmqvist, PÅ & Sorensen, SL 2020, 'Non-radiative decay and fragmentation in water molecules after 1 a 1-1 4 a 1 excitation and core ionization studied by electron-energy-resolved electron-ion coincidence spectroscopy', *Journal of Chemical Physics*, Vuosikerta. 152, Nro 7, 074302. <https://doi.org/10.1063/1.5141414>

Ghosh, SK, Cherstvy, AG & Metzler, R 2015, 'Non-universal tracer diffusion in crowded media of non-inert obstacles', *Physical Chemistry Chemical Physics*, Vuosikerta. 17, Nro 3, Sivut 1847-1858. <https://doi.org/10.1039/c4cp03599b>

Akimova, AV, Grin, MA, Golovina, GV, Kokrashvili, TA, Vinogradov, AM, Mironov, AF, Rychkov, GN, Shtil, AA, Kuzmin, VA & Durandin, NA 2014, 'Novel derivatives of bacteriochlorophyll a: Complex formation with albumin and the mechanism of tumor cell photodamage', *DOKLADY BIOCHEMISTRY AND BIOPHYSICS*, Vuosikerta. 454, Nro 1, Sivut 17-20. <https://doi.org/10.1134/S1607672914010062>

Ojha, N, Szczodra, A, Boetti, NG, Massera, J & Petit, L 2020, 'Nucleation and growth behavior of Er³⁺ doped oxyfluorophosphate glasses', *RSC Advances*, Vuosikerta. 10, Nro 43, Sivut 25703-25716. <https://doi.org/10.1039/d0ra04681g>

Levoska, J, Rantala, TT & Lenkkeri, J 1989, 'Numerical simulation of temperature distributions in layered structures during laser processing', *Applied Surface Science*, Vuosikerta. 36, Nro 1-4, Sivut 12-22. [https://doi.org/10.1016/0169-4332\(89\)90895-7](https://doi.org/10.1016/0169-4332(89)90895-7)

Kezilebieke, S, Žitko, R, Dvorak, M, Ojanen, T & Liljeroth, P 2019, 'Observation of Coexistence of Yu-Shiba-Rusinov States and Spin-Flip Excitations', *Nano Letters*, Vuosikerta. 19, Nro 7, Sivut 4614-4619. <https://doi.org/10.1021/acs.nanolett.9b01583>

Kastinen, T, Niskanen, M, Risko, C, Cramariuc, O & Hukka, TI 2016, 'On describing the optoelectronic characteristics of poly(benzodithiophene- Co -quinoxaline)-fullerene complexes: The influence of optimally tuned density functionals', *Physical Chemistry Chemical Physics*, Vuosikerta. 18, Nro 39, Sivut 27654-27670. <https://doi.org/10.1039/c6cp04567g>

Dehmer, M, Varmuza, K, Borgert, S & Emmert-Streib, F 2009, 'On entropy-based molecular descriptors: Statistical analysis of real and synthetic chemical structures', *Journal of Chemical Information and Modeling*, Vuosikerta. 49, Nro 7, Sivut 1655-1663. <https://doi.org/10.1021/ci900060x>

Baratto, C, Golovanova, V, Faglia, G, Hakola, H, Niemi, T, Tkachenko, N, Nazarchurk, B & Golovanov, V 2020, 'On the alignment of ZnO nanowires by Langmuir – Blodgett technique for sensing application', *Applied Surface Science*, Vuosikerta. 528, 146959. <https://doi.org/10.1016/j.apsusc.2020.146959>

Zorzi, GK, Párraga, JE, Seijo, B & Sánchez, A 2015, 'On the biomaterials for nanostructured ocular therapeutics', *Current Organic Chemistry*, Vuosikerta. 19, Nro 15, Sivut 1443-1459.

Virkki, M, Maurice, A, Forni, A, Sironi, M, Dichiarante, V, Brevet, PF, Metrangolo, P, Kauranen, M & Priimagi, A 2018, 'On the molecular optical nonlinearity of halogen-bond-forming azobenzenes', *Physical Chemistry Chemical Physics*, Vuosikerta. 20, Nro 45, Sivut 28810-28817. <https://doi.org/10.1039/c8cp05392h>

Sadiek, I, Mikkonen, T, Vainio, M, Toivonen, J & Foltynowicz, A 2018, 'Optical frequency comb photoacoustic spectroscopy', *Physical Chemistry Chemical Physics*, Vuosikerta. 20, Nro 44, Sivut 27849-27855. <https://doi.org/10.1039/c8cp05666h>

Kattiparambil Rajan, D, Patrikoski, M, Verho, J, Sivula, J, Ihalainen, H, Miettinen, S & Lekkala, J 2016, 'Optical non-contact pH measurement in cell culture with sterilizable, modular parts', *Talanta*, Vuosikerta. 161, Sivut 755-761. <https://doi.org/10.1016/j.talanta.2016.09.021>

Soto, AM, Koivisto, JT, Parraga, JE, Silva-Correia, J, Oliveira, JM, Reis, RL, Kellomäki, M, Hyttinen, J & Figueiras, E 2016, 'Optical Projection Tomography Technique for Image Texture and Mass Transport Studies in Hydrogels Based on Gellan Gum', *Langmuir*, Vuosikerta. 32, Nro 20, Sivut 5173-5182. <https://doi.org/10.1021/acs.langmuir.6b00554>

Uhlig, F, Herbert, JM, Coons, MP & Jungwirth, P 2014, 'Optical spectroscopy of the bulk and interfacial hydrated electron from ab initio calculations', *Journal of Physical Chemistry A*, Vuosikerta. 118, Nro 35, Sivut 7507-7515. <https://doi.org/10.1021/jp5004243>

Barboza, R, Bortolozzo, U, Assanto, G & Residori, S 2013, 'Optical vortex generation in nematic liquid crystal light valves', *Molecular Crystals and Liquid Crystals*, Vuosikerta. 572, Nro 1, Sivut 24-30. <https://doi.org/10.1080/15421406.2012.763206>

Sanginés, R, Contreras, V, Sobral, H & Robledo-Martinez, A 2015, 'Optimal emission enhancement in orthogonal double-pulse laser-induced breakdown spectroscopy', *Spectrochimica Acta Part B: Atomic Spectroscopy*, Vuosikerta. 110, 4935, Sivut 139-145. <https://doi.org/10.1016/j.sab.2015.06.012>

Varis, T, Suhonen, T, Calonijs, O, Čuban, J & Pietola, M 2016, 'Optimization of HVOF Cr₃C₂-NiCr coating for increased fatigue performance', *Surface and Coatings Technology*, Vuosikerta. 305, Sivut 123-131. <https://doi.org/10.1016/j.surfcoat.2016.08.012>

Wernersson, E, Heyda, J, Vazdar, M, Lund, M, Mason, PE & Jungwirth, P 2011, 'Orientational dependence of the affinity of guanidinium ions to the water surface', *Journal of Physical Chemistry Part B*, Vuosikerta. 115, Nro 43, Sivut 12521-12526. <https://doi.org/10.1021/jp207499s>

Saccone, M, Kuntze, K, Ahmed, Z, Siiskonen, A, Giese, M & Priimagi, A 2018, 'Ortho-Fluorination of azophenols increases the mesophase stability of photoresponsive hydrogen-bonded liquid crystals', *Journal of Materials Chemistry C*, Vuosikerta. 6, Nro 37, Sivut 9958-9963. <https://doi.org/10.1039/c8tc02611d>

Guglielmetti, S, Santala, V, Mangayil, R, Ciranna, A & Karp, MT 2019, 'O₂-requiring molecular reporters of gene expression for anaerobic microorganisms', *Biosensors and Bioelectronics*, Vuosikerta. 123, Sivut 1-6. <https://doi.org/10.1016/j.bios.2018.09.066>

Schroeder, CA, Pluharová, E, Seidel, R, Schroeder, WP, Faubel, M, Slavíček, P, Winter, B, Jungwirth, P & Bradforth, SE 2015, 'Oxidation half-reaction of aqueous nucleosides and nucleotides via photoelectron spectroscopy augmented by ab initio calculations', *Journal of the American Chemical Society*, Vuosikerta. 137, Nro 1, Sivut 201-209. <https://doi.org/10.1021/ja508149e>

Karilainen, T, Timr, Š, Vattulainen, I & Jungwirth, P 2015, 'Oxidation of cholesterol does not alter significantly its uptake into high-density lipoprotein particles', *Journal of Physical Chemistry Part B*, Vuosikerta. 119, Nro 13, Sivut 4594-4600. <https://doi.org/10.1021/acs.jpcc.5b00240>

Tuominen, M, Yasir, M, Lång, J, Dahl, J, Kuzmin, M, Mäkelä, J, Punkkinen, M, Laukkanen, P, Kokko, K, Schulte, K, Punkkinen, R, Korpijärvi, V-M, Polojärvi, V & Guina, M 2015, 'Oxidation of the GaAs semiconductor at the Al₂O₃/GaAs junction', *Physical Chemistry Chemical Physics*, Vuosikerta. 17, Nro 10, Sivut 7060-7066. <https://doi.org/10.1039/c4cp05972g>

Christophliemk, H, Johansson, C, Ullsten, H & Järnström, L 2017, 'Oxygen and water vapor transmission rates of starch-poly(vinyl alcohol) barrier coatings for flexible packaging paper', *Progress in Organic Coatings*, Vuosikerta. 113, Sivut 218-224. <https://doi.org/10.1016/j.porgcoat.2017.04.019>

Ntziachristos, L, Saukko, E, Lehtoranta, K, Rönkkö, T, Timonen, H, Simonen, P, Karjalainen, P & Keskinen, J 2016, 'Particle emissions characterization from a medium-speed marine diesel engine with two fuels at different sampling conditions', *Fuel*, Vuosikerta. 186, Sivut 456-465. <https://doi.org/10.1016/j.fuel.2016.08.091>

Laurén, P, Paukkonen, H, Lipiäinen, T, Dong, Y, Oksanen, T, Räikkönen, H, Ehlers, H, Laaksonen, P, Yliperttula, M & Laaksonen, T 2018, 'Pectin and Mucin Enhance the Bioadhesion of Drug Loaded Nanofibrillated Cellulose Films', *Pharmaceutical Research*, Vuosikerta. 35, Nro 7, 145. <https://doi.org/10.1007/s11095-018-2428-z>

Dzieciuch, M, Rissanen, S, Szydłowska, N, Bunker, A, Kumorek, M, Jamróz, D, Vattulainen, I, Nowakowska, M, Róg, T & Kepczynski, M 2015, 'PEGylated liposomes as carriers of hydrophobic porphyrins', *Journal of Physical Chemistry Part B*, Vuosikerta. 119, Nro 22, Sivut 6646-6657. <https://doi.org/10.1021/acs.jpcc.5b01351>

Pluhaová, E, Marsalek, O, Schmidt, B & Jungwirth, P 2012, 'Peptide salt bridge stability: From gas phase via microhydration to bulk water simulations', *Journal of Chemical Physics*, Vuosikerta. 137, Nro 18, 185101. <https://doi.org/10.1063/1.4765052>

Yi, H, Albrecht, M, Valkonen, A & Rissanen, K 2015, 'Perfluoro-1,1'-biphenyl and perfluoronaphthalene and their derivatives as π -acceptors for anions', *New Journal of Chemistry*, Vuosikerta. 39, Nro 1, Sivut 746-749. <https://doi.org/10.1039/c4nj01654h>

Oksa, M, Varis, T & Ruusuvoori, K 2014, 'Performance testing of iron based thermally sprayed HVOF coatings in a biomass-fired fluidised bed boiler', *Surface and Coatings Technology*, Vuosikerta. 251, Sivut 191-200. <https://doi.org/10.1016/j.surfcoat.2014.04.025>

Rytkönen, A, Valkealahti, S & Manninen, M 1998, 'Phase diagram of argon clusters', *Journal of Chemical Physics*, Vuosikerta. 108, Nro 14, Sivut 5826-5833. <https://doi.org/10.1063/1.475993>

Salunke, JK, Wong, FL, Feron, K, Manzhos, S, Lo, MF, Shinde, D, Patil, A, Lee, CS, Roy, VAL, Sonar, P & Wadgaonkar, PP 2016, 'Phenothiazine and carbazole substituted pyrene based electroluminescent organic semiconductors for OLED devices', *Journal of Materials Chemistry C*, Vuosikerta. 4, Nro 5, Sivut 1009-1018. <https://doi.org/10.1039/c5tc03690a>

George, L, Hiltunen, A, Santala, V & Efimov, A 2018, 'Photo-antimicrobial efficacy of zinc complexes of porphyrin and phthalocyanine activated by inexpensive consumer LED lamp', *Journal of Inorganic Biochemistry*, Vuosikerta. 183, Sivut 94-100. <https://doi.org/10.1016/j.jinorgbio.2018.03.015>

Solovyev, AI, Mikheyliis, AV, Plyusnin, VF, Shubin, AA, Grivin, VP, Larionov, SV, Tkachenko, NV & Lemmetyinen, H 2019, 'Photochemistry of dithiophosphate Ni(S₂P(i-Bu)₂)₂ complex in CCl₄. Transient species and TD-DFT calculations', *Journal of Photochemistry and Photobiology A: Chemistry*, Vuosikerta. 381, 111857. <https://doi.org/10.1016/j.jphotochem.2019.111857>

Mordon, S & Bourg-Heckly, G 2015, 'Photodiagnostic et chirurgie guidés par la fluorescence', *ACTUALITE CHIMIQUE*, Nro 397-398, Sivut 41-45.

Virkki, K, Hakola, H, Urbani, M, Tejerina, L, Ince, M, Martínez-Díaz, MV, Torres, T, Golovanova, V, Golovanov, V & Tkachenko, NV 2017, 'Photoinduced Electron Injection from Zinc Phthalocyanines into Zinc Oxide Nanorods: Aggregation Effects', *Journal of Physical Chemistry C*, Vuosikerta. 121, Nro 17, Sivut 9594-9605. <https://doi.org/10.1021/acs.jpcc.7b01562>

Virkki, K, Demir, S, Lemmetyinen, H & Tkachenko, NV 2015, 'Photoinduced Electron Transfer in CdSe/ZnS Quantum Dot-Fullerene Hybrids', *Journal of Physical Chemistry C*, Vuosikerta. 119, Nro 31, Sivut 17561-17572. <https://doi.org/10.1021/acs.jpcc.5b04251>

Mandal, S, Garcia Iglesias, M, Ince, M, Torres, T & Tkachenko, NV 2018, 'Photoinduced Energy Transfer in ZnCdSeS Quantum Dot-Phthalocyanines Hybrids', *ACS Omega*, Vuosikerta. 3, Nro 8, Sivut 10048-10057. <https://doi.org/10.1021/acsomega.8b01623>

Vapaavuori, J, Heikkinen, ITS, Dichiarante, V, Resnati, G, Metrangolo, P, Sabat, RG, Bazuin, CG, Priimagi, A & Pellerin, C 2015, 'Photomechanical Energy Transfer to Photopassive Polymers through Hydrogen and Halogen Bonds', *Macromolecules*, Vuosikerta. 48, Nro 20, Sivut 7535-7542. <https://doi.org/10.1021/acs.macromol.5b01813>

Wang, M, Chen, D, Xiao, M, Ye, Q, Stolzenburg, D, Hofbauer, V, Ye, P, Vogel, AL, Mauldin, RL, Amorim, A, Baccarini, A, Baumgartner, B, Brilke, S, Dada, L, Dias, A, Duplissy, J, Finkenzeller, H, Garmash, O, He, XC, Hoyle, CR, Kim, C, Kvashnin, A, Lehtipalo, K, Fischer, L, Molteni, U, Petäjä, T, Pospisilova, V, Quéléver, LLJ, Rissanen, M, Simon, M, Tauber, C, Tomé, A, Wagner, AC, Weitz, L, Volkamer, R, Winkler, PM, Kirkby, J, Worsnop, DR, Kulmala, M, Baltensperger, U, Dommen, J, El-Haddad, I & Donahue, NM 2020, 'Photo-oxidation of Aromatic Hydrocarbons Produces Low-Volatility Organic Compounds', *Environmental Science and Technology*, Vuosikerta. 54, Nro 13, Sivut 7911-7921. <https://doi.org/10.1021/acs.est.0c02100>

Baek, J, Umeyama, T, Mizuno, S, Tkachenko, NV & Imahori, H 2017, 'Photophysical properties of porphyrin dimer-single-walled carbon nanotube linked systems', *Journal of Physical Chemistry C*, Vuosikerta. 121, Nro 39. <https://doi.org/10.1021/acs.jpcc.7b08594>

Reeta, PS, Khetubol, A, Jella, T, Chukharev, V, Abou-Chahine, F, Tkachenko, NV, Giribabu, L & Lemmetyinen, H 2015, 'Photophysical properties of Sn (IV)tetraphenylporphyrin-pyrene dyad with a β-vinyl linker', *Journal of Porphyrins and Phthalocyanines*, Vuosikerta. 19, Nro 1-3, Sivut 288-300. <https://doi.org/10.1142/S1088424615500108>

Saccone, M, Palacio, FF, Cavallo, G, Dichiarante, V, Virkki, M, Terraneo, G, Priimagi, A & Metrangolo, P 2017, 'Photoresponsive ionic liquid crystals assembled: Via halogen bond: En route towards light-controllable ion transporters', *Faraday Discussions*, Vuosikerta. 203, Sivut 407-422. <https://doi.org/10.1039/c7fd00120g>

Akamatsu, N, Aizawa, M, Tatsumi, R, Hisano, K, Priimägi, A & Shishido, A 2016, 'Photoresponsive liquid-crystalline polymer films bilayered with an inverse opal structure', *JOURNAL OF PHOTOPOLYMER SCIENCE AND TECHNOLOGY*, Vuosikerta. 29, Nro 1, Sivut 145-148. <https://doi.org/10.2494/photopolymer.29.145>

- Young, DC, Tasiar, M, Laurent, AD, Dobrzycki, Ł, Cyrański, MK, Tkachenko, N, Jacquemin, D & Gryko, DT 2020, 'Photostable orange-red fluorescent unsymmetrical diketopyrrolopyrrole-BF₂ hybrids', *Journal of Materials Chemistry C*, Vuosikerta. 8, Nro 23, Sivut 7708-7717. <https://doi.org/10.1039/d0tc01202e>
- Stumpel, JE, Liu, D, Broer, DJ & Schenning, APHJ 2013, 'Photoswitchable hydrogel surface topographies by polymerisation-induced diffusion', *Chemistry: A European Journal*, Vuosikerta. 19, Nro 33, Sivut 10922-10927. <https://doi.org/10.1002/chem.201300852>
- Pirjola, L, Dittrich, A, Niemi, JV, Saarikoski, S, Timonen, H, Kuuluvainen, H, Järvinen, A, Kousa, A, Rönkkö, T & Hillamo, R 2016, 'Physical and Chemical Characterization of Real-World Particle Number and Mass Emissions from City Buses in Finland', *Environmental Science and Technology*, Vuosikerta. 50, Nro 1, Sivut 294-304. <https://doi.org/10.1021/acs.est.5b04105>
- Alanen, J, Isotalo, M, Kuittinen, N, Simonen, P, Martikainen, S, Kuuluvainen, H, Honkanen, M, Lehtoranta, K, Nyysönen, S, Vesala, H, Timonen, H, Aurela, M, Keskinen, J & Rönkkö, T 2020, 'Physical Characteristics of Particle Emissions from a Medium Speed Ship Engine Fueled with Natural Gas and Low-Sulfur Liquid Fuels', *Environmental Science and Technology*, Vuosikerta. 54, Nro 9, Sivut 5376-5384. <https://doi.org/10.1021/acs.est.9b06460>
- Orlowski, A, Kukkurainen, S, Pöyry, A, Rissanen, S, Vattulainen, I, Hytönen, VP & Róg, T 2015, 'PIP2 and Talin Join Forces to Activate Integrin', *Journal of Physical Chemistry Part B*, Vuosikerta. 119, Nro 38, Sivut 12381-12389. <https://doi.org/10.1021/acs.jpcc.5b06457>
- Balanta, MAG, Orsi Gordo, V, Carvalho, ARH, Puustinen, J, Alghamdi, HM, Henini, M, Galeti, HVA, Guina, M & Galvão Gobato, Y 2017, 'Polarization resolved photoluminescence in GaAs_{1-x}Bi_x/GaAs quantum wells', *Journal of Luminescence*, Vuosikerta. 182, Sivut 49-52. <https://doi.org/10.1016/j.jlumin.2016.10.008>
- Robison, AD, Sun, S, Poyton, MF, Johnson, GA, Pellois, JP, Jungwirth, P, Vazdar, M & Cremer, PS 2016, 'Polyarginine Interacts More Strongly and Cooperatively than Polylysine with Phospholipid Bilayers', *Journal of Physical Chemistry Part B*, Vuosikerta. 120, Nro 35, Sivut 9287-9296. <https://doi.org/10.1021/acs.jpcc.6b05604>
- Shin, J, Cherstvy, AG & Metzler, R 2015, 'Polymer looping is controlled by macromolecular crowding, spatial confinement, and chain stiffness', *ACS Macro Letters*, Vuosikerta. 4, Nro 2, Sivut 202-206. <https://doi.org/10.1021/mz500709w>
- He, X, Benniston, AC, Saarenpää, H, Lemmetyinen, H, Tkachenko, NV & Baisch, U 2015, 'Polymorph crystal packing effects on charge transfer emission in the solid state', *Chemical Science*, Vuosikerta. 6, Nro 6, Sivut 3525-3532. <https://doi.org/10.1039/c5sc01151e>
- Calejo, MT, Haapala, A, Skottman, H & Kellomäki, M 2019, 'Porous polybutylene succinate films enabling adhesion of human embryonic stem cell-derived retinal pigment epithelial cells (hESC-RPE)', *European Polymer Journal*, Vuosikerta. 118, Sivut 78-87. <https://doi.org/10.1016/j.eurpolymj.2019.05.041>
- Niskanen, M, Kuisma, M, Cramariuc, O, Golovanov, V, Hukka, TI, Tkachenko, N & Rantala, TT 2013, 'Porphyrin adsorbed on the (1010) surface of the wurtzite structure of ZnO-conformation induced effects on the electron transfer characteristics', *Physical Chemistry Chemical Physics*, Vuosikerta. 15, Nro 40, Sivut 17408-17418. <https://doi.org/10.1039/c3cp51685g>
- Ometov, A, Bezzateev, S, Davydov, V, Shchesniak, A, Masek, P, Lohan, ES & Koucheryavy, Y 2019, 'Positioning information privacy in intelligent transportation systems: An overview and future perspective', *Sensors*, Vuosikerta. 19, Nro 7, Sivut 1603. <https://doi.org/10.3390/s19071603>
- Anttalainen, O, Puton, J, Kontunen, A, Karjalainen, M, Kumpulainen, P, Oksala, N, Safaei, Z & Roine, A 2019, 'Possible strategy to use differential mobility spectrometry in real time applications', *International Journal for Ion Mobility Spectrometry*. <https://doi.org/10.1007/s12127-019-00251-1>
- Vale, JR, Rimpiläinen, T, Sievänen, E, Rissanen, K, Afonso, CAM & Candeias, NR 2018, 'Pot-economy autooxidative condensation of 2-Aryl-2-lithio-1,3-dithianes', *Journal of Organic Chemistry*, Vuosikerta. 83, Nro 4, Sivut 1948-1958. <https://doi.org/10.1021/acs.joc.7b02896>

Rantala, TT, Wästberg, B & Rosén, A 1986, 'Potential energy curves for diatomic molecules calculated with numerical basis functions', *Chemical Physics*, Vuosikerta. 109, Nro 2-3, Sivut 261-268. [https://doi.org/10.1016/0301-0104\(86\)87056-2](https://doi.org/10.1016/0301-0104(86)87056-2)

Jain, R, Dominic, D, Jordan, N, Rene, ER, Weiss, S, van Hullebusch, ED, Hübner, R & Lens, PNL 2016, 'Preferential adsorption of Cu in a multi-metal mixture onto biogenic elemental selenium nanoparticles', *Chemical Engineering Journal*, Vuosikerta. 284, Sivut 917-925. <https://doi.org/10.1016/j.cej.2015.08.144>

Tois, J, Franzén, R, Aitio, O, Huikko, K & Taskinen, J 2000, 'Preparation of 5-substituted 2-carboxyindoles on solid support', *Tetrahedron Letters*, Vuosikerta. 41, Nro 14, Sivut 2443-2446. [https://doi.org/10.1016/S0040-4039\(00\)00151-9](https://doi.org/10.1016/S0040-4039(00)00151-9)

Das, A, Wang, DY, Leuteritz, A, Subramaniam, K, Greenwell, HC, Wagenknecht, U & Heinrich, G 2011, 'Preparation of zinc oxide free, transparent rubber nanocomposites using a layered double hydroxide filler', *Journal of Materials Chemistry*, Vuosikerta. 21, Nro 20, Sivut 7194-7200. <https://doi.org/10.1039/c0jm03784b>

Tawade, BV, Salunke, JK, Sane, PS & Wadgaonkar, PP 2014, 'Processable aromatic polyesters based on bisphenol derived from cashew nut shell liquid: synthesis and characterization', *JOURNAL OF POLYMER RESEARCH*, Vuosikerta. 21, Nro 12. <https://doi.org/10.1007/s10965-014-0617-y>

Mylläri, V, Fatarella, E, Ruzzante, M, Pogni, R, Baratto, MC, Skrifvars, M, Syrjälä, S & Järvelä, P 2015, 'Production of sulfonated polyetheretherketone/polypropylene fibers for photoactive textiles', *Journal of Applied Polymer Science*, Vuosikerta. 132, Nro 39, 42595. <https://doi.org/10.1002/app.42595>

Zhang, H, Zeng, H, Priimägi, A & Ikkala, O 2019, 'Programmable responsive hydrogels inspired by classical conditioning algorithm', *Nature Communications*, Vuosikerta. 10, Nro 1, 3267. <https://doi.org/10.1038/s41467-019-11260-3>

German, SJ, Behbahani, M, Miettinen, S, Grijpma, DW & Haimi, SP 2013, 'Proliferation and differentiation of adipose stem cells towards smooth muscle cells on poly(trimethylene carbonate) membranes', *Macromolecular symposia*, Vuosikerta. 334, Nro 1, Sivut 133-142. <https://doi.org/10.1002/masy.201300100>

Sassatelli, P, Bolelli, G, Lassinantti Gualtieri, M, Heinonen, E, Honkanen, M, Lusvarghi, L, Manfredini, T, Rigon, R & Vippola, M 2018, 'Properties of HVOF-sprayed Stellite-6 coatings', *Surface and Coatings Technology*, Vuosikerta. 338, Sivut 45-62. <https://doi.org/10.1016/j.surfcoat.2018.01.078>

Hytönen, VP & Wehrle-Haller, B 2014, 'Protein conformation as a regulator of cell-matrix adhesion', *Physical Chemistry Chemical Physics*, Vuosikerta. 16, Nro 14, Sivut 6342-6357. <https://doi.org/10.1039/c3cp54884h>

Salunke, JK, Sonar, P, Wong, FL, Roy, VAL, Lee, CS & Wadgaonkar, PP 2014, 'Pyrene based conjugated materials: Synthesis, characterization and electroluminescent properties', *Physical Chemistry Chemical Physics*, Vuosikerta. 16, Nro 42, Sivut 23320-23328. <https://doi.org/10.1039/c4cp03693j>

Ghalibaf, M, Doddapaneni, TRKC & Alén, R 2019, 'Pyrolytic behavior of lignocellulosic-based polysaccharides', *Journal of Thermal Analysis and Calorimetry*, Vuosikerta. 137, Nro 1, Sivut 121-131. <https://doi.org/10.1007/s10973-018-7919-y>

Heijne, AT, Liu, D, Sulonen, M, Sleutels, T & Fabregat-Santiago, F 2018, 'Quantification of bio-anode capacitance in bioelectrochemical systems using Electrochemical Impedance Spectroscopy', *Journal of Power Sources*, Vuosikerta. 400, Sivut 533-538. <https://doi.org/10.1016/j.jpowsour.2018.08.003>

Bodrova, A, Checkkin, AV, Cherstvy, AG & Metzler, R 2015, 'Quantifying non-ergodic dynamics of force-free granular gases', *Physical Chemistry Chemical Physics*, Vuosikerta. 17, Nro 34, Sivut 21791-21798. <https://doi.org/10.1039/c5cp02824h>

Tian, Y, Bova, GS & Zhang, H 2011, 'Quantitative glycoproteomic analysis of optimal cutting temperature-embedded frozen tissues identifying glycoproteins associated with aggressive prostate cancer', *Analytical Chemistry*, Vuosikerta. 83, Nro 18, Sivut 7013-7019. <https://doi.org/10.1021/ac200815q>

Rasappa, S, Schulte, L, Borah, D, Morris, MA & Ndoni, S 2014, 'Rapid, Brushless Self-assembly of a PS-b-PDMS Block Copolymer for Nanolithography', *Colloids and Interface Science Communications*, Vuosikerta. 2, Sivut 1-5. <https://doi.org/10.1016/j.colcom.2014.07.001>

Sorvajärvi, T, Viljanen, J, Toivonen, J, Marshall, P & Glarborg, P 2015, 'Rate constant and thermochemistry for $K + O_2 + N_2 = KO_2 + N_2$ ', *Journal of Physical Chemistry A*, Vuosikerta. 119, Nro 14, Sivut 3329-3336. <https://doi.org/10.1021/acs.jpca.5b00755>

Rantala, TS, Lantto, V & Rantala, TT 1993, 'Rate equation simulation of the height of Schottky barriers at the surface of oxidic semiconductors', *Sensors and Actuators B: Chemical*, Vuosikerta. 13, Nro 1-3, Sivut 234-237. [https://doi.org/10.1016/0925-4005\(93\)85369-L](https://doi.org/10.1016/0925-4005(93)85369-L)

Li, Z, Le, T, Wu, Z, Yao, Y, Li, L, Tentzeris, M, Moon, KS & Wong, CP 2015, 'Rational design of a printable, highly conductive silicone-based electrically conductive adhesive for stretchable radio-frequency antennas', *Advanced Functional Materials*, Vuosikerta. 25, Nro 3, Sivut 464-470. <https://doi.org/10.1002/adfm.201403275>

Iyer, S, Rissanen, MP & Kurtén, T 2019, 'Reaction between Peroxy and Alkoxy Radicals Can Form Stable Adducts', *Journal of Physical Chemistry Letters*, Vuosikerta. 10, Nro 9, Sivut 2051-2057. <https://doi.org/10.1021/acs.jpcllett.9b00405>

Priimagi, A, Barrett, CJ & Shishido, A 2014, 'Recent twists in photoactuation and photoalignment control', *Journal of Materials Chemistry C*, Vuosikerta. 2, Nro 35, Sivut 7155-7162. <https://doi.org/10.1039/c4tc01236d>

Karjalainen, M, Kontunen, A, Mäkelä, M, Anttalainen, O, Vehkaoja, A, Oksala, N & Roine, A 2020, 'Recovery characteristics of different tube materials in relation to combustion products', *International Journal for Ion Mobility Spectrometry*. <https://doi.org/10.1007/s12127-020-00266-z>

Honkanen, M, Wang, J, Kärkkäinen, M, Huuhtanen, M, Jiang, H, Kallinen, K, Keiski, RL, Akola, J & Vippola, M 2018, 'Regeneration of sulfur-poisoned Pd-based catalyst for natural gas oxidation', *Journal of Catalysis*, Vuosikerta. 358, Sivut 253-265. <https://doi.org/10.1016/j.jcat.2017.12.021>

Kapgate, BP, Das, C, Das, A, Basu, D, Wiessner, S, Reuter, U & Heinrich, G 2016, 'Reinforced chloroprene rubber by in situ generated silica particles: Evidence of bound rubber on the silica surface', *Journal of Applied Polymer Science*, Vuosikerta. 133, Nro 30, 43717. <https://doi.org/10.1002/app.43717>

Hladilkova, J, Prokop, Z, Chaloupkova, R, Damborsky, J & Jungwirth, P 2013, 'Release of halide ions from the buried active site of the haloalkane dehalogenase LinB revealed by stopped-flow fluorescence analysis and free energy calculations', *Journal of Physical Chemistry Part B*, Vuosikerta. 117, Nro 46, Sivut 14329-14335. <https://doi.org/10.1021/jp409040u>

Higashino, T, Yamada, T, Yamamoto, M, Furube, A, Tkachenko, NV, Miura, T, Kobori, Y, Jono, R, Yamashita, K & Imahori, H 2016, 'Remarkable Dependence of the Final Charge Separation Efficiency on the Donor-Acceptor Interaction in Photoinduced Electron Transfer', *Angewandte Chemie (International Edition)*, Vuosikerta. 55, Nro 2, Sivut 629-633. <https://doi.org/10.1002/anie.201509067>

Stumpel, JE 2015, 'Responsive Polymer Photonics', *Chemistryopen*, Vuosikerta. 4, Nro 4, Sivut 533-535. <https://doi.org/10.1002/open.201500104>

Lolicato, F, Raudino, A, Milardi, D & La Rosa, C 2015, 'Resveratrol interferes with the aggregation of membrane-bound human-IAPP: A molecular dynamics study', *European Journal of Medicinal Chemistry*, Vuosikerta. 92, Sivut 876-881. <https://doi.org/10.1016/j.ejmech.2015.01.047>

Paterová, J, Rembert, KB, Heyda, J, Kurra, Y, Okur, HI, Liu, WR, Hilty, C, Cremer, PS & Jungwirth, P 2013, 'Reversal of the Hofmeister series: Specific ion effects on peptides', *Journal of Physical Chemistry Part B*, Vuosikerta. 117, Nro 27, Sivut 8150-8158. <https://doi.org/10.1021/jp405683s>

Pollheimer, P, Taskinen, B, Scherfler, A, Gusenkov, S, Creus, M, Wiesauer, P, Zauner, D, Schöffberger, W, Schwarzinger, C, Ebner, A, Tampé, R, Stutz, H, Hytönen, VP & Gruber, HJ 2013, 'Reversible biofunctionalization of surfaces with a switchable mutant of avidin', *Bioconjugate Chemistry*, Vuosikerta. 24, Nro 10, Sivut 1656-1668. <https://doi.org/10.1021/bc400087e>

Joost, U, Sutka, A, Oja, M, Smits, K, Doebelin, N, Loot, A, Järvekülg, M, Hirsimäki, M, Valden, M & Nommiste, E 2018, 'Reversible photodoping of TiO₂ nanoparticles', *Chemistry of Materials*, Vuosikerta. 30, Nro 24, Sivut 8968-8974. <https://doi.org/10.1021/acs.chemmater.8b04813>

Razavi, A, Valkama, M & Lohan, ES 2016, 'Robust statistical approaches for RSS-based floor detection in indoor localization', *Sensors*, Vuosikerta. 16, Nro 6, 793. <https://doi.org/10.3390/s16060793>

Rahaman, O, Kalimeri, M, Melchionna, S, Hénin, J & Sterpone, F 2015, 'Role of Internal Water on Protein Thermal Stability: The Case of Homologous G Domains', *Journal of Physical Chemistry Part B*, Vuosikerta. 119, Nro 29, Sivut 8939-8949. <https://doi.org/10.1021/jp507571u>

Pelado, B, Abou-Chahine, F, Calbo, J, Caballero, R, delaCruz, P, Junquera-Hernández, JM, Ortí, E, Tkachenko, NV & Langa, F 2015, 'Role of the bridge in photoinduced electron transfer in porphyrin-fullerene dyads', *Chemistry: A European Journal*, Vuosikerta. 21, Nro 15, Sivut 5814-5825. <https://doi.org/10.1002/chem.201406514>

Javanainen, M, Ollila, OHS & Martinez-Seara, H 2020, 'Rotational Diffusion of Membrane Proteins in Crowded Membranes', *Journal of Physical Chemistry B*, Vuosikerta. 124, Nro 15, Sivut 2994-3001. <https://doi.org/10.1021/acs.jpcc.0c00884>

Bayr, S, Kaparaju, P & Rintala, J 2013, 'Screening pretreatment methods to enhance thermophilic anaerobic digestion of pulp and paper mill wastewater treatment secondary sludge', *Chemical Engineering Journal*, Vuosikerta. 223, Sivut 479-486. <https://doi.org/10.1016/j.cej.2013.02.119>

Ma, L, Wang, J & Wang, G 2012, 'Search for global minimum geometries of medium sized Cd_nTe_n clusters (n = 15, 16, 20, 24 and 28)', *Chemical Physics Letters*, Vuosikerta. 552, Sivut 73-77. <https://doi.org/10.1016/j.cplett.2012.09.036>

Bajamundi, CJE, Vainikka, P, Hedman, M, Silvennoinen, J, Heinanen, T, Taipale, R & Konttinen, J 2015, 'Searching for a robust strategy for minimizing alkali chlorides in fluidized bed boilers during burning of high SRF-energy-share fuel', *Fuel*, Vuosikerta. 155, Sivut 25-36. <https://doi.org/10.1016/j.fuel.2015.03.087>

Czaplicki, R, Mäkitalo, J, Siikanen, R, Husu, H, Lehtolahti, J, Kuittinen, M & Kauranen, M 2015, 'Second-Harmonic Generation from Metal Nanoparticles: Resonance Enhancement versus Particle Geometry', *Nano Letters*, Vuosikerta. 15, Nro 1, Sivut 530-534. <https://doi.org/10.1021/nl503901e>

Bautista, G, Mäkitalo, J, Chen, Y, Dhaka, V, Grasso, M, Karvonen, L, Jiang, H, Huttunen, MJ, Huhtio, T, Lipsanen, H & Kauranen, M 2015, 'Second-harmonic generation imaging of semiconductor nanowires with focused vector beams', *Nano Letters*, Vuosikerta. 15, Nro 3, Sivut 1564-1569. <https://doi.org/10.1021/nl503984b>

Sharma, RO, Rantala, TT & Hoggan, PE 2020, 'Selective hydrogen production at Pt(111) investigated by Quantum Monte Carlo methods for metal catalysis', *International Journal of Quantum Chemistry*, Vuosikerta. 120, Nro 11, e26198. <https://doi.org/10.1002/qua.26198>

Tan, LC, Espinosa-Ortiz, EJ, Nancharaiyah, YV, van Hullebusch, ED, Gerlach, R & Lens, PN 2018, 'Selenate removal in biofilm systems: Effect of nitrate and sulfate on selenium removal efficiency, biofilm structure and microbial community', *Journal of Chemical Technology and Biotechnology*, Vuosikerta. 93, Nro 8, Sivut 2380-2389.

<https://doi.org/10.1002/jctb.5586>

Cummins, C, Borah, D, Rasappa, S, Chaudhari, A, Ghoshal, T, O'Driscoll, BMD, Carolan, P, Petkov, N, Holmes, JD & Morris, MA 2013, 'Self-assembly of polystyrene-block-poly(4-vinylpyridine) block copolymer on molecularly functionalized silicon substrates: Fabrication of inorganic nanostructured etchmask for lithographic use', *Journal of Materials Chemistry C*, Vuosikerta. 1, Nro 47, Sivut 7941-7951. <https://doi.org/10.1039/c3tc31498g>

Buchholz, M, Goletz, CM, Grossmann, F, Schmidt, B, Heyda, J & Jungwirth, P 2012, 'Semiclassical hybrid approach to condensed phase molecular dynamics: Application to the I_2Kr_{17} cluster', *Journal of Physical Chemistry A*, Vuosikerta. 116, Nro 46, Sivut 11199-11210. <https://doi.org/10.1021/jp305084f>

Viljanen, J, Kalmankoski, K, Contreras, V, Sarin, JK, Sorvajärvi, T, Kinnunen, H, Enestam, S & Toivonen, J 2020, 'Sequential Collinear Photofragmentation and Atomic Absorption Spectroscopy for Online Laser Monitoring of Triatomic Metal Species', *Sensors (Basel, Switzerland)*, Vuosikerta. 20, Nro 2, 533. <https://doi.org/10.3390/s20020533>

Gordon, TR, Paik, T, Klein, DR, Naik, GV, Caglayan, H, Boltasseva, A & Murray, CB 2013, 'Shape-dependent plasmonic response and directed self-assembly in a new semiconductor building block, indium-doped cadmium oxide (ICO)', *Nano Letters*, Vuosikerta. 13, Nro 6, Sivut 2857-2863. <https://doi.org/10.1021/nl4012003>

Rantala, TT, Jelski, DA & George, TF 1995, 'Si₁₀ and photoabsorption spectra of mid-sized silicon clusters', *Chemical Physics Letters*, Vuosikerta. 232, Nro 3, Sivut 215-220. [https://doi.org/10.1016/0009-2614\(94\)01342-S](https://doi.org/10.1016/0009-2614(94)01342-S)

Goh, J-Q, Malola, S, Häkkinen, H & Akola, J 2015, 'Silver sulfide nanoclusters and the superatom model', *Journal of Physical Chemistry C*, Vuosikerta. 119, Nro 3, Sivut 1583-1590. <https://doi.org/10.1021/jp511037x>

Ma, L, Wang, J & Wang, G 2013, 'Site-specific analysis of dipole polarizabilities of heterogeneous systems: Iron-doped Si_n (n = 1-14) clusters', *Journal of Chemical Physics*, Vuosikerta. 138, Nro 9, 094304. <https://doi.org/10.1063/1.4793276>

Ma, L, Jackson, KA & Jellinek, J 2011, 'Site-specific polarizabilities as predictors of favorable adsorption sites on Nan clusters', *Chemical Physics Letters*, Vuosikerta. 503, Nro 1-3, Sivut 80-85. <https://doi.org/10.1016/j.cplett.2010.12.049>

Borah, D, Rasappa, S, Salaun, M, Zellsman, M, Lorret, O, Lontos, G, Ntetsikas, K, Avgeropoulos, A & Morris, MA 2015, 'Soft graphoepitaxy for large area directed self-assembly of polystyrene-block-poly(dimethylsiloxane) block copolymer on nanopatterned poss substrates fabricated by nanoimprint lithography', *Advanced Functional Materials*, Vuosikerta. 25, Nro 22, Sivut 3425-3432. <https://doi.org/10.1002/adfm.201500100>

Borah, D, Simao, CD, Sentharamaikannan, R, Rasappa, S, Francone, A, Lorret, O, Salaun, M, Kosmala, B, Kehagias, N, Zelsmann, M, Sotomayor-Torres, CM & Morris, MA 2013, 'Soft-graphoepitaxy using nanoimprinted polyhedral oligomeric silsesquioxane substrates for the directed self-Assembly of PS-b-PDMS', *European Polymer Journal*, Vuosikerta. 49, Nro 11, Sivut 3512-3521. <https://doi.org/10.1016/j.eurpolymj.2013.08.011>

Karvinen, J, Joki, T, Ylä-Outinen, L, Koivisto, JT, Narkilahti, S & Kellomäki, M 2018, 'Soft hydrazone crosslinked hyaluronan- and alginate-based hydrogels as 3D supportive matrices for human pluripotent stem cell-derived neuronal cells', *Reactive and Functional Polymers*, Vuosikerta. 124, Sivut 29-39. <https://doi.org/10.1016/j.reactfunctpolym.2017.12.019>

Tois, J, Franzén, R, Aitio, O, Laakso, I, Huuskonen, J & Taskinen, J 2001, 'Solid-phase bromination and Suzuki coupling of 2-carboxyindoles', *Combinatorial Chemistry and High Throughput Screening*, Vuosikerta. 4, Nro 6, Sivut 521-524. <https://doi.org/10.2174/1386207013330887>

Pegado, L, Marsalek, O, Jungwirth, P & Wernersson, E 2012, 'Solvation and ion-pairing properties of the aqueous sulfate anion: Explicit versus effective electronic polarization', *Physical Chemistry Chemical Physics*, Vuosikerta. 14, Nro 29, Sivut 10248-10257. <https://doi.org/10.1039/c2cp40711f>

Kellomäki, A, Kuula-Väisänen, P & Nieminen, P 1989, 'Sorption and retention of ethylene glycol monoethyl ether (EGME) on silicas', *Journal of Colloid and Interface Science*, Vuosikerta. 129, Nro 2, Sivut 373-378. [https://doi.org/10.1016/0021-9797\(89\)90450-5](https://doi.org/10.1016/0021-9797(89)90450-5)

Kuz'min, VA, Durandin, NA, Lisitsyna, ES, Nekipelova, TD, Podrugina, TA, Matveeva, ED, Proskurnina, MV & Zefirov, NS 2015, 'Spectral and kinetic characteristics of indotricarbocyanine complexation with albumin', *DOKLADY PHYSICAL CHEMISTRY*, Vuosikerta. 462, Nro 1, Sivut 107-109. <https://doi.org/10.1134/S0012501615050036>

Shevkunov, I, Katkovnik, V, Claus, D, Pedrini, G, Petrov, NV & Egiazarian, K 2019, 'Spectral object recognition in hyperspectral holography with complex-domain denoising', *Sensors (Switzerland)*, Vuosikerta. 19, Nro 23, 5188. <https://doi.org/10.3390/s19235188>

Khan, MN, Tjong, V, Chilkoti, A & Zharnikov, M 2013, 'Spectroscopic study of a DNA brush synthesized in situ by surface initiated enzymatic polymerization', *Journal of Physical Chemistry Part B*, Vuosikerta. 117, Nro 34, Sivut 9929-9938. <https://doi.org/10.1021/jp404774x>

Saari, T & Nieminen, J 2019, 'Spin filtering in silicene by edges and chemically or electrically induced interfaces', *Journal of Physics and Chemistry of Solids*, Vuosikerta. 128, Sivut 316-324. <https://doi.org/10.1016/j.jpics.2017.12.037>

Lemougna, PN, Yliniemi, J, Ismailov, A, Levänen, E, Tanskanen, P, Kinnunen, P, Roning, J & Illikainen, M 2019, 'Spodumene tailings for porcelain and structural materials: Effect of temperature (1050–1200°C) on the sintering and properties', *Minerals Engineering*. <https://doi.org/10.1016/j.mineng.2019.105843>

Luna, E, Wu, M, Hanke, M, Puustinen, J, Guina, M & Trampert, A 2016, 'Spontaneous formation of three-dimensionally ordered Bi-rich nanostructures within GaAs_{1-x}Bi_x/GaAs quantum wells', *Nanotechnology*, Vuosikerta. 27, Nro 32, 325603. <https://doi.org/10.1088/0957-4484/27/32/325603>

Katava, M, Kalimeri, M, Stirnemann, G & Sterpone, F 2016, 'Stability and Function at High Temperature. What Makes a Thermophilic GTPase Different from Its Mesophilic Homologue', *Journal of Physical Chemistry Part B*, Vuosikerta. 120, Nro 10, Sivut 2721-2730. <https://doi.org/10.1021/acs.jpcc.6b00306>

Nykänen, H, Mpamah, PA & Rissanen, AJ 2018, 'Stable carbon isotopic composition of peat columns, subsoil and vegetation on natural and forestry-drained boreal peatlands', *Isotopes in Environmental and Health Studies*, Vuosikerta. 54, Nro 6. <https://doi.org/10.1080/10256016.2018.1523158>

Christophliemk, H, Ullsten, H, Johansson, C & Järnström, L 2017, 'Starch-poly(vinyl alcohol) barrier coatings for flexible packaging paper and their effects of phase interactions', *Progress in Organic Coatings*, Vuosikerta. 111, Sivut 13-22. <https://doi.org/10.1016/j.porgcoat.2017.04.018>

Lepistö, SS & Rintala, JA 1997, 'Start-up and Operation of Laboratory-Scale Thermophilic Upflow Anaerobic Sludge Blanket Reactors Treating Vegetable Processing Wastewaters', *Journal of Chemical Technology and Biotechnology*, Vuosikerta. 68, Nro 3, Sivut 331-339. [https://doi.org/10.1002/\(SICI\)1097-4660\(199703\)68:3<331::AID-JCTB657>3.0.CO;2-Z](https://doi.org/10.1002/(SICI)1097-4660(199703)68:3<331::AID-JCTB657>3.0.CO;2-Z)

Tomkowski, R, Sorsa, A, Santa-Aho, S, Lundin, P & Vippola, M 2019, 'Statistical evaluation of barkhausen noise testing (BNT) for ground samples', *Sensors (Switzerland)*, Vuosikerta. 19, Nro 21, 4716. <https://doi.org/10.3390/s19214716>

Kulig, W, Kubisiak, P & Cwiklik, L 2011, 'Steric and electronic effects in the host-guest hydrogen bonding in clathrate hydrates', *Journal of Physical Chemistry A*, Vuosikerta. 115, Nro 23, Sivut 6149-6154. <https://doi.org/10.1021/jp111245z>

Stumpel, JE, Gil, ER, Spoelstra, AB, Bastiaansen, CWM, Broer, DJ & Schenning, APHJ 2015, 'Stimuli-Responsive Materials Based on Interpenetrating Polymer Liquid Crystal Hydrogels', *Advanced Functional Materials*, Vuosikerta. 25, Nro 22, Sivut 3314–3320. <https://doi.org/10.1002/adfm.201500745>

Isakov, M, Kokkonen, J, Östman, K & Kuokkala, V-T 2016, 'Strain rate change tests with the Split Hopkinson Bar method', *European Physical Journal. Special Topics*, Vuosikerta. 225, Nro 2, Sivut 231-242. <https://doi.org/10.1140/epjst/e2015-99999-x>

Karjalainen, P, Rönkkö, T, Simonen, P, Ntziachristos, L, Juuti, P, Timonen, H, Teinilä, K, Saarikoski, S, Saveljeff, H, Lauren, M, Happonen, M, Matilainen, P, Maunula, T, Nuottimäki, J & Keskinen, J 2019, 'Strategies To Diminish the Emissions of Particles and Secondary Aerosol Formation from Diesel Engines', *Environmental science & technology*, Vuosikerta. 53, Nro 17, Sivut 10408-10416. <https://doi.org/10.1021/acs.est.9b04073>

Kotila, T, Kogan, K, Enkavi, G, Guo, S, Vattulainen, I, Goode, BL & Lappalainen, P 2018, 'Structural basis of actin monomer re-charging by cyclase-Associated protein', *Nature Communications*, Vuosikerta. 9, Nro 1, 1892. <https://doi.org/10.1038/s41467-018-04231-7>

Wang, DY, Das, A, Leuteritz, A, Mahaling, RN, Jehnichen, D, Wagenknecht, U & Heinrich, G 2012, 'Structural characteristics and flammability of fire retarding EPDM/layered double hydroxide (LDH) nanocomposites', *RSC Advances*, Vuosikerta. 2, Nro 9, Sivut 3927-3933. <https://doi.org/10.1039/c2ra20189e>

Dehmer, M & Emmert-Streib, F 2008, 'Structural information content of networks: Graph entropy based on local vertex functionals', *Computational Biology and Chemistry*, Vuosikerta. 32, Nro 2, Sivut 131-138. <https://doi.org/10.1016/j.compbiolchem.2007.09.007>

Poutanen, M, Ikkala, O & Priimägi, A 2016, 'Structurally Controlled Dynamics in Azobenzene-Based Supramolecular Self-Assemblies in Solid State', *Macromolecules*, Vuosikerta. 49, Nro 11, Sivut 4095-4101. <https://doi.org/10.1021/acs.macromol.6b00562>

Marsalek, O, Uhlig, F, Vandevondele, J & Jungwirth, P 2012, 'Structure, dynamics, and reactivity of hydrated electrons by Ab initio molecular dynamics', *Accounts of Chemical Research*, Vuosikerta. 45, Nro 1, Sivut 23-32. <https://doi.org/10.1021/ar200062m>

Mokarian-Tabari, P, Cummins, C, Rasappa, S, Simao, C, Torres, CMS, Holmes, JD & Morris, MA 2014, 'Study of the kinetics and mechanism of rapid self-assembly in block copolymer thin films during solvo-microwave annealing', *Langmuir*, Vuosikerta. 30, Nro 35, Sivut 10728-10739. <https://doi.org/10.1021/la503137q>

Vapaavuori, J, Laventure, A, Bazuin, CG, Lebel, O & Pellerin, C 2015, 'Submolecular Plasticization Induced by Photons in Azobenzene Materials', *Journal of the American Chemical Society*, Vuosikerta. 137, Nro 42, Sivut 13510-13517. <https://doi.org/10.1021/jacs.5b06611>

Fatarelle, E, Mylläri, V, Ruzzante, M, Pogni, R, Baratto, MC, Skrifvars, M, Syrjälä, S & Järvelä, P 2015, 'Sulfonated polyetheretherketone/polypropylene polymer blends for the production of photoactive materials', *Journal of Applied Polymer Science*, Vuosikerta. 132, Nro 8, 41509. <https://doi.org/10.1002/app.41509>

Goh, JQ & Akola, J 2015, 'Superatom Model for Ag-S Nanocluster with Delocalized Electrons', *Journal of Physical Chemistry C*, Vuosikerta. 119, Nro 36, Sivut 21165-21172. <https://doi.org/10.1021/acs.jpcc.5b05824>

Saarimaa, V, Kaleva, A, Nikkanen, J-P, Heinonen, S, Levänen, E, Väisänen, P, Markkula, A & Juhanoja, J 2017, 'Supercritical carbon dioxide treatment of hot dip galvanized steel as a surface treatment before coating', *Surface and Coatings Technology*, Vuosikerta. 331, Sivut 137-142. <https://doi.org/10.1016/j.surfcoat.2017.10.047>

Cavallo, G, Terraneo, G, Monfredini, A, Saccone, M, Priimägi, A, Pilati, T, Resnati, G, Metrangolo, P & Bruce, DW 2016, 'Superfluorinated Ionic Liquid Crystals Based on Supramolecular, Halogen-Bonded Anions', *Angewandte Chemie (International Edition)*, Vuosikerta. 55, Nro 21, Sivut 6300-6304. <https://doi.org/10.1002/anie.201601278>

Lisitsyna, ES, Lygo, ON, Durandin, NA, Dement'eva, OV, Rudoi, VM & Kuzmin, VA 2012, 'Superquenching of SYBRGreen dye fluorescence in complex with DNA by gold nanoparticles', *HIGH ENERGY CHEMISTRY*, Vuosikerta. 46, Nro 6, Sivut 363-367. <https://doi.org/10.1134/S0018143912060057>

Vapaavuori, J, Siiskonen, A, Dichiarante, V, Forni, A, Saccone, M, Pilati, T, Pellerin, C, Shishido, A, Metrangolo, P & Priimagi, A 2017, 'Supramolecular control of liquid crystals by doping with halogen-bonding dyes', *RSC Advances*, Vuosikerta. 7, Nro 64, Sivut 40237-40242. <https://doi.org/10.1039/c7ra06397k>

Saccone, M, Dichiarante, V, Forni, A, Goulet-Hanssens, A, Cavallo, G, Vapaavuori, J, Terraneo, G, Barrett, CJ, Resnati, G, Metrangolo, P & Priimägi, A 2015, 'Supramolecular hierarchy among halogen and hydrogen bond donors in light-induced surface patterning', *Journal of Materials Chemistry C*, Vuosikerta. 3, Sivut 759-768. <https://doi.org/10.1039/c4tc02315c>

Werner, J, Wernersson, E, Ekholm, V, Ottosson, N, Öhrwall, G, Heyda, J, Persson, I, Söderström, J, Jungwirth, P & Björneholm, O 2014, 'Surface behavior of hydrated guanidinium and ammonium ions: A comparative study by photoelectron spectroscopy and molecular dynamics', *Journal of Physical Chemistry Part B*, Vuosikerta. 118, Nro 25, Sivut 7119-7127. <https://doi.org/10.1021/jp500867w>

Pelto, JM, Haimi, SP, Siljander, AS, Miettinen, SS, Tappura, KM, Higgins, MJ & Wallace, GG 2013, 'Surface properties and interaction forces of biopolymer-doped conductive polypyrrole surfaces by atomic force microscopy', *Langmuir*, Vuosikerta. 29, Nro 20, Sivut 6099-6108. <https://doi.org/10.1021/la4009366>

Rantala, TT, Rantala, TS, Lantto, V & Vaara, J 1996, 'Surface relaxation of the (1010) face of wurtzite CdS', *Surface Science*, Vuosikerta. 352-354, Sivut 77-82. [https://doi.org/10.1016/0039-6028\(95\)01094-7](https://doi.org/10.1016/0039-6028(95)01094-7)

Rantala, TT, Rantala, TS & Lantto, V 1999, 'Surface relaxation of the (110) face of rutile SnO₂', *Surface Science*, Vuosikerta. 420, Nro 1, Sivut 103-109. [https://doi.org/10.1016/S0039-6028\(98\)00833-4](https://doi.org/10.1016/S0039-6028(98)00833-4)

Koskela, JE, Vapaavuori, J, Hautala, J, Priimagi, A, Faul, CFJ, Kaivola, M & Ras, RHA 2012, 'Surface-relief gratings and stable birefringence inscribed using light of broad spectral range in supramolecular polymer-bisazobenzene complexes', *Journal of Physical Chemistry C*, Vuosikerta. 116, Nro 3, Sivut 2363-2370. <https://doi.org/10.1021/jp210706n>

Taskinen, B, Zauner, D, Lehtonen, SI, Koskinen, M, Thomson, C, Kähkönen, N, Kukkurainen, S, Määttä, JAE, Ihalainen, TO, Kulomaa, MS, Gruber, HJ & Hytönen, VP 2014, 'Switchavidin: Reversible biotin-avidin-biotin bridges with high affinity and specificity', *Bioconjugate Chemistry*, Vuosikerta. 25, Nro 12, Sivut 2233-2243. <https://doi.org/10.1021/bc500462w>

Chronopoulos, A, Thorpe, SD, Cortes, E, Lachowski, D, Rice, AJ, Mykuliak, VV, Rog, T, Lee, DA, Hytönen, VP & del Río Hernández, AE 2020, 'Syndecan-4 tunes cell mechanics by activating the kindlin-integrin-RhoA pathway', *Nature Materials*. <https://doi.org/10.1038/s41563-019-0567-1>

Ayodele, OB, Cai, R, Wang, J, Ziouani, Y, Liang, Z, Spadaro, MC, Kovnir, K, Arbiol, J, Akola, J, Palmer, RE & Kolen'Ko, YV 2019, 'Synergistic Computational-Experimental Discovery of Highly Selective PtCu Nanocluster Catalysts for Acetylene Semihydrogenation', *ACS CATALYSIS*, Sivut 451-457. <https://doi.org/10.1021/acscatal.9b03539>

Abou-Chahine, F, Fujii, D, Imahori, H, Nakano, H, Tkachenko, NV, Matano, Y & Lemmetyinen, H 2015, 'Synthesis and Photophysical Properties of Two Diazaporphyrin-Porphyrin Hetero Dimers in Polar and Nonpolar Solutions', *Journal of Physical Chemistry Part B*, Vuosikerta. 119, Nro 24, Sivut 7328-7337. <https://doi.org/10.1021/jp510903a>

Ahmed, Z, George, L, Hiltunen, A, Lemmetyinen, H, Hukka, T & Efimov, A 2015, 'Synthesis and study of electrochemical and optical properties of substituted perylenemonoimides in solutions and on solid surfaces', *Journal of Materials Chemistry A*, Vuosikerta. 3, Nro 25, Sivut 13332-13339. <https://doi.org/10.1039/c5ta02241j>

Figueira, J, Czardybon, W, Mesquita, JC, Rodrigues, J, Lahoz, F, Russo, L, Valkonen, A & Rissanen, K 2015, 'Synthesis, characterization and solid-state photoluminescence studies of six alkoxy phenylene ethynylene dinuclear palladium(ii) rods', *DALTON TRANSACTIONS*, Vuosikerta. 44, Nro 9, Sivut 4003-4015. <https://doi.org/10.1039/c4dt00493k>

