

Rantala TT, Jelski DA, George TF. **Electronic and structural properties of Si<sub>10</sub> cluster**. Journal of Cluster Science. 1990 Jun;1(2):189-200. <https://doi.org/10.1007/BF00702719>

Priimagi A, Shimamura A, Kondo M, Hiraoka T, Kubo S, Mamiya JI et al. **Location of the Azobenzene moieties within the cross-linked liquid-crystalline polymers can dictate the direction of photoinduced bending**. ACS Macro Letters. 2012;1(1):96-99. <https://doi.org/10.1021/mz200056w>

Laitaoja M, Valjakka J, Jänis J. **Zinc coordination spheres in protein structures**. Inorganic Chemistry. 2013 Oct 7;52(19):10983-10991. <https://doi.org/10.1021/ic401072d>

Wang X, Vapaavuori J, Zhao Y, Bazuin CG. **A supramolecular approach to photoresponsive thermo/solvoplastic block copolymer elastomers**. Macromolecules. 2014 Oct 28;47(20):7099-7108. <https://doi.org/10.1021/ma501278b>

Shin J, Cherstvy AG, Metzler R. **Polymer looping is controlled by macromolecular crowding, spatial confinement, and chain stiffness**. ACS Macro Letters. 2015 Feb 17;4(2):202-206. <https://doi.org/10.1021/mz500709w>

Figueira J, Czardybon W, Mesquita JC, Rodrigues J, Lahoz F, Russo L et al. **Synthesis, characterization and solid-state photoluminescence studies of six alkoxy phenylene ethynylene dinuclear palladium(II) rods**. DALTON TRANSACTIONS. 2015 Mar 7;44(9):4003-4015. <https://doi.org/10.1039/c4dt00493k>

Tukiainen A, Likonen J, Toikkanen L, Leinonen T. **Unintentional boron contamination of MBE-grown GaInP/AlGaInP quantum wells**. Journal of Crystal Growth. 2015 Sep 1;425:60-63. <https://doi.org/10.1016/j.jcrysgro.2015.02.048>

Vapaavuori J, Grosrenaud J, Pellerin C, Bazuin CG. **In Situ Photocontrol of Block Copolymer Morphology during Dip-Coating of Thin Films**. ACS Macro Letters. 2015 Oct 20;4(10):1158-1162. <https://doi.org/10.1021/acsmacrolett.5b00483>

Vapaavuori J, Heikkinen ITS, Dichiarante V, Resnati G, Metrangolo P, Sabat RG et al. **Photomechanical Energy Transfer to Photopassive Polymers through Hydrogen and Halogen Bonds**. Macromolecules. 2015 Oct 27;48(20):7535-7542. <https://doi.org/10.1021/acs.macromol.5b01813>

Dhieb AC, Valkonen A, Rzaigui M, Smirani W. **Synthesis, crystal structure, physico-chemical characterization and dielectric properties of a new hybrid material, 1-Ethylpiperazine-1,4-dium tetrachlorocadmate**. Journal of Molecular Structure. 2015 Dec 15;1102:50-56. <https://doi.org/10.1016/j.molstruc.2015.08.044>

Poutanen M, Ikkala O, Priimägi A. **Structurally Controlled Dynamics in Azobenzene-Based Supramolecular Self-Assemblies in Solid State**. Macromolecules. 2016 Jun 14;49(11):4095-4101. <https://doi.org/10.1021/acs.macromol.6b00562>

Siiskonen A, Priimägi A. **Benchmarking DFT methods with small basis sets for the calculation of halogen-bond strengths**. Journal of Molecular Modeling. 2017 Feb 1;23(2). 50. <https://doi.org/10.1007/s00894-017-3212-4>

Rokade SS, Joshi KA, Mahajan K, Patil S, Tomar G, Dubal DS et al. **Gloriosa superba Mediated Synthesis of Platinum and Palladium Nanoparticles for Induction of Apoptosis in Breast Cancer**. Bioinorganic Chemistry and Applications. 2018;2018. 4924186. <https://doi.org/10.1155/2018/4924186>

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

Poutanen M, Ahmed Z, Rautkari L, Ikkala O, Priimägi A. **Thermal Isomerization of Hydroxyazobenzenes as a Platform for Vapor Sensing**. ACS Macro Letters. 2018 Mar 20;7(3):381-386. <https://doi.org/10.1021/acsmacrolett.8b00093>

George L, Hiltunen A, Santala V, Efimov A. **Photo-antimicrobial efficacy of zinc complexes of porphyrin and phthalocyanine activated by inexpensive consumer LED lamp.** Journal of Inorganic Biochemistry. 2018 Jun 1;183:94-100. <https://doi.org/10.1016/j.jinorgbio.2018.03.015>

Siljander S, Keinänen P, Rätty A, Ramakrishnan KR, Tuukkanen S, Kunnari V et al. **Effect of surfactant type and sonication energy on the electrical conductivity properties of nanocellulose-CNT nanocomposite films.** International Journal of Molecular Sciences. 2018 Jun 20;19(6). 1819. <https://doi.org/10.3390/ijms19061819>

Tan LC, Espinosa-Ortiz EJ, Nanchaiah YV, van Hullebusch ED, Gerlach R, Lens PN. **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. 2018 Aug;93(8):2380-2389. <https://doi.org/10.1002/jctb.5586>

Joost U, Sutka A, Oja M, Smits K, Doebelin N, Loot A et al. **Reversible photodoping of TiO<sub>2</sub> nanoparticles.** Chemistry of Materials. 2018 Dec 26;30(24):8968-8974. <https://doi.org/10.1021/acs.chemmater.8b04813>

Puustinen J, Hilska J, Guina M. **Analysis of GaAsBi growth regimes in high resolution with respect to As/Ga ratio using stationary MBE growth.** Journal of Crystal Growth. 2019 Apr 1;511:33-41. <https://doi.org/10.1016/j.jcrysgr.2019.01.010>

Hilska J, Koivusalo E, Puustinen J, Suomalainen S, Guina M. **Epitaxial phases of high Bi content GaSbBi alloys.** Journal of Crystal Growth. 2019 Jun 15;516:67-71. <https://doi.org/10.1016/j.jcrysgr.2019.03.028>