

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

Wang, Xin et al. "A supramolecular approach to photoresponsive thermo/solvoplastic block copolymer elastomers". *Macromolecules*. 2014, 47(20). 7099-7108. <https://doi.org/10.1021/ma501278b>

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

Siljander, Sanna 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. 19(6). <https://doi.org/10.3390/ijms19061819>

Rantala, Tapio T., Daniel A. Jelski and Thomas F. George. "Electronic and structural properties of Si<sub>10</sub> cluster". *Journal of Cluster Science*. 1990, 1(2). 189-200. <https://doi.org/10.1007/BF00702719>

Hilska, Joonas et al. "Epitaxial phases of high Bi content GaSbBi alloys". *Journal of Crystal Growth*. 2019, 516. 67-71. <https://doi.org/10.1016/j.jcrysgro.2019.03.028>

Rokade, Shalaka S. et al. "Gloriosa superba Mediated Synthesis of Platinum and Palladium Nanoparticles for Induction of Apoptosis in Breast Cancer". *Bioinorganic Chemistry and Applications*. 2018. 2018. <https://doi.org/10.1155/2018/4924186>

Vapaavuori, Jaana et al. "In Situ Photocontrol of Block Copolymer Morphology during Dip-Coating of Thin Films". *ACS Macro Letters*. 2015, 4(10). 1158-1162. <https://doi.org/10.1021/acsmacrolett.5b00483>

Priimägi, Arri 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>

George, Lijo et al. "Photo-antimicrobial efficacy of zinc complexes of porphyrin and phthalocyanine activated by inexpensive consumer LED lamp". *Journal of Inorganic Biochemistry*. 2018, 183. 94-100. <https://doi.org/10.1016/j.jinorgbio.2018.03.015>

Vapaavuori, Jaana et al. "Photomechanical Energy Transfer to Photopassive Polymers through Hydrogen and Halogen Bonds". *Macromolecules*. 2015, 48(20). 7535-7542. <https://doi.org/10.1021/acs.macromol.5b01813>

Shin, Jaeoh, Andrey G. Cherstvy and Ralf Metzler. "Polymer looping is controlled by macromolecular crowding, spatial confinement, and chain stiffness". *ACS Macro Letters*. 2015, 4(2). 202-206. <https://doi.org/10.1021/mz500709w>

Joost, Urmas et al. "Reversible photodoping of TiO<sub>2</sub> nanoparticles". *Chemistry of Materials*. 2018, 30(24). 8968-8974. <https://doi.org/10.1021/acs.chemmater.8b04813>

Tan, Lea Chua et al. "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, 93(8). 2380-2389. <https://doi.org/10.1002/jctb.5586>

Nykänen, Hannu, Promise A. Mpamah, and Antti J. Rissanen. "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, Mikko, Olli Ikkala, and Arri Priimägi. "Structurally Controlled Dynamics in Azobenzene-Based Supramolecular Self-Assemblies in Solid State". *Macromolecules*. 2016, 49(11). 4095-4101. <https://doi.org/10.1021/acs.macromol.6b00562>

Figueira, João et al. "Synthesis, characterization and solid-state photoluminescence studies of six alkoxy phenylene ethynylene dinuclear palladium(ii) rods". *DALTON TRANSACTIONS*. 2015, 44(9). 4003-4015. <https://doi.org/10.1039/c4dt00493k>

Dhieb, A. C. et al. "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, 1102. 50-56. <https://doi.org/10.1016/j.molstruc.2015.08.044>

Poutanen, Mikko et al. "Thermal Isomerization of Hydroxyazobenzenes as a Platform for Vapor Sensing". *ACS Macro Letters*. 2018, 7(3). 381-386. <https://doi.org/10.1021/acsmacrolett.8b00093>

Tukiainen, Antti et al. "Unintentional boron contamination of MBE-grown GaInP/AlGaInP quantum wells". *Journal of Crystal Growth*. 2015, 425. 60-63. <https://doi.org/10.1016/j.jcrysgro.2015.02.048>

Laitaoja, Mikko, Jarkko Valjakka and Janne Jänis. "Zinc coordination spheres in protein structures". *Inorganic Chemistry*. 2013, 52(19). 10983-10991. <https://doi.org/10.1021/ic401072d>