

Calculated tautomeric equilibria and X-ray structures of 2-substituted N-methoxy-9-methyl-9H-purin-6-amines

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Controlling chirogenic effects in porphyrin based supramolecular systems: theoretical analysis versus experimental observations

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A DFT study of an organocatalytic enantioselective Mannich reaction under the sway of noncovalent interactions

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Efficient defect-driven cation exchange beyond the nanoscale semiconductors toward antibacterial functionalization

Polivtseva, Svetlana; **Volobujeva, Olga**; **Kuznietsov, Ivan**; **Kaupmees, Reelika**; **Danilson, Mati**; **Krustok, Jüri**; Molaiyan, Palanivel; Hu, Tao; Lassi, Ulla; **Klopov, Mihhail**; van Gog, Heleen; van Huis, Marijn A.; Kaur, Harleen; Ivask, Angela; Rosenberg, Merilin; Gathergood, Nicholas; Ni, Chaoying; **Grossberg-Kuusk, Maarja** ACS applied materials & interfaces 2024 / p. 62871-62882
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Solution-mediated inversion of SnSe to Sb2Se3 thin-films

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Supramolecular chirogenesis in a sterically hindered Porphyrin : a critical theoretical analysis

Osadchuk, Irina; **Luts, Hanna-Eliisa**; **Norvaiša, Karolis**; **Borovkov, Victor**; **Senge, Mathias O.** Chemistry : a European journal 2023 / art. e202301408 <https://doi.org/10.1002/chem.202301408>

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Synthesis, EPR and DFT calculations of rare Ag(II)porphyrins and the crystal structure of [Zn(II)tetrakis(4-bromo-2-thiophene)porphyrin]

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