

## Publication Details: (Last Five Years)

### Dr. Manoj Majumdar:

- Design of a few end-capped donor–acceptor inorganic–organic hybrid Nickel dithiolene derivatives for efficient NLO response, Theoretical Chemistry Accounts, 2023, 48, 142, <http://dx.doi.org/10.1007/s00214-023-02990-1>
- Palladium-Mediated Reductive Heck Cyclization for the Synthesis of Fused Retinoid Derivatives, SynOpen, 2023, 07, 58-64, <http://dx.doi.org/10.1055/a-2022-3227>
- New Set of Multicomponent Crystals as Efficient Heterogeneous Catalysts for the Synthesis of Cyclic Carbonates, ACS Omega, 2019, 4, 3, 2021, <http://dx.doi.org/10.1021/acsomega.9b00101>
- Strategic design of thiophene-fused nickel dithiolene derivatives for efficient NLO response, Physical Chemistry Chemical Physics, 2018, 20, 19007, <http://dx.doi.org/10.1039/c8cp01592a>
- Ligand-induced symmetry breaking and concomitant blueshift in the emission wavelength of an octahedral chromium complex, 2018, 24, 230, <https://link.springer.com/article/10.1007/s00894-018-3768-7>

### Dr. Chanchal Mondal:

- An account on the deep eutectic solvents-based electrolytes for rechargeable batteries and supercapacitors, Sustainable Materials and Technologies, 2023, 2214-9937 <https://doi.org/10.1016/j.susmat.2022.e00477>
- Developing High-Performance Flexible Zinc Ion from Agricultural Waste-Derived carbon Sheet, ACS Sustainable Chemistry Engineering, 2022, 2168-0485 <https://doi.org/10.1021/acssuschemeng.1c06569>

### Dr. Santanu Chakravorty:

- Playing with Liquid Crystals: A Short Review, Oriental Journal of Chemistry, 2022, 0970 - 020X, <http://dx.doi.org/10.13005/ojc/380401>
- Palladium-Mediated Reductive Heck Cyclization for the Synthesis of Fused Retinoid Derivatives, SynOpen, 2023, 2509-9396 <https://www.thieme-connect.com/products/ejournals/html/10.1055/a-2022-3227>