

## Nature Index Publications

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**29. Mahesh Kumar Ravva**, Rajagopal Pothikumar, Chandrasekaran Sivaraj, Kayambu Giridharan, Mahesh Kumar Ravva, and Kayambu Namitharan, "Stereoselective Addition of Alkynes to Ketenimines: Copper/Amine Catalyzed Sulfonyl Azide–Alkyne Cycloaddition Reactions for the Synthesis of (Z)-1,3-Enynes", *American Chemical Society*, 24, 4310–4315, 2022, DOI: 10.1021/acs.orglett.2c01180

**28. Nimai Mishra**, Syed Akhil, Subarna Biswas, Manoj Palabathuni, Rahul Singh, Amine-Free Synthetic Route: An Emerging Approach to Making High-Quality Perovskite Nanocrystals for Futuristic Application, *The Journal of Physical Chemistry Letters*, 13, 40, 9480–9493, 2022, DOI: 10.1021/acs.jpcllett.2c02403

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- 23. Ranjit Thapa**, Subhajit Sarkar, Ashmita Biswas, E S, **Erakulan**, Ranjit Thapa, Ramendra Sundar Dey, Strategic modulation of target-specific isolated Fe, Co single-atom active sites for oxygen electrocatalysis impacting high power Zn-air battery, *ACS Nano*, 16, 5, 7890–7903, 2022, DOI: [10.1021/acsnano.2c00547](https://doi.org/10.1021/acsnano.2c00547)
- 22. Ranjit Thapa**, Abhinandan Patra, **Samadhan Kapse**, Ranjit Thapa, Dattatray Late, Chandra Sekhar Rout, Supercapacitor electrodes based on quasi-one-dimensional van der Waals TiS<sub>3</sub> nanosheets: experimental findings and theoretical validation, *Applied Physics Letters*, 120, 103102, 2022, DOI: [10.1063/5.0080346](https://doi.org/10.1063/5.0080346)
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**13. Mahesh Kumar Ravva**, Jyoti Chauhan, Mahesh K. Ravva, Ludovic Gremaud, and Subhabrata Sen, Blue LED Mediated Intramolecular C–H Functionalization and Cyclopropanation of Tryptamines: Synthesis of Azepino[4, 5-b]indoles and Natural Product Inspired Polycyclic Indoles, *Organic Letters*, 22, 11, 4537–4541, 2020, DOI: [10.1021/acs.orglett.0c01559](https://doi.org/10.1021/acs.orglett.0c01559)

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