



Department of Chemistry
Publication details A.Y 2021-22

S.No.	Name of the faculty	Title of the article	Name of the journal	DOI	Article/Book	Impact factor	h-index
		MXene (Ti ₃ C ₂ T _x)-/Amine-Functionalized Graphene-Supported Self-Assembled Co ₉ S ₈ Nanoflower for Ultrastable Hybrid Supercapacitor	Industrial and Engineering Chemistry Research	10.1021/acs.iecr.2c00810	Article	3.8	255
		Hollow nano- and microstructures: Mechanism, composition, applications, and factors affecting morphology and performance	Coordination Chemistry Reviews	10.1016/j.ccr.2022.214429	Article	20.3	312
		Heteroatom doping of 2D graphene materials for electromagnetic interference shielding: a review of recent progress	Materials Today	10.1080/10408436.2021.1965954	Article	12	64

1	Dr. Sumanth Sahoo	Novel Nanoporous Ti-Phosphonate Metal-Organic Framework for Selective Sensing of 2,4,6-Trinitrophenol and a Promising Electrode in an Energy Storage Device	ACS Sustainable Chemistry and Engineering	10.1021/acssuschemeng.1c04877	Article	7.1	173
		Factors affecting the growth formation of nanostructures and their impact on electrode materials : A systematic review	Materials Chemistry Physics	10.1039/d1qm00556a	Article	6	82
		Microwave-assisted thin reduced graphene oxide-cobalt oxide nanoparticles as hybrids for electrode materials in supercapacitor	Journal of Energy Storage	10.1016/j.est.2021.102724	Article	8.9	105
2	Dr. George.P.P	A Study on Annealing Process Influenced Electrical Properties of Ni/CeO ₂ /p-Si/Al Schottky Barrier Diodes	Macromolecular Symposia	10.1002/masy.202000228	Article	0.8	84
3	Dr. Chandramohan	INVESTIGATIONS ON FUNCTIONAL PROPERTIES OF Al _{0.8} Eu _y La _{0.2-y} TiO ₃ (y = 0.01 - 0.04) NANOPARTICLES SYNTHESIZED BY HYDROTHERMAL METHOD	Surface Review and Letters	10.1142/S0218625X22500974	Article	1.2	46