

# A Murugan

## List of Publications by Year in descending order

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14  
papers

283  
citations

840776

11  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on structural and dielectric behaviour of PVA/PVP/SnO nanocomposites. <i>Composites Communications</i> , 2021, 23, 100597.	6.3	56
2	Robust one-step synthesis of bismuth molybdate nanocomposites: A promising negative electrode for high end ultracapacitors. <i>Solid State Sciences</i> , 2020, 106, 106303.	3.2	33
3	Investigations on ternary transition metal ferrite: NiCoFe <sub>2</sub> O <sub>4</sub> as potential electrode for supercapacitor prepared by microwave irradiation method. <i>Journal of Energy Storage</i> , 2021, 44, 103257.	8.1	32
4	Structural and charge density distribution studies on Tin Oxide nanoparticles for Supercapacitor application. <i>Journal of Energy Storage</i> , 2020, 28, 101194.	8.1	30
5	A facile microwave-assisted combustion synthesis of NiCoFe <sub>2</sub> O <sub>4</sub> anchored polymer nanocomposites as an efficient electrode material for asymmetric supercapacitor application. <i>Journal of Energy Storage</i> , 2022, 48, 103965.	8.1	25
6	Synthesis, supramolecular architecture, thermal and optical behavior of 4-methoxyanilinium perchlorate: A promising third-order NLO material for optical limiting device applications. <i>Optical Materials</i> , 2019, 96, 109290.	3.6	21
7	Structural, thermal and electro-optical properties of guanidine based Metal-Organic Framework (MOF). <i>Chinese Journal of Physics</i> , 2020, 68, 764-777.	3.9	20
8	A promising guanidinium based metal-organic single crystal for optical power limiting applications. <i>Chinese Journal of Physics</i> , 2020, 64, 103-114.	3.9	16
9	Supramolecular architecture, hydrogen bonding assembly and Hirshfeld surface analysis of charge transfer adipate salt of 4-methoxyaniline. <i>Chemical Data Collections</i> , 2019, 24, 100281.	2.3	13
10	Investigation on structural, optical, dielectric, mechanical and thermal properties of 4-methoxyaniline hydroquinone cocrystal: A promising optical power limiting material. <i>Journal of Molecular Structure</i> , 2020, 1205, 127619.	3.6	13
11	Preparation of Cu <sub>2</sub> ZnSnS <sub>4</sub> Thin Films by Successive Ionic Layer Adsorption and Reaction (SILAR) Method for Supercapacitor Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 6235-6244.	0.9	11
12	Structural, mechanical, thermal, electro-optical studies on diprotonated adipate salt of para-anisidine for intensity tunable optical limiting applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 17921-17930.	2.2	9
13	Structural, Spectroscopic, Cytotoxicity and Molecular Docking Studies of Charge Transfer Salt: 4-Aminiumantipyrene Salicylate. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 3159-3174.	2.6	4
14	Structural, Electronic, Molecular Orbital Analysis and Charge Distributions on Nitrate Salt of Guanidine through DFT and TD-DFT Methods. <i>Asian Journal of Chemistry</i> , 2021, 33, 1905-1910.	0.3	0