

P Muhammed Shafi

List of Publications by Year in descending order

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27
papers

943
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566801

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docs citations

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1241
citing authors

#	ARTICLE	IF	CITATIONS
1	Sr- and Fe-substituted LaMnO ₃ Perovskite: Fundamental insight and possible use in asymmetric hybrid supercapacitor. <i>Energy Storage Materials</i> , 2022, 45, 119-129.	9.5	44
2	Raspberry-like CuWO ₄ hollow spheres anchored on sulfur-doped g-C ₃ N ₄ composite: An efficient electrocatalyst for selective electrochemical detection of antibiotic drug nitrofurazone. <i>Chemosphere</i> , 2022, 296, 133997.	4.2	24
3	Synthesis and Characterization of Pyrochlore-Type Praseodymium Stannate Nanoparticles: An Effective Electrocatalyst for Detection of Nitrofurazone Drug in Biological Samples. <i>Inorganic Chemistry</i> , 2021, 60, 2464-2476.	1.9	33
4	Lemon juice-assisted synthesis of LaMnO ₃ perovskite nanoparticles for electrochemical detection of dopamine. <i>Microchemical Journal</i> , 2021, 164, 105945.	2.3	22
5	Effect of Ag doping on crystallinity and microstrain of LaMnO ₃ nanoparticles: Confirmations of defect levels with positron lifetime and Doppler-broadening calculations. <i>Physica B: Condensed Matter</i> , 2021, 615, 413087.	1.3	6
6	Investigation on microstructural impacts to electrochemical performances of strontium tungstate as efficient bifunctional catalyst for hydrogen and oxygen evolution reactions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 126, 145-153.	2.7	15
7	Self-templated hollow nanospheres of B-site engineered non-stoichiometric perovskite for supercapacitive energy storage via anion-intercalation mechanism. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 729-739.	5.0	19
8	Massive engineering of spinel cobalt tin oxide/tin oxide-based electrocatalyst for the selective voltammetric determination of antibiotic drug furaltadone in water samples. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160750.	2.8	26
9	Ingenious design of iron vanadate engulfed 3D porous reduced graphene oxide nanocomposites as a reliable electrocatalyst for the selective amperometric determination of furaltadone in aquatic environments. <i>Applied Surface Science</i> , 2021, 569, 151046.	3.1	20
10	Three dimensional NiO nanonetwork electrode for efficient electrochemical energy storage application. <i>Electrochimica Acta</i> , 2021, 399, 139392.	2.6	9
11	Perovskite Oxides as Advanced Energy Materials for Solid Oxide Fuel Cell and Supercapacitor Applications. <i>Advances in Material Research and Technology</i> , 2020, , 181-204.	0.3	1
12	Recent Advances in 2D-MoS ₂ and its Composite Nanostructures for Supercapacitor Electrode Application. <i>Energy & Fuels</i> , 2020, 34, 6558-6597.	2.5	143
13	Carbon nanoparticles synthesized by laser ablation of coconut shell charcoal in liquids for glucose sensing applications. <i>Materials Research Express</i> , 2019, 6, 115610.	0.8	13
14	A comparative investigation of electrochemical charge storage properties on \hat{I}^2 , \hat{I}^3 , \hat{I}^1 and \hat{I}^4 -MnO ₂ nanoparticles. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
15	Enhanced electrochemical performances of agglomeration-free LaMnO ₃ perovskite nanoparticles and achieving high energy and power densities with symmetric supercapacitor design. <i>Chemical Engineering Journal</i> , 2018, 338, 147-156.	6.6	83
16	Metallic MoS ₂ Anchored on Reduced Graphene Oxide Sheets with Edge Orientation, and Its Electrochemical Investigation on Energy Storage Application. <i>ChemistrySelect</i> , 2018, 3, 11993-12000.	0.7	5
17	Electrochemical Material Processing via Continuous Charge-Discharge Cycling: Enhanced Performance upon Cycling for Porous LaMnO ₃ Perovskite Supercapacitor Electrodes. <i>ChemElectroChem</i> , 2018, 5, 3723-3730.	1.7	23
18	LaMnO ₃ /RGO/PANI Ternary Nanocomposites for Supercapacitor Electrode Application and Their Outstanding Performance in All-Solid-State Asymmetrical Device Design. <i>ACS Applied Energy Materials</i> , 2018, 1, 2802-2812.	2.5	64

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19	Metallic 1T-MoS ₂ with defect induced additional active edges for high performance supercapacitor application. New Journal of Chemistry, 2018, 42, 12082-12090.	1.4	69
20	One-pot synthesis of LaMnO ₃ /Mn ₃ O ₄ Nanocomposite: Impact of Calcination Temperature on the Synergetic Effect Towards High Energy Supercapacitor Performance. ChemistrySelect, 2018, 3, 6459-6467.	0.7	9
21	γ-MnO ₂ /h-MoO ₃ Hybrid Material for High Performance Supercapacitor Electrode and Photocatalyst. ACS Sustainable Chemistry and Engineering, 2017, 5, 4757-4770.	3.2	99
22	Synthesis and investigation on electrochemical property of γ-MnO ₂ nanoparticle. AIP Conference Proceedings, 2017, , .	0.3	3
23	Structural evolution of tetragonal MnO ₂ and its electrochemical behavior. AIP Conference Proceedings, 2016, , .	0.3	1
24	γ-MnO ₂ Nanoparticles with High Surface Area for Electrochemical Supercapacitor Application. ECS Meeting Abstracts, 2016, , .	0.0	0
25	Impact of crystalline defects and size on X-ray line broadening: A phenomenological approach for tetragonal SnO ₂ nanocrystals. AIP Advances, 2015, 5, .	0.6	206
26	Synthesis and characterization of γ-MnO ₂ electrode for supercapacitor application. AIP Conference Proceedings, 2015, , .	0.3	3
27	Effect of Reaction Medium on Porosity and Electrochemical Properties of MnO ₂ Nanoparticle. Advanced Porous Materials, 2015, 3, 57-62.	0.3	0