

Dinesh Selvakumaran

List of Publications by Year in descending order

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17
papers

870
citations

840119

11
h-index

940134

16
g-index

18
all docs

18
docs citations

18
times ranked

1316
citing authors

#	ARTICLE	IF	CITATIONS
1	Cathode Materials for Rechargeable Aqueous Zn Batteries. , 2022, , .		1
2	Fabrication of gum acacia protected zinc oxide nanoparticles for UV assisted photocatalysis of methyl green textile dye. Chemical Physics Letters, 2022, 800, 139662.	1.2	4
3	A review on recent developments and challenges of cathode materials for rechargeable aqueous Zn-ion batteries. Journal of Materials Chemistry A, 2019, 7, 18209-18236.	5.2	387
4	Facile synthesis of Nb ₂ O ₅ /carbon nanocomposites as advanced anode materials for lithium-ion batteries. Electrochimica Acta, 2018, 292, 63-71.	2.6	77
5	Three-Dimensional Carbon-Coated Treelike Ni ₃ S ₂ Superstructures on a Nickel Foam as Binder-Free Bifunctional Electrodes. ACS Applied Materials & Interfaces, 2018, 10, 36018-36027.	4.0	44
6	<i>in situ</i> formation of porous graphitic carbon wrapped MnO/Ni microsphere networks as binder-free anodes for high-performance lithium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 12316-12322.	5.2	23
7	Encapsulation of Co _x Nanocrystals into N/S Co-Doped Honeycomb-Like 3D Porous Carbon for High-Performance Lithium Storage. Advanced Science, 2018, 5, 1800829.	5.6	172
8	Synthesis, structural, optical and morphological properties of CdSe:Zn/CdS core-shell nanoparticles. Journal of Sol-Gel Science and Technology, 2017, 82, 109-118.	1.1	7
9	Strategic Green Synthesis, Characterization and Catalytic Application to 4-Nitrophenol Reduction of Palladium Nanoparticles. Journal of Cluster Science, 2017, 28, 2123-2131.	1.7	26
10	Facile hydrothermal synthesis of cobalt stannate (Co ₂ SnO ₄) nano particles for electrochemical properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 4780-4787.	1.1	19
11	Facile hydrothermally synthesized mesoporous manganous stannate (Mn ₂ SnO ₄) nanoparticles and its electrochemical properties. Materials Research Express, 2017, 4, 125010.	0.8	7
12	Tuning the crystalline size of template free hexagonal ZnO nanoparticles via precipitation synthesis towards enhanced photocatalytic performance. Journal of Materials Science: Materials in Electronics, 2017, 28, 2574-2585.	1.1	13
13	Hydrothermal synthesis of zinc stannate (Zn ₂ SnO ₄) nanoparticles and its application towards photocatalytic and antibacterial activity. Journal of Materials Science: Materials in Electronics, 2016, 27, 9668-9675.	1.1	33
14	Photocatalytic and electrochemical performance of hydrothermally synthesized cubic Cd ₂ SnO ₄ nanoparticles. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 214, 37-45.	1.7	16
15	Improved photocatalytic properties and anti-bacterial activity of size reduced ZnO nanoparticles via PEG-assisted precipitation route. Journal of Materials Science: Materials in Electronics, 2016, 27, 12517-12526.	1.1	10
16	Effect of activated carbon on electrochemical and photocatalytic performance of hydrothermally synthesized zinc stannate nanoparticles. Journal of Materials Science: Materials in Electronics, 2016, 27, 12786-12795.	1.1	7
17	Influence of Co doping on combined photocatalytic and antibacterial activity of ZnO nanoparticles. Materials Research Express, 2016, 3, 115009.	0.8	24