Dinesh Selvakumaran

List of Publications by Year
in descending order

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17	870	840119 11	940134 16
papers	citations	h-index	g-index

18	18	18	1316
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Encapsulation of CoS_x Nanocrystals into N/S Coâ€Doped Honeycombâ€Like 3D Porous Carbon for Highâ€Performance Lithium Storage. Advanced Science, 2018, 5, 1800829.	5.6	172
3	Facile synthesis of Nb2O5/carbon nanocomposites as advanced anode materials for lithium-ion batteries. Electrochimica Acta, 2018, 292, 63-71.	2.6	77
4	Three-Dimensional Carbon-Coated Treelike Ni₃S₂ Superstructures on a Nickel Foam as Binder-Free Bifunctional Electrodes. ACS Applied Materials & Interfaces, 2018, 10, 36018-36027.	4.0	44
5	Hydrothermal synthesis of zinc stannate (Zn2SnO4) nanoparticles and its application towards photocatalytic and antibacterial activity. Journal of Materials Science: Materials in Electronics, 2016, 27, 9668-9675.	1.1	33
6	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
7	Influence of Co doping on combined photocatalytic and antibacterial activity of ZnO nanoparticles. Materials Research Express, 2016, 3, 115009.	0.8	24
8	In situ 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
9	Facile hydrothermal synthesis of cobalt stannate (Co2SnO4) nano particles for electrochemical properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 4780-4787.	1.1	19
10	Photocatalytic and electrochemical performance of hydrothermally synthesized cubic Cd2SnO4 nanoparticles. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 214, 37-45.	1.7	16
11	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
12	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
13	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
14	Synthesis, structural, optical and morphological properties of CdSe:Zn/CdS coreâ€“shell nanoparticles. Journal of Sol-Gel Science and Technology, 2017, 82, 109-118.	1.1	7
15	Facile hydrothermally synthesized mesoporous manganous stannate (Mn₂SnO₄) nanoparticles and its electrochemical properties. Materials Research Express, 2017, 4, 125010.	0.8	7
16	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
17	Cathode Materials for Rechargeable Aqueous Zn Batteries. , 2022, , .		1