Ra Senthil

List of Publications by Year
in descending order

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16	846	759233 12	1125743 13
papers	citations	h-index	g-index

16	16	16	1194
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Facile Synthesis of Anatase Ni2+ Doped TiO2 Nanorods with Highly Improved Visible-Light Photocatalytic Performance. Current Analytical Chemistry, 2021, 17, 279-284.	1.2	6
2	A study of photocatalytic and photoelectrochemical activity of as-synthesized WO3/g-C3N4 composite photocatalysts for AO7 degradation. Materials Science for Energy Technologies, 2020, 3, 43-50.	1.8	28
3	Recent developments of metal oxide based heterostructures for photocatalytic applications towards environmental remediation. Journal of Solid State Chemistry, 2018, 267, 35-52.	2.9	187
4	Synthesis and characterization of low-cost g-C 3 N 4 /TiO 2 composite with enhanced photocatalytic performance under visible-light irradiation. Optical Materials, 2017, 64, 533-539.	3.6	111
5	Recent advances in MoS 2 nanostructured materials for energy and environmental applications â€“ A review. Journal of Solid State Chemistry, 2017, 252, 43-71.	2.9	216
6	Influence of organic additive to PVDF-HFP mixed iodide electrolytes on the photovoltaic performance of dye-sensitized solar cells. Journal of Physics and Chemistry of Solids, 2017, 101, 18-24.	4.0	20
7	Synthesis of various carbon incorporated flower-like MoS2 microspheres as counter electrode for dye-sensitized solar cells. Journal of Solid State Electrochemistry, 2017, 21, 581-590.	2.5	40
8	Enhanced performance of dye-sensitized solar cells based on organic dopant incorporated PVDF-HFP/PEO polymer blend electrolyte with g-C3N4/TiO2 photoanode. Journal of Solid State Chemistry, 2016, 242, 199-206.	2.9	34
9	Performance characteristics of guanine incorporated PVDF-HFP/PEO polymer blend electrolytes with binary iodide salts for dye-sensitized solar cells. Optical Materials, 2016, 58, 357-364.	3.6	28
10	Organic dopant added polyvinylidene fluoride based solid polymer electrolytes for dye-sensitized solar cells. Journal of Physics and Chemistry of Solids, 2016, 89, 78-83.	4.0	24
11	Synthesis and characterization of (Ni1â^'xCox)Se2 based ternary selenides as electrocatalyst for triiodide reduction in dye-sensitized solar cells. Journal of Solid State Chemistry, 2016, 238, 113-120.	2.9	62
12	Synthesis of Î±-Mo2C by Carburization of Î±-MoO3 Nanowires and Its Electrocatalytic Activity towards Tri-iodide Reduction for Dye-Sensitized Solar Cells. Journal of Materials Science and Technology, 2016, 32, 1339-1344.	10.7	29
13	Optimization of performance characteristics of 2-mercaptopyridine-doped polyvinylidene fluoride (PVDF) polymer electrolytes for dye-sensitized solar cells. Journal of Non-Crystalline Solids, 2014, 406, 133-138.	3.1	23
14	A Comparative Study on the Role of Precursors of Graphitic Carbon Nitrides for the Photocatalytic Degradation of Direct Red 81. Materials Science Forum, 0, 807, 101-113.	0.3	15
15	Synthesis of Efficient Ni_{0.9}X_{0.1}Se₂ (X=Cd, Co, Sn and Zn) Based Ternary Selenides for Dye-Sensitized Solar Cells. Materials Science Forum, 0, 832, 61-71.	0.3	11
16	Hematite Fe₂O₃ Nanoparticles Incorporated Polyvinyl Alcohol Based Polymer Electrolytes for Dye-Sensitized Solar Cells. Materials Science Forum, 0, 832, 72-83.	0.3	12