Rajendra Kumar Gunasekaran

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7831911/publications.pdf

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10	393	933264 10	1372474 10
papers	citations	h-index	g-index

10	10	10	913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phase transition kinetics and surface binding states of methylammonium lead iodide perovskite. Physical Chemistry Chemical Physics, 2016, 18, 7284-7292.	1.3	94
2	Interplay between Iodide and Tin Vacancies in CsSnI₃ Perovskite Solar Cells. Journal of Physical Chemistry C, 2017, 121, 16447-16453.	1.5	65
3	Revealing the Selfâ€Degradation Mechanisms in Methylammonium Lead Iodide Perovskites in Dark and Vacuum. ChemPhysChem, 2018, 19, 1507-1513.	1.0	56
4	Shear-force-dominated dual-drive planetary ball milling for the scalable production of graphene and its electrocatalytic application with Pd nanostructures. RSC Advances, 2016, 6, 20067-20073.	1.7	47
5	Stabilization of cryptomelane Î±-MnO2 nanowires tunnels widths for enhanced electrochemical energy storage. Electrochimica Acta, 2018, 283, 1679-1688.	2.6	31
6	Inhibition of Redox Behaviors in Hierarchically Structured Manganese Cobalt Phosphate Supercapacitor Performance by Surface Trivalent Cations. ACS Omega, 2018, 3, 1718-1725.	1.6	30
7	Nickel self-doped iron oxide/manganese carbonate hierarchical 2D/3D structures for electrochemical energy storage. Electrochimica Acta, 2019, 297, 77-86.	2.6	20
8	Stacked Cu_{1.8}S nanoplatelets as counter electrode for quantum dot-sensitized solar cell. RSC Advances, 2015, 5, 100560-100567.	1.7	18
9	Open Atmosphere-Processed Stable Perovskite Solar Cells Using Molecular Engineered, Dopant-Free, Highly Hydrophobic Polymeric Hole-Transporting Materials: Influence of Thiophene and Alkyl Chain on Power Conversion Efficiency. Journal of Physical Chemistry C, 2019, 123, 8560-8568.	1.5	18
10	Open atmospheric processed perovskite solar cells using dopant-free, highly hydrophobic hole-transporting materials: Influence of thiophene and selenophene Ï€-spacers on charge transport and recombination properties. Solar Energy Materials and Solar Cells, 2019, 199, 66-74.	3.0	14