

Rajendra Kumar Gunasekaran

List of Publications by Year in descending order

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papers

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933264

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