

Premkumar Sellan

List of Publications by Year in descending order

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7
papers

174
citations

1478505

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h-index

1720034

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g-index

7
all docs

7
docs citations

7
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Quantum Dot Solid Sheets: Strong blue-light-emitting & photocurrent-producing band-gap-opened nanostructures. Scientific Reports, 2017, 7, 10850.	3.3	61
2	Highly Responsive Ultraviolet Sensor Based on ZnS Quantum Dot Solid with Enhanced Photocurrent. Scientific Reports, 2019, 9, 18704.	3.3	41
3	Stable Lead-Free Silver Bismuth Iodide Perovskite Quantum Dots for UV Photodetection. ACS Applied Nano Materials, 2020, 3, 9141-9150.	5.0	34
4	Aggregation induced emission behavior in oleylamine acetone system and its application to get improved photocurrent from In ₂ S ₃ quantum dots. Scientific Reports, 2020, 10, 19712.	3.3	11
5	Insight into the photophysics of strong dual emission (blue & green) producing graphene quantum dot clusters and their application towards selective and sensitive detection of trace level Fe ³⁺ and Cr ⁶⁺ ions. RSC Advances, 2020, 10, 26613-26630.	3.6	11
6	Interfacial Chemistry of Modified QD-Coupled CdTe Solid Nanowire and Its Hybrid with Graphene Quantum Dots for Enhanced Photocurrent Properties. ChemistrySelect, 2017, 2, 10771-10781.	1.5	9
7	Ag ₂ Bi ₅ Perovskite Quantum Dots Passivated with Oleylamine Sulfide for Solar Cells and Detection of Cu(II) Ions. ACS Applied Nano Materials, 2021, 4, 9895-9903.	5.0	7