

Venkadesh Kumar

List of Publications by Year in descending order

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11
papers

258
citations

1307594

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1281871

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all docs

11
docs citations

11
times ranked

274
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal free, sunlight and white light based photocatalysis using carbon quantum dots from Citrus grandis: A green way to remove pollution. Solar Energy, 2018, 169, 120-127.	6.1	104
2	Reduced Graphene Oxide/WO ₃ Nanorod Composites for Photocatalytic Degradation of Methylene Blue under Sunlight Irradiation. ACS Applied Nano Materials, 2021, 4, 5512-5521.	5.0	39
3	Optical and highly enhanced solar light-driven photocatalytic activity of reduced graphene oxide wrapped rGO/MoO_3 nanoplates. Solar Energy, 2019, 194, 1-10.	6.1	26
4	Charge transfer induced tunable bandgap and enhanced saturable absorption behavior in rGO/WO ₃ composites. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	24
5	Excited-State Electron and Energy Transfer Dynamics between 2D MoS ₂ and GO/RGO for Turn ON BSA/HSA Sensing. Journal of Physical Chemistry C, 2017, 121, 12585-12592.	3.1	20
6	Effect of reduced graphene oxide on the sunlight-driven photocatalytic activity of rGO/h-MoO ₃ nanocomposites. Journal Physics D: Applied Physics, 2021, 54, 155502.	2.8	11
7	Unravelling the synergistic effect of reduced graphene oxide on optical, phonon and optical power limiting properties of rGO/ rGO/MoO_3 nanohybrids. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	10
8	Quantum chemical analysis on supramolecular assemblies of guanidinium tetrafluoroborate (GFB) crystal structure: Emission and NLO behavior. Journal of Molecular Structure, 2019, 1198, 126859.	3.6	8
9	Strong violet emission and optical power limiting properties of reduced graphene oxide/MoO ₃ synergistic composites. Journal of Applied Physics, 2020, 127, .	2.5	8
10	Optical and strong blue emission properties of alumina abrasive grains mediated grinding induced SiO ₂ glass surfaces for navigation grade sensors. Optical Materials, 2021, 117, 111181.	3.6	4
11	Design and Synthesis of Triphenylamine Based Cyano Stilbenes for Picric Acid Sensing and Two Photon Absorption Applications. ChemistrySelect, 2021, 6, 12300-12308.	1.5	4