

Hari Krishna Sadhanala

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

514
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758635

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citing authors

#	ARTICLE	IF	CITATIONS
1	Boron and Nitrogen Co-doped Carbon Nanoparticles as Photoluminescent Probes for Selective and Sensitive Detection of Picric Acid. <i>Journal of Physical Chemistry C</i> , 2015, 119, 13138-13143.	1.5	100
2	Green synthesis of MoS ₂ nanoflowers for efficient degradation of methylene blue and crystal violet dyes under natural sun light conditions. <i>New Journal of Chemistry</i> , 2018, 42, 14318-14324.	1.4	65
3	Boron-doped carbon nanoparticles: Size-independent color tunability from red to blue and bioimaging applications. <i>Carbon</i> , 2016, 96, 166-173.	5.4	59
4	High quantum yield boron-doped carbon dots: a ratiometric fluorescent probe for highly selective and sensitive detection of Mg ²⁺ ions. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1632-1640.	2.7	47
5	Facile hydrothermal synthesis of carbon nanoparticles and possible application as white light phosphors and catalysts for the reduction of nitrophenol. <i>RSC Advances</i> , 2014, 4, 11481.	1.7	34
6	Nitrogen-assisted electroless assembling of 3D nanodendrites consisting of Pd and N-doped carbon nanoparticles as bifunctional catalysts. <i>Green Chemistry</i> , 2016, 18, 2115-2121.	4.6	28
7	Sonication-Assisted Synthesis of Bimetallic Hg/Pd Alloy Nanoparticles for Catalytic Reduction of Nitrophenol and its Derivatives. <i>Ultrasonics Sonochemistry</i> , 2020, 60, 104804.	3.8	28
8	Temperature sensing using sulfur-doped carbon nanoparticles. <i>Carbon</i> , 2018, 133, 200-208.	5.4	27
9	Nickel-Rich Phosphide (Ni ₁₂ P ₅) Nanosheets Coupled with Oxidized Multiwalled Carbon Nanotubes for Oxygen Evolution. <i>ACS Applied Nano Materials</i> , 2020, 3, 10914-10921.	2.4	23
10	Ultrafine Ruthenium Oxide Nanoparticles Supported on Molybdenum Oxide Nanosheets as Highly Efficient Electrocatalyst for Hydrogen Evolution in Acidic Medium. <i>ChemCatChem</i> , 2019, 11, 1495-1502.	1.8	22
11	Understanding the ammonia sensing behavior of filter coffee powder derived N-doped carbon nanoparticles using the Freundlich-like isotherm. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8860-8865.	5.2	19
12	Rhenium Sulfide Incorporated in Molybdenum Sulfide Nanosheets for High-Performance Symmetric Supercapacitors with Enhanced Capacitance. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18570-18577.	4.0	18
13	Nitrogen-doped carbon dots as a highly selective and sensitive fluorescent probe for sensing Mg ²⁺ ions in aqueous solution, and their application in the detection and imaging of intracellular Mg ²⁺ ions. <i>Sensors and Actuators B: Chemical</i> , 2022, 366, 131958.	4.0	13
14	Sonochemically Prepared BSA Microspheres as Adsorbents for the Removal of Organic Pollutants from Water. <i>Langmuir</i> , 2021, 37, 9927-9938.	1.6	9
15	Thioacetamide-derived nitrogen and sulfur co-doped carbon nanoparticles used for label-free detection of copper(II) ions and bioimaging applications. <i>New Journal of Chemistry</i> , 2017, 41, 13742-13746.	1.4	8
16	Boosting Electrocatalytic Hydrogen Evolution of Nickel foam Supported Nickel Hydroxide by Ruthenium Doping. <i>ChemistrySelect</i> , 2020, 5, 9626-9634.	0.7	4
17	Synergy between Cobalt-Chromium-Layered Double Hydroxide Nanosheets and Oxidized Carbon Nanotubes for Electrocatalytic Oxygen Evolution. <i>ACS Applied Nano Materials</i> , 2022, 5, 4091-4101.	2.4	4
18	Understanding of nitrogen-doped carbon nanoparticles based solid phosphors for white light emitting diodes. <i>RSC Advances</i> , 2016, 6, 67751-67755.	1.7	3

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19	Co ₃ O ₄ CoP Core-Shell Nanoparticles with Enhanced Electrocatalytic Water Oxidation Performance. ACS Applied Nano Materials, 2022, 5, 9150-9158.	2.4	2
20	Boron-doped Carbon Dots with Surface Oxygen Functional Groups as a Highly Sensitive and Label-free Photoluminescence Probe for the Enhanced Detection of Mg ²⁺ Ions. ChemistrySelect, 2022, 7, .	0.7	1
21	Air stable iron/iron carbide magnetic nanoparticles embedded in amorphous carbon globules. AIP Conference Proceedings, 2015, , .	0.3	0
22	Fluorescence depolarization studies of heteroatom-doped CDs. , 2019, , .		0