

Siva Kumar-Krishnan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7024173/publications.pdf>

Version: 2024-02-01

20
papers

1,322
citations

623574

14
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

2403
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on graphene-based nanocomposites for electrochemical and fluorescent biosensors. RSC Advances, 2019, 9, 8778-8881.	1.7	546
2	Chitosan/silver nanocomposites: Synergistic antibacterial action of silver nanoparticles and silver ions. European Polymer Journal, 2015, 67, 242-251.	2.6	218
3	Surface functionalized halloysite nanotubes decorated with silver nanoparticles for enzyme immobilization and biosensing. Journal of Materials Chemistry B, 2016, 4, 2553-2560.	2.9	99
4	Pt Nanoparticles Supported on Mesoporous CeO ₂ Nanostructures Obtained through Green Approach for Efficient Catalytic Performance toward Ethanol Electro-oxidation. ACS Sustainable Chemistry and Engineering, 2017, 5, 11290-11299.	3.2	63
5	Chitosan-Covered Pd@Pt Core-Shell Nanocubes for Direct Electron Transfer in Electrochemical Enzymatic Glucose Biosensor. ACS Omega, 2017, 2, 1896-1904.	1.6	59
6	Controlled synthesis of Pt nanoparticle supported TiO ₂ nanorods as efficient and stable electrocatalysts for the oxygen reduction reaction. Journal of Materials Chemistry A, 2018, 6, 23435-23444.	5.2	55
7	Chitosan supported silver nanowires as a platform for direct electrochemistry and highly sensitive electrochemical glucose biosensing. RSC Advances, 2016, 6, 20102-20108.	1.7	44
8	Novel gigahertz frequency dielectric relaxations in chitosan films. Soft Matter, 2014, 10, 8673-8684.	1.2	42
9	A general seed-mediated approach to the synthesis of AgM (M = Au, Pt, and Pd) core-shell nanoplates and their SERS properties. RSC Advances, 2017, 7, 27170-27176.	1.7	35
10	Synthesis of gold nanoparticles supported on functionalized nanosilica using deep eutectic solvent for an electrochemical enzymatic glucose biosensor. Journal of Materials Chemistry B, 2017, 5, 7072-7081.	2.9	30
11	Deep Eutectic Solvent-Assisted Synthesis of Au Nanostars Supported on Graphene Oxide as an Efficient Substrate for SERS-Based Molecular Sensing. ACS Omega, 2020, 5, 1384-1393.	1.6	24
12	Seed-Mediated Growth of Ag@Au Nanodisks with Improved Chemical Stability and Surface-Enhanced Raman Scattering. ACS Omega, 2018, 3, 12600-12608.	1.6	22
13	Ni-Doped ZrO ₂ nanoparticles decorated MW-CNT nanocomposite for the highly sensitive electrochemical detection of 5-amino salicylic acid. Analyst, The, 2021, 146, 664-673.	1.7	20
14	Controlled Fabrication of Flower-Shaped Au-Cu Nanostructures Using a Deep Eutectic Solvent and Their Performance in Surface-Enhanced Raman Scattering-Based Molecular Sensing. ACS Omega, 2020, 5, 3699-3708.	1.6	19
15	<i>Piper longum</i> Extract-Mediated Green Synthesis of Porous Cu ₂ O:Mo Microspheres and Their Superior Performance as Active Anode Material in Lithium-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2020, 8, 14557-14567.	3.2	15
16	Structure and Properties of Chitosan-silver Nanoparticles Nanocomposites. Current Nanoscience, 2015, 11, 166-174.	0.7	9
17	Facile Seed-Mediated Growth of Ultrathin AuCu Shells on Pd Nanocubes and Their Enhanced Nitrophenol Degradation Reactions. Journal of Physical Chemistry C, 2021, 125, 13759-13769.	1.5	8
18	Re-evaluating the role of phosphinic acid (DINHOP) adsorption at the photoanode surface in the performance of dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2020, 22, 1756-1766.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Molybdenum-Doped Nickel Disulfide (NiS ₂ :Mo) Microspheres as an Active Anode Material for High-Performance Durable Lithium-Ion Batteries. ACS Applied Energy Materials, 2022, 5, 6734-6745.	2.5	5
20	Percolation Phenomena In Polymer Nanocomposites. Advanced Materials Letters, 2016, 7, 353-359.	0.3	4