

Suneel Kumar Srivastava

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2483117/publications.pdf>

Version: 2024-02-01

59
papers

3,191
citations

159525

30
h-index

155592

55
g-index

65
all docs

65
docs citations

65
times ranked

4420
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured anode materials for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2454-2484.	5.2	690
2	Recent advances on the removal of dyes from wastewater using various adsorbents: a critical review. <i>Materials Advances</i> , 2021, 2, 4497-4531.	2.6	421
3	Fe ₃ O ₄ @Carbon@Polyaniline Trilaminar Core-Shell Composites as Superior Microwave Absorber in Shielding of Electromagnetic Pollution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 10710-10721.	3.2	161
4	Nanostructured copper sulfides: synthesis, properties and applications. <i>CrystEngComm</i> , 2015, 17, 7801-7815.	1.3	148
5	Rubber-clay nanocomposite by solution blending. <i>Journal of Applied Polymer Science</i> , 2003, 87, 2216-2220.	1.3	124
6	Synergistic effect of three-dimensional multi-walled carbon nanotube-graphene nanofiller in enhancing the mechanical and thermal properties of high-performance silicone rubber. <i>Polymer International</i> , 2014, 63, 1219-1228.	1.6	107
7	Hollow Polyaniline Microsphere/Fe ₃ O ₄ Nanocomposite as an Effective Adsorbent for Removal of Arsenic from Water. <i>Scientific Reports</i> , 2020, 10, 4982.	1.6	75
8	Nanocarbon Reinforced Rubber Nanocomposites: Detailed Insights about Mechanical, Dynamical Mechanical Properties, Payne, and Mullin Effects. <i>Nanomaterials</i> , 2018, 8, 945.	1.9	72
9	Recent advancements in the electromagnetic interference shielding performance of nanostructured materials and their nanocomposites: a review. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7431-7496.	5.2	67
10	Morphology Evolution of Sb ₂ S ₃ under Hydrothermal Conditions: Flowerlike Structure to Nanorods. <i>Crystal Growth and Design</i> , 2008, 8, 2019-2023.	1.4	62
11	Polypyrrole Coating of Tartaric Acid-Assisted Synthesized Bi ₂ S ₃ Nanorods. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12260-12264.	1.5	56
12	Interconnected Copper Cobaltite Nanochains as Efficient Electrocatalysts for Water Oxidation in Alkaline Medium. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22378-22387.	4.0	56
13	Role of Enhanced Hydrogen Bonding of Selectively Reduced Graphite Oxide in Fabrication of Poly(vinyl alcohol) Nanocomposites in Water as EMI Shielding Material. <i>Journal of Physical Chemistry C</i> , 2016, 120, 17011-17023.	1.5	50
14	Reduced Graphene Oxide/Fe ₃ O ₄ /Polyaniline Ternary Composites as a Superior Microwave Absorber in the Shielding of Electromagnetic Pollution. <i>ACS Omega</i> , 2021, 6, 9164-9175.	1.6	49
15	Three-dimensional NiCo ₂ O ₄ /NiCo ₂ S ₄ hybrid nanostructure on Ni-foam as a high-performance supercapacitor electrode. <i>RSC Advances</i> , 2016, 6, 95760-95767.	1.7	46
16	Î-MnO ₂ Nanoflowers and Their Reduced Graphene Oxide Nanocomposites for Electromagnetic Interference Shielding. <i>ACS Applied Nano Materials</i> , 2020, 3, 11048-11059.	2.4	46
17	Mechanically and Thermally Enhanced Multiwalled Carbon Nanotube-Graphene Hybrid filled Thermoplastic Polyurethane Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 346-357.	1.7	45
18	Preparation and characterization of exfoliated layered double hydroxide/silicone rubber nanocomposites. <i>Journal of Applied Polymer Science</i> , 2011, 119, 343-351.	1.3	42

#	ARTICLE	IF	CITATIONS
19	Sulphur edge and vacancy assisted nitrogen-phosphorus co-doped exfoliated tungsten disulfide: a superior electrocatalyst for hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19712-19726.	5.2	40
20	Synergistic effect of carbon nanotubes and clay platelets in reinforcing properties of silicone rubber nanocomposites. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	39
21	Fabrication of functionalized graphene filled carboxylated nitrile rubber nanocomposites as flexible dielectric materials. <i>Materials Chemistry Frontiers</i> , 2017, 1, 780-788.	3.2	39
22	Ultrasound assisted synthesis of a polyaniline hollow microsphere/Ag core/shell structure for sensing and catalytic applications. <i>RSC Advances</i> , 2013, 3, 7808.	1.7	37
23	TiS ₂ -MWCNT hybrid as high performance anode in lithium-ion battery. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	36
24	Enhanced Supercapacitor Performance and Electromagnetic Interference Shielding Effectiveness of CuS Quantum Dots Grown on Reduced Graphene Oxide Sheets. <i>ACS Omega</i> , 2021, 6, 4582-4596.	1.6	36
25	Effect of bilayered stearate ion-modified Mg ₃ Al layered double hydroxide on the thermal and mechanical properties of silicone rubber nanocomposites. <i>Polymer International</i> , 2012, 61, 458-465.	1.6	35
26	SERS active Ag encapsulated Fe@SiO ₂ nanorods in electromagnetic wave absorption and crystal violet detection. <i>Environmental Research</i> , 2014, 135, 95-104.	3.7	35
27	<i>In situ</i> fabricated nickel vanadate/N-doped reduced graphene oxide hybrid as an advanced electrocatalyst in alkaline hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15054-15061.	5.2	35
28	Contrasting Role of Defect-Induced Carbon Nanotubes in Electromagnetic Interference Shielding. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19913-19920.	1.5	33
29	Morphology and properties of stearate-intercalated layered double hydroxide nanoplatelet-reinforced thermoplastic polyurethane. <i>Polymer International</i> , 2011, 60, 772-780.	1.6	32
30	Hollow Polyaniline Microsphere/MnO ₂ /Fe ₃ O ₄ Nanocomposites in Adsorptive Removal of Toxic Dyes from Contaminated Water. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 54324-54338.	4.0	32
31	Effect of Dodecyl Amine Functionalized Graphene on the Mechanical and Thermal Properties of Epoxy-Based Composites. <i>Polymer Engineering and Science</i> , 2016, 56, 1221-1228.	1.5	31
32	Ru-Doped CuO/MoS ₂ Nanostructures as Bifunctional Water-Splitting Electrocatalysts in Alkaline Media. <i>ACS Applied Nano Materials</i> , 2021, 4, 7675-7685.	2.4	29
33	N, Ru Codoped Pellet Drum Bundle-Like Sb ₂ S ₃ : An Efficient Hydrogen Evolution Reaction and Hydrogen Oxidation Reaction Electrocatalyst in Alkaline Medium. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7057-7070.	4.0	28
34	Montmorillonite-multiwalled carbon nanotube nanoarchitecture reinforced thermoplastic polyurethane. <i>Polymer Composites</i> , 2016, 37, 1775-1785.	2.3	27
35	Graphene nanocomposites of CdS and ZnS in effective water purification. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	26
36	Transition-Metal-Substituted Cobalt Carbonate Hydroxide Nanostructures as Electrocatalysts in Alkaline Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2020, 3, 7335-7344.	2.5	25

#	ARTICLE	IF	CITATIONS
37	Fabrication of N-Doped Reduced Graphite Oxide/MnCo ₂ O ₄ Nanocomposites for Enhanced Microwave Absorption Performance. <i>Langmuir</i> , 2021, 37, 2213-2226.	1.6	24
38	Assembly of layered double hydroxide on multi-walled carbon nanotubes as reinforcing hybrid nanofiller in thermoplastic polyurethane/nitrile butadiene rubber blends. <i>Polymer International</i> , 2016, 65, 93-101.	1.6	22
39	Polypyrrole-polyaniline copolymer coated green rice husk ash as an effective adsorbent for the removal of hexavalent chromium from contaminated water. <i>Materials Advances</i> , 2021, 2, 2431-2443.	2.6	22
40	EPDM/silicone blend layered silicate nanocomposite by solution intercalation method: Morphology and properties. <i>Polymer Composites</i> , 2014, 35, 1834-1841.	2.3	21
41	Superior supercapacitor performance of Bi ₂ S ₃ nanorod/reduced graphene oxide composites. <i>Dalton Transactions</i> , 2020, 49, 16993-17004.	1.6	20
42	Facile noncovalent assembly of MWCNT-LDH and CNF-LDH as reinforcing hybrid fillers in thermoplastic polyurethane/nitrile butadiene rubber blends. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	19
43	Tuning of Shells in Trilaminar Core@Shell Nanocomposites in Controlling Electromagnetic Interference through Switching of the Shielding Mechanism. <i>Langmuir</i> , 2020, 36, 4519-4531.	1.6	16
44	Structure-property relationship of polyurethane/modified magnesium aluminium layered double hydroxide nanocomposites. <i>International Journal of Plastics Technology</i> , 2011, 15, 61-68.	2.9	14
45	Green Synthesis of Carbon Dot Weak Gel from Pear Juice: Optical Properties and Sensing Application. <i>ChemistrySelect</i> , 2018, 3, 8444-8457.	0.7	14
46	Nanostructured ZrO ₂ /MWCNT Hybrid Materials: Fabrication, Characterization and Applications in Shielding of Electromagnetic Pollution. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 3367-3375.	0.9	12
47	Preparation and properties of in-situ polymerized polyurethane/stearate intercalated layer double hydroxide nanocomposites. <i>Polymer International</i> , 2013, 62, 728-735.	1.6	10
48	Hierarchical Assembly of Nanodimensional Silver-Silver Oxide Physical Gels Controlling Nosocomial Infections. <i>ACS Omega</i> , 2020, 5, 32617-32631.	1.6	9
49	Hierarchically hollow interconnected rings of nickel substituted cobalt carbonate hydroxide hydrate as promising oxygen evolution electrocatalyst. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 22430-22441.	3.8	8
50	Camphor Mediated Combustion and Sublimation: A Unique Approach in Articulation of Enhanced Defects in Pristine MWCNTs. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18214-18220.	1.5	7
51	Functionalized Graphene/Nickel/Polyaniline Ternary Nanocomposites: Fabrication and Application as Electromagnetic Wave Absorbers. <i>Langmuir</i> , 2021, 37, 7430-7441.	1.6	7
52	FABRICATION OF ELASTOMER BLENDS INVOLVING CORE (POLYSTYRENE)@SHELL (POLYANILINE) APPROACH, THEIR CHARACTERIZATION AND APPLICATIONS IN ELECTROMAGNETIC SHIELDING. <i>Rubber Chemistry and Technology</i> , 2018, 91, 97-119.	0.6	6
53	Ethylene-co-Vinyl Acetate/MWCNTs/Hectorite Elastomeric Nanocomposites: Characterization and Electrical Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4057-4064.	0.9	5
54	Magnesium Aluminium Layered Double Hydroxide Assisted Dispersion of Multiwalled Carbon Nanotubes for Enhanced Reinforcement of Ethylene-co-Vinyl Acetate Matrix. <i>Macromolecular Research</i> , 2018, 26, 868-871.	1.0	4

#	ARTICLE	IF	CITATIONS
55	Deposition of Tin Oxide Thin Films by Successive Ionic Layer Adsorption Reaction Method and Its Characterization. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2569-2575.	0.9	3
56	Electromagnetic Interference Shielding Effectiveness of Room Temperature Fabricated Manganese Dioxide/Carbon Dots Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 5542-5555.	0.9	3
57	Room-Temperature One-Step Synthesis of Silver/Reduced Graphene Oxide Nanocomposites as an Excellent Microwave Absorber. <i>Langmuir</i> , 2021, 37, 13409-13419.	1.6	3
58	Multiwalled Carbon Nanotubes/Hectorite Hybrid Reinforced Styrene Butadiene Rubber Nanocomposite: Preparation and Properties. <i>Polymer-Plastics Technology and Materials</i> , 2019, 58, 537-546.	0.6	2
59	Fabrication of High Dielectric Materials Through Selective Insertion of Functionalized Reduced Graphene Oxide on Hard Segment of Thermoplastic Polyurethane. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 5569-5582.	0.9	0