

Sajid Ali Ansari

List of Publications by Year in descending order

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161
papers

11,072
citations

23567

58
h-index

32842

100
g-index

166
all docs

166
docs citations

166
times ranked

12857
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese oxide as an effective electrode material for energy storage: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 283-309.	16.2	44
2	Ultrasonic assisted anchoring of Yb ₂ O ₃ nanorods on In ₂ S ₃ nanoflowers for norfloxacin degradation and Cr(VI) reduction in water: Kinetics and degradation pathway. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 634, 127969.	4.7	15
3	Dielectric Properties of Colossal-Dielectric-Constant Na _{1/2} La _{1/2} Cu ₃ Ti ₄ O ₁₂ Ceramics Prepared by Spark Plasma Sintering. <i>Molecules</i> , 2022, 27, 779.	3.8	11
4	Preparation and Characterization of Cu and Al Doped ZnO Thin Films for Solar Cell Applications. <i>Crystals</i> , 2022, 12, 128.	2.2	20
5	Development of Binder Free Interconnected 3D Flower of NiZn ₂ O ₄ as an Advanced Electrode Materials for Supercapacitor Applications. <i>Crystals</i> , 2022, 12, 14.	2.2	10
6	Concentration Dependent Improved Spectroscopic Characteristics and Near White Light Emission in Boro Phosphate Glasses Doped with Holmium. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2632.	2.5	8
7	Silver Nanoparticle Decorated on Reduced Graphene Oxide-Wrapped Manganese Oxide Nanorods as Electrode Materials for High-Performance Electrochemical Devices. <i>Crystals</i> , 2022, 12, 389.	2.2	13
8	One-Dimensional Nanoscale Si/Co Based on Layered Double Hydroxides towards Electrochemical Supercapacitor Electrodes. <i>Nanomaterials</i> , 2022, 12, 1404.	4.1	5
9	Dielectric Properties of Bi _{2/3} Cu ₃ Ti ₄ O ₁₂ Ceramics Prepared by Mechanical Ball Milling and Low Temperature Conventional Sintering. <i>Materials</i> , 2022, 15, 3173.	2.9	3
10	Wrinkle-Shaped Nickel Sulfide Grown on Three-Dimensional Nickel Foam: A Binder-Free Electrode Designed for High-Performance Electrochemical Supercapacitor Applications. <i>Crystals</i> , 2022, 12, 757.	2.2	7
11	Enhanced Li ⁺ Ionic Conduction and Relaxation Properties of Li _{5+2x} La ₃ Ta _{2-x} Ga _x O ₁₂ Garnets. <i>Crystals</i> , 2022, 12, 770.	2.2	1
12	Critical Aspects of Various Techniques for Synthesizing Metal Oxides and Fabricating Their Composite-Based Supercapacitor Electrodes: A Review. <i>Nanomaterials</i> , 2022, 12, 1873.	4.1	23
13	Fundamentals and recent progress of Sn-based electrode materials for supercapacitors: A comprehensive review. <i>Journal of Energy Storage</i> , 2022, 53, 105187.	8.1	41
14	One-pot flash combustion synthesis of Fe@NiO nanocomposites for supercapacitor applications. <i>Ceramics International</i> , 2021, 47, 9024-9033.	4.8	19
15	Mechanistic insights into defect chemistry and tailored photoluminescence and photocatalytic properties of aliovalent cation substituted Zn _{0.94} M _{0.06} Li _x O (M: Fe ³⁺), <i>TJ ETQq1 1 0.784314 rgBT /Overl</i>	3.3	10
16	Green and Phytogenic Fabrication of Co-Doped SnO ₂ Using Aqueous Leaf Extract of Tradescantia spathacea for Photoantioxidant and Photocatalytic Studies. <i>BioNanoScience</i> , 2021, 11, 120-135.	3.5	12
17	Sustainable Bio-Energy Production in Microbial Fuel Cell Using MnO ₂ Nanoparticle-Decorated Hollow Carbon Nanofibers as Active Cathode Materials. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2021, 16, 127-135.	0.5	5
18	Enhancement of the Supercapacitive Performance of Cobalt-tin-cyanate Layered Structures through Conversion from 2D Materials to 1D Nanofibers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4289.	2.5	3

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19	Effect of Washing on the Electrochemical Performance of a Three-Dimensional Current Collector for Energy Storage Applications. <i>Nanomaterials</i> , 2021, 11, 1596.	4.1	25
20	Directly grown of NiCo ₂ S ₄ nanoparticles on a conducting substrate towards the high-performance counter electrode in dye-sensitized solar cell: A combined theoretical and experimental study. <i>Solar Energy Materials and Solar Cells</i> , 2021, 225, 111064.	6.2	18
21	Fabrication of binary SnO ₂ /TiO ₂ nanocomposites under a sonication-assisted approach: Tuning of band-gap and water depollution applications under visible light irradiation. <i>Ceramics International</i> , 2021, 47, 15073-15081.	4.8	36
22	Graphitic carbon nitride based mixed-phase bismuth nanostructures: Tuned optical and structural properties with boosted photocatalytic performance for wastewater decontamination under visible-light irradiation. <i>NanoImpact</i> , 2021, 23, 100345.	4.5	8
23	Ag-modified SnO ₂ -graphitic-carbon nitride nanostructures for electrochemical sensor applications. <i>Ceramics International</i> , 2021, 47, 23578-23589.	4.8	36
24	Manganese dioxide coupled with hollow carbon nanofiber toward high-performance electrochemical supercapacitive electrode materials. <i>Journal of Science: Advanced Materials and Devices</i> , 2021, 6, 472-482.	3.1	5
25	Silver Nanoparticles Embedded on Reduced Graphene Oxide@Copper Oxide Nanocomposite for High Performance Supercapacitor Applications. <i>Materials</i> , 2021, 14, 5032.	2.9	14
26	Adsorption promoted visible-light-induced photocatalytic degradation of antibiotic tetracycline by tin oxide/cerium oxide nanocomposite. <i>Applied Surface Science</i> , 2021, 565, 150337.	6.1	62
27	Aerogel and its composites for sensing, adsorption, and photocatalysis. , 2021, , 125-144.		1
28	VO ₂ Nanostructures for Batteries and Supercapacitors: A Review. <i>Small</i> , 2021, 17, e2006651.	10.0	82
29	Simple fabrication and unprecedented visible light response of NiNb ₂ O ₆ /RGO heterojunctions for the degradation of emerging pollutants in water. <i>New Journal of Chemistry</i> , 2021, 45, 22697-22713.	2.8	7
30	Sulfur-doped-graphitic-carbon nitride (S-g-C ₃ N ₄) for low cost electrochemical sensing of hydrazine. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152522.	5.5	70
31	Effect of nitrogen doping on the catalytic activity of carbon nano-onions for the oxygen reduction reaction in microbial fuel cells. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 81, 269-277.	5.8	34
32	Effect of Co ²⁺ and Ni ²⁺ co-doping on SnO ₂ synthesized via phylogenetic method for photoantioxidant studies and photoconversion of 4-nitrophenol. <i>Materials Today Communications</i> , 2020, 25, 101677.	1.9	15
33	Hydrothermally derived three-dimensional porous hollow double-walled Mn ₂ O ₃ nanocubes as superior electrode materials for supercapacitor applications. <i>Electrochimica Acta</i> , 2020, 355, 136783.	5.2	27
34	Development of Ti/Ni Nanolayered Structures to Be a New Candidate for Energy Storage Applications. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6935.	2.5	11
35	Synthesis of Cu-Doped Mn ₃ O ₄ @Mn-Doped CuO Nanostructured Electrode Materials by a Solution Process for High-Performance Electrochemical Pseudocapacitors. <i>ACS Omega</i> , 2020, 5, 22356-22366.	3.5	39
36	Photoantioxidant studies of SnO ₂ nanoparticles fabricated using aqueous leaf extract of <i>Tradescantia spathacea</i> . <i>Solid State Sciences</i> , 2020, 105, 106279.	3.2	33

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37	Effect of Ni-doping on properties of the SnO ₂ synthesized using Tradescantia spathacea for photoantioxidant studies. <i>Materials Chemistry and Physics</i> , 2020, 252, 123293.	4.0	32
38	Electrochemical synthesis of titanium nitride nanoparticles onto titanium foil for electrochemical supercapacitors with ultrafast charge/discharge. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2480-2490.	4.9	34
39	Microbial fuel cell-assisted biogenic synthesis of gold nanoparticles and its application to energy production and hydrogen peroxide detection. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 1241-1250.	2.7	16
40	Na ₂ O-co-doped-graphitic-carbon nitride (Na ₂ O-g-C ₃ N ₄) for nonenzymatic electrochemical sensing of hydrogen peroxide. <i>Applied Surface Science</i> , 2020, 525, 146353.	6.1	45
41	A highly sensitive poly(chrysoidine G)@gold nanoparticle composite based nitrite sensor for food safety applications. <i>Analytical Methods</i> , 2020, 12, 5562-5571.	2.7	11
42	Adsorption modeling and mechanistic insight of hazardous chromium on para toluene sulfonic acid immobilized-polyaniline@CNTs nanocomposites. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 188-197.	5.2	33
43	Biofilm-Assisted Fabrication of Ag@SnO ₂ -g-C ₃ N ₄ Nanostructures for Visible Light-Induced Photocatalysis and Photoelectrochemical Performance. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20936-20948.	3.1	60
44	Enhanced activity of highly conformal and layered tin sulfide (SnS _x) prepared by atomic layer deposition (ALD) on 3D metal scaffold towards high performance supercapacitor electrode. <i>Scientific Reports</i> , 2019, 9, 10225.	3.3	62
45	Carbothermal process-derived porous N-doped carbon for flexible energy storage: Influence of carbon surface area and conductivity. <i>Chemical Engineering Journal</i> , 2019, 378, 122158.	12.7	19
46	Synergistically effective and highly visible light responsive SnO ₂ -g-C ₃ N ₄ nanostructures for improved photocatalytic and photoelectrochemical performance. <i>Applied Surface Science</i> , 2019, 495, 143432.	6.1	77
47	Low-Temperature Atomic Layer Deposition of Highly Conformal Tin Nitride Thin Films for Energy Storage Devices. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43608-43621.	8.0	47
48	Conducting poly(aniline blue)-gold nanoparticles composite modified fluorine-doped tin oxide electrode for sensitive and non-enzymatic electrochemical detection of glucose. <i>Journal of Electroanalytical Chemistry</i> , 2019, 850, 113394.	3.8	26
49	Self-assembled Cube-like Copper Oxide Derived from a Metal-Organic Framework as a High-Performance Electrochemical Supercapacitive Electrode Material. <i>Scientific Reports</i> , 2019, 9, 9140.	3.3	34
50	Surface Plasmon-Based Nanomaterials as Photocatalyst. <i>Environmental Chemistry for A Sustainable World</i> , 2019, , 173-187.	0.5	6
51	Solvothermal growth of 3D flower-like CoS@FTO as high-performance counter electrode for dye-sensitized solar cell. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 6929-6935.	2.2	11
52	Facile route to porous polyaniline@nanodiamond-graphene based nanohybrid structures for DC electrical conductivity retention and supercapacitor applications. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	13
53	Phytogenic Synthesis of Band Gap-Narrowed ZnO Nanoparticles Using the Bulb Extract of <i>Costus woodsonii</i> . <i>BioNanoScience</i> , 2019, 9, 334-344.	3.5	37
54	Photocatalytic inactivation of <i>Escherichia coli</i> under UV light irradiation using large surface area anatase TiO ₂ quantum dots. <i>Royal Society Open Science</i> , 2019, 6, 191444.	2.4	16

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55	Bio-synthesis of finely distributed Ag nanoparticle-decorated TiO ₂ nanorods for sunlight-induced photoelectrochemical water splitting. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 69, 48-56.	5.8	14
56	Feasibility of using hollow double walled Mn ₂ O ₃ nanocubes for hybrid Na-air battery. <i>Chemical Engineering Journal</i> , 2019, 360, 415-422.	12.7	31
57	Potentials of <i>Costus woodsonii</i> leaf extract in producing narrow band gap ZnO nanoparticles. <i>Materials Science in Semiconductor Processing</i> , 2019, 91, 194-200.	4.0	84
58	Edge-carboxylated graphene nanoplatelets as efficient electrode materials for electrochemical supercapacitors. <i>Carbon</i> , 2019, 142, 89-98.	10.3	49
59	Simple and sustainable route for large scale fabrication of few layered molybdenum disulfide sheets towards superior adsorption of the hazardous organic pollutant. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7792-7800.	2.2	13
60	Lithium ion storage ability, supercapacitor electrode performance, and photocatalytic performance of tungsten disulfide nanosheets. <i>New Journal of Chemistry</i> , 2018, 42, 5859-5867.	2.8	39
61	Ternary Composite of Polyaniline Graphene and TiO ₂ as a Bifunctional Catalyst to Enhance the Performance of Both the Bioanode and Cathode of a Microbial Fuel Cell. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 6705-6713.	3.7	40
62	Environmentally sustainable biogenic fabrication of AuNP decorated-graphitic g-C ₃ N ₄ nanostructures towards improved photoelectrochemical performances. <i>RSC Advances</i> , 2018, 8, 13898-13909.	3.6	50
63	Solid-state symmetrical supercapacitor based on hierarchical flower-like nickel sulfide with shape-controlled morphological evolution. <i>Electrochimica Acta</i> , 2018, 268, 82-93.	5.2	59
64	Microbial fuel cell assisted band gap narrowed TiO ₂ for visible light-induced photocatalytic activities and power generation. <i>Scientific Reports</i> , 2018, 8, 1723.	3.3	91
65	Facile Synthesis of SnS ₂ Nanostructures with Different Morphologies for High-Performance Supercapacitor Applications. <i>ACS Omega</i> , 2018, 3, 1581-1588.	3.5	125
66	Positively Charged Gold Nanoparticles for Hydrogen Peroxide Detection. <i>BioNanoScience</i> , 2018, 8, 537-543.	3.5	11
67	Electrochemically active biofilm-assisted biogenic synthesis of an Ag-decorated ZnO@C core-shell ternary plasmonic photocatalyst with enhanced visible-photocatalytic activity. <i>New Journal of Chemistry</i> , 2018, 42, 1995-2005.	2.8	27
68	Recent progress of metal-graphene nanostructures in photocatalysis. <i>Nanoscale</i> , 2018, 10, 9427-9440.	5.6	89
69	Mechanochemical synthesis of melamine doped TiO ₂ nanoparticles for dye sensitized solar cells application. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 9108-9116.	2.2	12
70	Fungi-assisted silver nanoparticle synthesis and their applications. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 1-20.	3.4	151
71	A metal-free and non-precious multifunctional 3D carbon foam for high-energy density supercapacitors and enhanced power generation in microbial fuel cells. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 60, 431-440.	5.8	27
72	A polyaniline@MoS ₂ -based organic-inorganic nanohybrid for the removal of Congo red: adsorption kinetic, thermodynamic and isotherm studies. <i>New Journal of Chemistry</i> , 2018, 42, 18802-18809.	2.8	42

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73	Nanostructured Cuprous-Oxide-Based Screen-Printed Electrode for Electrochemical Sensing of Picric Acid. <i>Journal of Electronic Materials</i> , 2018, 47, 7505-7513.	2.2	8
74	Environmentally Sustainable Fabrication of Ag@ <i>g</i> -C ₃ N ₄ Nanostructures and Their Multifunctional Efficacy as Antibacterial Agents and Photocatalysts. <i>ACS Applied Nano Materials</i> , 2018, 1, 2912-2922.	5.0	142
75	Effect of Gallium doping on CdS thin film properties and corresponding Cu(InGa)Se ₂ /CdS:Ga solar cell performance. <i>Thin Solid Films</i> , 2018, 660, 207-212.	1.8	21
76	Defected graphene nano-platelets for enhanced hydrophilic nature and visible light-induced photoelectrochemical performances. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 104, 233-242.	4.0	27
77	Anion selective pTSA doped polyaniline@graphene oxide-multiwalled carbon nanotube composite for Cr(VI) and Congo red adsorption. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 407-415.	9.4	159
78	Simple and Large Scale Construction of MoS ₂ -g-C ₃ N ₄ Heterostructures Using Mechanochemistry for High Performance Electrochemical Supercapacitor and Visible Light Photocatalytic Applications. <i>Scientific Reports</i> , 2017, 7, 43055.	3.3	157
79	Growth of three-dimensional flower-like SnS ₂ on g-C ₃ N ₄ sheets as an efficient visible-light photocatalyst, photoelectrode, and electrochemical supercapacitance material. <i>Sustainable Energy and Fuels</i> , 2017, 1, 510-519.	4.9	59
80	Mechanically exfoliated MoS ₂ sheet coupled with conductive polyaniline as a superior supercapacitor electrode material. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 276-282.	9.4	91
81	Three-dimensional SnS ₂ nanopetals for hybrid sodium-air batteries. <i>Electrochimica Acta</i> , 2017, 257, 328-334.	5.2	53
82	Facile and sustainable synthesis of carbon-doped ZnO nanostructures towards the superior visible light photocatalytic performance. <i>New Journal of Chemistry</i> , 2017, 41, 9314-9320.	2.8	102
83	Manganese dioxide nanorods intercalated reduced graphene oxide nanocomposite toward high performance electrochemical supercapacitive electrode materials. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 613-619.	9.4	34
84	Ce ³⁺ -ion, Surface Oxygen Vacancy, and Visible Light-induced Photocatalytic Dye Degradation and Photocapacitive Performance of CeO ₂ -Graphene Nanostructures. <i>Scientific Reports</i> , 2017, 7, 5928.	3.3	133
85	Electrosynthesis of a corn flake-like NiO nanostructure on nickel foam for polymer gel electrolyte-based high performance asymmetric supercapacitors. <i>New Journal of Chemistry</i> , 2017, 41, 10584-10591.	2.8	21
86	Intercalated reduced graphene oxide and its content effect on the supercapacitance performance of the three dimensional flower-like I ² -Ni(OH) ₂ architecture. <i>New Journal of Chemistry</i> , 2017, 41, 10467-10475.	2.8	20
87	Effect of polyaniline concentration on the photoconversion efficiency of nano-TiO ₂ based dye sensitized solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 3210-3216.	2.2	2
88	Simple and rapid synthesis of ternary polyaniline/titanium oxide/graphene by simultaneous TiO ₂ generation and aniline oxidation as hybrid materials for supercapacitor applications. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 57-68.	2.5	56
89	Metal-Free Carbon-Based Materials: Promising Electrocatalysts for Oxygen Reduction Reaction in Microbial Fuel Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 25.	4.1	67
90	Polyaniline-Functionalized TiO ₂ Nanoparticles as a Suitable Matrix for Hydroquinone Sensor. <i>Science of Advanced Materials</i> , 2017, 9, 2032-2038.	0.7	8

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91	Self-Assembled 3D Flower-Like Nickel Hydroxide Nanostructures and Their Supercapacitor Applications. <i>Scientific Reports</i> , 2016, 6, 27318.	3.3	127
92	Earth-abundant stable elemental semiconductor red phosphorus-based hybrids for environmental remediation and energy storage applications. <i>RSC Advances</i> , 2016, 6, 44616-44629.	3.6	56
93	CdS-graphene Nanocomposite for Efficient Visible-light-driven Photocatalytic and Photoelectrochemical Applications. <i>Journal of Colloid and Interface Science</i> , 2016, 482, 221-232.	9.4	140
94	Facile and single-step route towards ZnO@C core-shell nanoparticles as an oxygen vacancy induced visible light active photocatalyst using the thermal decomposition of Zn(an)2(NO3)2. <i>RSC Advances</i> , 2016, 6, 70644-70652.	3.6	13
95	Facile and Scale Up Synthesis of Red Phosphorus-Graphitic Carbon Nitride Heterostructures for Energy and Environment Applications. <i>Scientific Reports</i> , 2016, 6, 27713.	3.3	56
96	Facile route to a conducting ternary polyaniline@TiO ₂ /GN nanocomposite for environmentally benign applications: photocatalytic degradation of pollutants and biological activity. <i>RSC Advances</i> , 2016, 6, 111308-111317.	3.6	45
97	Electrochemically synthesized sulfur-doped graphene as a superior metal-free cathodic catalyst for oxygen reduction reaction in microbial fuel cells. <i>RSC Advances</i> , 2016, 6, 103446-103454.	3.6	31
98	Highly Visible Light Responsive, Narrow Band gap TiO ₂ Nanoparticles Modified by Elemental Red Phosphorus for Photocatalysis and Photoelectrochemical Applications. <i>Scientific Reports</i> , 2016, 6, 25405.	3.3	222
99	Enhanced electrochemical behavior and hydrophobicity of crystalline polyaniline@graphene nanocomposite synthesized at elevated temperature. <i>Composites Part B: Engineering</i> , 2016, 87, 281-290.	12.0	94
100	Metal free earth abundant elemental red phosphorus: a new class of visible light photocatalyst and photoelectrode materials. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 3921-3928.	2.8	74
101	Simultaneous sulfur doping and exfoliation of graphene from graphite using an electrochemical method for supercapacitor electrode materials. <i>Journal of Materials Chemistry A</i> , 2016, 4, 233-240.	10.3	151
102	Nitrogen-doped titanium dioxide (N-doped TiO ₂) for visible light photocatalysis. <i>New Journal of Chemistry</i> , 2016, 40, 3000-3009.	2.8	549
103	Fabrication of WO ₃ nanorods on graphene nanosheets for improved visible light-induced photocapacitive and photocatalytic performance. <i>RSC Advances</i> , 2016, 6, 20824-20833.	3.6	121
104	Three-dimensional, highly porous N-doped carbon foam as microorganism propitious, efficient anode for high performance microbial fuel cell. <i>RSC Advances</i> , 2016, 6, 25799-25807.	3.6	44
105	Fibrous polyaniline@manganese oxide nanocomposites as supercapacitor electrode materials and cathode catalysts for improved power production in microbial fuel cells. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9053-9060.	2.8	133
106	Route to High Surface Area, Mesoporosity of Polyaniline-Titanium Dioxide Nanocomposites via One Pot Synthesis for Energy Storage Applications. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 116-124.	3.7	70
107	Anchoring Mechanism of ZnO Nanoparticles on Graphitic Carbon Nanofiber Surfaces through a Modified Co-Precipitation Method to Improve Interfacial Contact and Photocatalytic Performance. <i>ChemPhysChem</i> , 2015, 16, 3214-3232.	2.1	37
108	Silver nanoparticles and defect-induced visible light photocatalytic and photoelectrochemical performance of Ag@m-TiO ₂ nanocomposite. <i>Solar Energy Materials and Solar Cells</i> , 2015, 141, 162-170.	6.2	126

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109	Improved electrode performance in microbial fuel cells and the enhanced visible light-induced photoelectrochemical behaviour of PtO @M-TiO ₂ nanocomposites. <i>Ceramics International</i> , 2015, 41, 9131-9139.	4.8	39
110	Electrical conductivity, optical property and ammonia sensing studies on HCl Doped Au@polyaniline nanocomposites. <i>Electronic Materials Letters</i> , 2015, 11, 1-6.	2.2	28
111	Visible light-induced enhanced photoelectrochemical and photocatalytic studies of gold decorated SnO ₂ nanostructures. <i>New Journal of Chemistry</i> , 2015, 39, 2758-2766.	2.8	101
112	Green synthesis, photocatalytic and photoelectrochemical performance of an Au@Graphene nanocomposite. <i>RSC Advances</i> , 2015, 5, 26897-26904.	3.6	80
113	Polythiophene nanocomposites for photodegradation applications: Past, present and future. <i>Journal of Saudi Chemical Society</i> , 2015, 19, 494-504.	5.2	91
114	DC electrical conductivity retention and electrical compensation of polyaniline by TiO ₂ at higher loading percentages in polyaniline@TiO ₂ nanocomposites. <i>Electronic Materials Letters</i> , 2015, 11, 559-564.	2.2	11
115	Eco-friendly, catalyst-free synthesis of highly pure carbon spheres using vegetable oils as a renewable source and their application as a template for ZnO and MgO hollow spheres. <i>RSC Advances</i> , 2015, 5, 57114-57121.	3.6	5
116	Facile strategy for the synthesis of non-covalently bonded and para-toluene sulfonic acid-functionalized fibrous polyaniline@graphene@PVC nanocomposite for the removal of Congo red. <i>New Journal of Chemistry</i> , 2015, 39, 7004-7011.	2.8	21
117	Simple route for the generation of differently functionalized PVC@graphene@polyaniline fiber bundles for the removal of Congo red from wastewater. <i>RSC Advances</i> , 2015, 5, 61486-61494.	3.6	38
118	Simple route for gram synthesis of less defective few layered graphene and its electrochemical performance. <i>RSC Advances</i> , 2015, 5, 44920-44927.	3.6	38
119	Gold nanoparticles-sensitized wide and narrow band gap TiO ₂ for visible light applications: a comparative study. <i>New Journal of Chemistry</i> , 2015, 39, 4708-4715.	2.8	90
120	Facile electrochemical assisted synthesis of ZnO/graphene nanosheets with enhanced photocatalytic activity. <i>RSC Advances</i> , 2015, 5, 97788-97797.	3.6	39
121	Biogenic synthesis of a Ag@graphene nanocomposite with efficient photocatalytic degradation, electrical conductivity and photoelectrochemical performance. <i>New Journal of Chemistry</i> , 2015, 39, 8121-8129.	2.8	130
122	Electrically conductive polyaniline sensitized defective-TiO ₂ for improved visible light photocatalytic and photoelectrochemical performance: a synergistic effect. <i>New Journal of Chemistry</i> , 2015, 39, 8381-8388.	2.8	42
123	Ammonia sensing and DC electrical conductivity studies of p-toluene sulfonic acid doped cetyltrimethylammonium bromide assisted V ₂ O ₅ @polyaniline composite nanofibers. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 22, 147-152.	5.8	23
124	Au@TiO ₂ nanocomposites for the catalytic degradation of methyl orange and methylene blue: An electron relay effect. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1584-1590.	5.8	234
125	Highly visible light active Ag@ZnO nanocomposites synthesized by gel-combustion route. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1602-1607.	5.8	104
126	Band gap engineering of CeO ₂ nanostructure using an electrochemically active biofilm for visible light applications. <i>RSC Advances</i> , 2014, 4, 16782-16791.	3.6	266

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127	pTSA doped conducting graphene/polyaniline nanocomposite fibers: Thermoelectric behavior and electrode analysis. <i>Chemical Engineering Journal</i> , 2014, 242, 155-161.	12.7	73
128	Escheriosome-mediated cytosolic delivery of PLK1-specific siRNA: potential in treatment of liver cancer in BALB/c mice. <i>Nanomedicine</i> , 2014, 9, 407-420.	3.3	14
129	Band gap engineered TiO ₂ nanoparticles for visible light induced photoelectrochemical and photocatalytic studies. <i>Journal of Materials Chemistry A</i> , 2014, 2, 637-644.	10.3	751
130	Ammonia vapor sensing and electrical properties of fibrous multi-walled carbon nanotube/polyaniline nanocomposites prepared in presence of cetyl-trimethylammonium bromide. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2010-2017.	5.8	41
131	Enhanced thermoelectric performance and ammonia sensing properties of sulfonated polyaniline/graphene thin films. <i>Materials Letters</i> , 2014, 114, 159-162.	2.6	46
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