

# Samira Bagheri

## List of Publications by Year in descending order

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129  
papers

6,197  
citations

81839

39  
h-index

74108

75  
g-index

135  
all docs

135  
docs citations

135  
times ranked

9380  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cerium(IV) oxide nanocomposites: Catalytic properties and industrial application. <i>Journal of Rare Earths</i> , 2021, 39, 129-139.	2.5	23
2	The impact of immersion time and thickness of TiO <sub>2</sub> photoanode on power conversion efficiency of dye-sensitized solar cells using graphene quantum dots as photosensitizer. <i>Optical Materials</i> , 2021, 122, 111720.	1.7	5
3	Increasing the Performance of Cathode Material in Alkaline (Li, Na and K) Ion Batteries: Synthesis and Characterization. <i>Russian Journal of Physical Chemistry B</i> , 2021, 15, S140-S148.	0.2	3
4	Nano-diamond based photocatalysis for solar hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 31538-31554.	3.8	15
5	Hybrid nanocomposite of functionalized multiwall carbon nanotube, nitrogen doped graphene and chitosan with electrodeposited copper for the detection of anticancer drug nilutamide in tablet and biological samples. <i>Materials Chemistry and Physics</i> , 2020, 253, 123393.	2.0	17
6	Carbon dot-based fluorometric optical sensors: an overview. <i>Reviews in Inorganic Chemistry</i> , 2019, 39, 179-197.	1.8	11
7	Hybrid nanocellulose/f-MWCNTs nanocomposite for the electrochemical sensing of diclofenac sodium in pharmaceutical drugs and biological fluids. <i>Electrochimica Acta</i> , 2019, 304, 323-333.	2.6	81
8	Enhancing the Tribological Behavior of Lubricating Oil by Adding TiO <sub>2</sub> , Graphene, and TiO <sub>2</sub> /Graphene Nanoparticles. <i>Tribology Transactions</i> , 2019, 62, 452-463.	1.1	26
9	Synthesis of SiO <sub>2</sub> Nanocrystals by Two Approaches and Their Application in Photocatalytic Degradation and Flame Retardant Polymeric Nanocomposite. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 378-389.	1.9	4
10	Photocatalytic Performance of H <sub>6</sub> P <sub>2</sub> W <sub>18</sub> O <sub>62</sub> /TiO <sub>2</sub> Nanocomposite Encapsulated into Beta Zeolite under UV Irradiation in the Degradation of Methyl Orange. <i>Photochemistry and Photobiology</i> , 2019, 95, 532-542.	1.3	8
11	Solar-Driven, Highly Stable Photocatalyst System for Mitigation of Organic Pollutants via Mixed Phase Titania. <i>Green Energy and Technology</i> , 2018, , 87-104.	0.4	0
12	Surface Modification of Titania/Gold Nanoparticles for Photocatalytic Applications. <i>Green Energy and Technology</i> , 2018, , 25-35.	0.4	0
13	Structure, mechanism, and performance evaluation of natural gas hydrate kinetic inhibitors. <i>Reviews in Inorganic Chemistry</i> , 2018, 38, 1-19.	1.8	51
14	Novel rGO-T-C(n) Nanosheets developed via click chemistry as a lubricant anti-wear additive. <i>Scientific Reports</i> , 2018, 8, 6221.	1.6	14
15	A facile, bio-based, novel approach for synthesis of covalently functionalized graphene nanoplatelet nano-coolants toward improved thermo-physical and heat transfer properties. <i>Journal of Colloid and Interface Science</i> , 2018, 509, 140-152.	5.0	90
16	Fabrication of green dye-sensitized solar cell based on ZnO nanoparticles as a photoanode and graphene quantum dots as a photo-sensitizer. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 318-324.	5.0	43
17	Polymers for catalysis in water purification. <i>Polymers for Advanced Technologies</i> , 2018, 29, 701-707.	1.6	6
18	Enhanced amperometric detection of paracetamol by immobilized cobalt ion on functionalized MWCNTs - Chitosan thin film. <i>Analytical Biochemistry</i> , 2018, 551, 29-36.	1.1	40

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19	Lithium Including Mixed Sodium Inside Graphene Oxide (GO) as Anodic Electrodes for ion Batteries. <i>Oriental Journal of Chemistry</i> , 2018, 34, 981-992.	0.1	1
20	Layered Catalyst Compositions for Photo-Treating of Industrial Effluents. <i>Green Energy and Technology</i> , 2018, , 105-116.	0.4	0
21	Enhanced Photocatalytic Activity by Using Modification Activated Carbon. <i>Green Energy and Technology</i> , 2018, , 1-23.	0.4	0
22	A novel, eco-friendly technique for covalent functionalization of graphene nanoplatelets and the potential of their nanofluids for heat transfer applications. <i>Chemical Physics Letters</i> , 2017, 675, 92-97.	1.2	68
23	Experimental Study on Heat Transfer and Thermo-Physical Properties of Covalently Functionalized Carbon Nanotubes Nanofluids in an Annular Heat Exchanger: A Green and Novel Synthesis. <i>Energy &amp; Fuels</i> , 2017, 31, 5635-5644.	2.5	29
24	Highly oil-dispersed functionalized reduced graphene oxide nanosheets as lube oil friction modifier. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2017, 222, 34-42.	1.7	45
25	Nanocellulose as a green and sustainable emerging material in energy applications: a review. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1583-1594.	1.6	48
26	Magnetically separable Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @TiO <sub>2</sub> nanostructures supported by neodymium(III): fabrication and enhanced photocatalytic activity for degradation of organic pollution. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 14271-14281.	1.1	33
27	Morphology-controlled synthesis, characterization and photocatalytic property of hierarchical flower-like Dy <sub>2</sub> Mo <sub>3</sub> O <sub>9</sub> nanostructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 10313-10320.	1.1	26
28	A bio-based, facile approach for the preparation of covalently functionalized carbon nanotubes aqueous suspensions and their potential as heat transfer fluids. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 115-123.	5.0	147
29	Progress on nanocrystalline cellulose biocomposites. <i>Reactive and Functional Polymers</i> , 2017, 112, 9-21.	2.0	51
30	Mixed-phase TiO <sub>2</sub> photocatalysis: correlation between phase composition and photodecomposition of water pollutants. <i>Reviews in Inorganic Chemistry</i> , 2017, 37, 11-28.	1.8	23
31	Nanocomposite of functionalized graphene and molybdenum disulfide as friction modifier additive for lubricant. <i>Journal of Molecular Liquids</i> , 2017, 244, 304-308.	2.3	41
32	Photocatalytic activities and photoinduced fusion of gold-modified titania nanoparticle. <i>Reviews in Inorganic Chemistry</i> , 2017, 37, 95-103.	1.8	5
33	Development of Frequency Based Taste Receptors Using Bioinspired Glucose Nanobiosensor. <i>Scientific Reports</i> , 2017, 7, 1623.	1.6	8
34	Immobilized copper ions on MWCNTS-Chitosan thin film: Enhanced amperometric sensor for electrochemical determination of diclofenac sodium in aqueous solution. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 19951-19960.	3.8	52
35	Carbon-Based Nanobiohybrid Thin Film for Amperometric Glucose Sensing. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2059-2063.	2.6	10
36	Study of environmentally friendly and facile functionalization of graphene nanoplatelet and its application in convective heat transfer. <i>Energy Conversion and Management</i> , 2017, 150, 26-36.	4.4	52

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37	Photocatalytic pathway toward degradation of environmental pharmaceutical pollutants: structure, kinetics and mechanism approach. <i>Catalysis Science and Technology</i> , 2017, 7, 4548-4569.	2.1	223
38	Facile synthesis and characterization of CdTiO <sub>3</sub> nanoparticles by Pechini sol-gel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 14965-14973.	1.1	53
39	Facile preparation of Nd <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> @ZrO <sub>2</sub> nanocomposites as an effective photocatalyst via a new route. <i>Journal of Energy Chemistry</i> , 2017, 26, 315-323.	7.1	75
40	Immobilization of glucose oxidase on 3D graphene thin film: Novel glucose bioanalytical sensing platform. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 1337-1343.	3.8	26
41	Enhancement of glucose oxide electron-transfer mechanism in glucose biosensor via optimum physical chemistry of functionalized carbon nanotubes. <i>Reviews in Chemical Engineering</i> , 2017, 33, 201-215.	2.3	7
42	Mo <sub>3</sub> VO <sub>x</sub> catalyst in biomass conversion: A review in structural evolution and reaction pathways. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 2116-2126.	3.8	9
43	Novel preparation of highly photocatalytically active copper chromite nanostructured material via a simple hydrothermal route. <i>PLoS ONE</i> , 2017, 12, e0158549.	1.1	79
44	Lube Oil Wear Reduction via Organic Tribofilms. <i>Lubricants</i> , 2017, 5, 30.	1.2	4
45	SrCr <sub>x</sub> Fe <sub>12-x</sub> O <sub>19</sub> nanoceramics as an effective catalyst for desulfurization of liquid fuels: Green sol-gel synthesis, characterization, magnetic and optical properties. <i>PLoS ONE</i> , 2017, 12, e0162891.	1.1	13
46	Electrocatalytic Activity of Immobilized Co(II) on Porous Graphene Aerogels. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 590-595.	0.8	4
47	Enhanced DSSCs efficiency via Cooperate co-absorbance (CdS QDs) and plasmonic core-shell nanoparticle (Ag@PVP). <i>Scientific Reports</i> , 2016, 6, 25227.	1.6	32
48	Correlation of Critical Parameters on Carbon Nanotubes Crystallinity in Chemical Vapor Deposition by Using Renewable Bioresource. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 8263-8268.	0.9	4
49	Modified iron oxide nanomaterials: Functionalization and application. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 416, 117-133.	1.0	85
50	Progress on synthesis, functionalisation and applications of graphene nanoplatelets. <i>Materials Research Innovations</i> , 2016, 20, 365-374.	1.0	7
51	Tyrosine sensing on phthalic anhydride functionalized chitosan and carbon nanotube film coated glassy carbon electrode. <i>Russian Journal of Electrochemistry</i> , 2016, 52, 174-180.	0.3	10
52	Recent developments on titania nanoparticle as photocatalytic cancer cells treatment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 421-430.	1.7	31
53	Synthesis, characterization, and morphological control of ZnTiO <sub>3</sub> nanoparticles through sol-gel processes and its photocatalyst application. <i>Advanced Powder Technology</i> , 2016, 27, 2066-2075.	2.0	163
54	Synergistic effects on hydrogenated TiO <sub>2</sub> for photodegradation of synthetic compounds pollutants. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 14652-14664.	3.8	23

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55	Effect of hybridization on the value-added activated carbon materials. International Journal of Industrial Chemistry, 2016, 7, 249-264.	3.1	13
56	Hydrothermal preparation of silver telluride nanostructures and photo-catalytic investigation in degradation of toxic dyes. Scientific Reports, 2016, 6, 20060.	1.6	26
57	Novel chemical synthesis and characterization of copper pyrovanadate nanoparticles and its influence on the flame retardancy of polymeric nanocomposites. Scientific Reports, 2016, 6, 25231.	1.6	69
58	ZnCr <sub>2</sub> O <sub>4</sub> Nanoparticles: Facile Synthesis, Characterization and Photocatalytic Properties. Scientific Reports, 2016, 6, 20071.	1.6	41
59	Progress on nanoparticle-based carbon nanotube complex: fabrication and potential application. Reviews in Inorganic Chemistry, 2016, 36, .	1.8	1
60	Considering the effect of a ligand as new complexing agent in the characteristics of TiO <sub>2</sub> nanoparticles. Journal of Molecular Liquids, 2016, 215, 467-471.	2.3	9
61	Phosphorene: A new competitor for graphene. International Journal of Hydrogen Energy, 2016, 41, 4085-4095.	3.8	101
62	Synthesis and characterization of NiMoO <sub>4</sub> via ultrasonic route by a novel precursor. Journal of Materials Science: Materials in Electronics, 2016, 27, 3765-3772.	1.1	11
63	PROGRESS ON ANTIMICROBIAL SURGICAL GLOVES: A REVIEW. Rubber Chemistry and Technology, 2016, 89, 117-125.	0.6	4
64	Enhancing lubricant properties by nanoparticle additives. International Journal of Hydrogen Energy, 2016, 41, 3153-3170.	3.8	327
65	Developments in nano-additives for paper industry. Journal of Wood Science, 2016, 62, 117-130.	0.9	35
66	Progress on implantable biofuel cell: Nano-carbon functionalization for enzyme immobilization enhancement. Biosensors and Bioelectronics, 2016, 79, 850-860.	5.3	112
67	Magnesium oxide as a heterogeneous catalyst support. Reviews in Inorganic Chemistry, 2016, 36, 1-41.	1.8	56
68	Effect of Sulfur Source on Cadmium Sulfide Nanostructures Morphologies via Simple Hydrothermal Route. Journal of Cluster Science, 2016, 27, 351-360.	1.7	16
69	Computational local stiffness analysis of biological cell: High aspect ratio single wall carbon nanotube tip. Materials Science and Engineering C, 2016, 59, 636-642.	3.8	9
70	Sugar and Surfactant-Assisted Synthesis of Mg(OH) <sub>2</sub> Nano-flower and PVA Nanocomposites. Journal of Cluster Science, 2016, 27, 299-314.	1.7	11
71	Synthesis and Characterization of Nanosized Manganese Oxyhydroxide Compounds by Sonochemical Method. High Temperature Materials and Processes, 2016, 35, 493-498.	0.6	1
72	Sonochemical Synthesis of Spherical Silica Nanoparticles and Polymeric Nanocomposites. Journal of Cluster Science, 2016, 27, 39-53.	1.7	21

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73	Photocatalytic performance of activated carbon-supported mesoporous titanium dioxide. <i>Desalination and Water Treatment</i> , 2016, 57, 10859-10865.	1.0	22
74	Electrochemical Study of Graphene Electrodes and Helium-(h-BN) <sub>m</sub> (m = 1-3) Insulator. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 3352-3360.	0.4	0
75	Possible High Efficiency Platform for Biosensors Based on Optimum Physical Chemistry of Carbon Nanotubes. <i>Chemical Vapor Deposition</i> , 2015, 21, 263-266.	1.4	14
76	Functionalization of Graphene Oxide with 3-Mercaptopropyltrimethoxysilane and Its Electrocatalytic Activity in Aqueous Medium. <i>Journal of the Chinese Chemical Society</i> , 2015, 62, 689-694.	0.8	12
77	Symmetry Breaking of B <sub>2</sub> N(̂, 0, +): An Aspect of the Electric Potential and Atomic Charges. <i>Molecules</i> , 2015, 20, 21636-21657.	1.7	6
78	Functionalized Activated Carbon Derived from Biomass for Photocatalysis Applications Perspective. <i>International Journal of Photoenergy</i> , 2015, 2015, 1-30.	1.4	39
79	Vectorial Crystal Growth of Oriented Vertically Aligned Carbon Nanotubes Using Statistical Analysis. <i>Crystal Growth and Design</i> , 2015, 15, 3457-3463.	1.4	29
80	Photocatalytic degradation of methylene blue on TiO <sub>2</sub> @SiO <sub>2</sub> core/shell nanoparticles: synthesis and characterization. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6170-6177.	1.1	39
81	Statistical optimization of effective parameters on saturation magnetization of nanomagnetite particles. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 393, 30-35.	1.0	19
82	Progress on mesoporous titanium dioxide: Synthesis, modification and applications. <i>Microporous and Mesoporous Materials</i> , 2015, 218, 206-222.	2.2	125
83	Integration of biosensors based on microfluidic: a review. <i>Sensor Review</i> , 2015, 35, 190-199.	1.0	26
84	Glassy carbon electrodes modified with gelatin functionalized reduced graphene oxide nanosheet for determination of gallic acid. <i>Bulletin of Materials Science</i> , 2015, 38, 1711-1716.	0.8	12
85	Synthesis of Well-Crystalline Lattice Carbon Nanotubes via Neutralized Cooling Method. <i>Materials and Manufacturing Processes</i> , 2015, 30, 59-62.	2.7	27
86	Stable monodisperse nanomagnetic colloidal suspensions: An overview. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 133, 388-411.	2.5	81
87	Characterization of REBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> (RE=Gd, Ho) nanostructures, fabricated by a simple technique. <i>Physica C: Superconductivity and Its Applications</i> , 2015, 511, 20-25.	0.6	1
88	Synthesis and spectroscopic characterization of palladium-doped titanium dioxide catalyst. <i>Bulletin of Materials Science</i> , 2015, 38, 461-465.	0.8	9
89	Synthesis, characterization, and photovoltaic application of NiTiO <sub>3</sub> nanostructures via two-step sol-gel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 5735-5742.	1.1	52
90	Effects of synthetic explanatory variable on saturation magnetization of colloidal nanomagnetite slurry. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 16178-16183.	3.8	7

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91	Controlling Vaporization Time as Effective Parameter on Purified Vertically Aligned Carbon Nanotubes Based on CVD Method. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 1103-1107.	1.0	10
92	TiO <sub>2</sub> hybrid photocatalytic systems: impact of adsorption and photocatalytic performance. <i>Reviews in Inorganic Chemistry</i> , 2015, 35, 151-178.	1.8	24
93	In-situ precipitation of ultra-stable nano-magnetite slurry. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 379, 74-79.	1.0	35
94	Auto-combustion preparation and characterization of BaFe <sub>12</sub> O <sub>19</sub> nanostructures by using maleic acid as fuel. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 26, 167-172.	2.9	14
95	Graphene supported heterogeneous catalysts: An overview. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 948-979.	3.8	412
96	Stable Plasmonic-Improved dye Sensitized Solar Cells by Silver Nanoparticles Between Titanium Dioxide Layers. <i>Electrochimica Acta</i> , 2015, 152, 101-107.	2.6	55
97	Antibacterial effect of silver nanoparticles on talc composites. <i>Research on Chemical Intermediates</i> , 2015, 41, 251-263.	1.3	34
98	Controlled Synthesis of CoTiO <sub>3</sub> Nanostructures Via Two-Step Sol-Gel Method in the Presence of 1,3,5-Benzenetricarboxylic Acid. <i>Journal of Cluster Science</i> , 2015, 26, 1305-1318.	1.7	59
99	Catalytic conversion of biodiesel derived raw glycerol to value added products. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 41, 113-127.	8.2	293
100	Highly oriented vertically aligned carbon nanotubes via chemical vapour deposition for key potential application in CNT ropes. <i>Materials Research Innovations</i> , 2015, 19, 212-216.	1.0	20
101	Covalent Functionalization Schemes for Tailoring Solubility of Multi-Walled Carbon Nanotubes in Water and Acetone Solvents. <i>Science of Advanced Materials</i> , 2015, 7, 2726-2737.	0.1	24
102	Density Functional Theory and QM/MM Illustration of the Behavior of B <sub>2</sub> N <sub>2</sub> nano-cone: EPR & NMR Investigation. <i>Oriental Journal of Chemistry</i> , 2015, 31, 857-866.	0.1	1
103	QM/MM Study of Double Walled Zinc Oxide Nanotube (DWZnONTs) for Cylindrical Nano Capacitor Application. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 4862-4872.	0.4	1
104	Effects of Engineered Nanomaterials on Plants Growth: An Overview. <i>Scientific World Journal</i> , The, 2014, 2014, 1-28.	0.8	274
105	Titanium Dioxide as a Catalyst Support in Heterogeneous Catalysis. <i>Scientific World Journal</i> , The, 2014, 2014, 1-21.	0.8	262
106	Recent Advances in Heterogeneous Photocatalytic Decolorization of Synthetic Dyes. <i>Scientific World Journal</i> , The, 2014, 2014, 1-25.	0.8	255
107	Gel-assisted synthesis of anatase TiO <sub>2</sub> nanoparticles and application for electrochemical determination of L-tryptophan. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 947-952.	0.3	8
108	Biotemplated Synthesis of Anatase Titanium Dioxide Nanoparticles via Lignocellulosic Waste Material. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	76

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109	Synthesis of graphene oxide nanosheet: A novel glucose sensor based on nickel-graphene oxide composite film. Russian Journal of Electrochemistry, 2014, 50, 1044-1049.	0.3	9
110	Cobalt Doped Titanium Dioxide Nanoparticles: Synthesis, Characterization and Electrocatalytic Study. Journal of the Chinese Chemical Society, 2014, 61, 702-706.	0.8	25
111	Green Synthesis of Ag Nanoparticles by Callicarpa Maingayi: Characterization and Its Application with Graphene Oxide for Enzymeless Hydrogen Peroxide Detection. Journal of the Chinese Chemical Society, 2014, 61, 631-637.	0.8	7
112	Fast Synthesis of Multilayer Carbon Nanotubes from Camphor Oil as an Energy Storage Material. BioMed Research International, 2014, 2014, 1-6.	0.9	36
113	Preparation and electrochemical performance of graphene@Pt black nanocomposite for electrochemical methanol oxidation. Journal of Solid State Electrochemistry, 2014, 18, 893-898.	1.2	18
114	Magnetic and structural characteristics of HoBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> nanorods synthesized in the presence of an appropriate surfactant. Ceramics International, 2014, 40, 11109-11114.	2.3	6
115	Enhanced photoelectrochemical response of reduced-graphene oxide/Zn <sub>1-x</sub> Ag <sub>x</sub> O nanocomposite in visible-light region. International Journal of Hydrogen Energy, 2014, 39, 11027-11034.	3.8	32
116	Cadmium selenide@sulfide nanoparticle composites: Facile precipitation preparation, characterization, and investigation of their photocatalyst activity. Materials Science in Semiconductor Processing, 2014, 27, 261-266.	1.9	34
117	Gel-assisted synthesis of Ag nanoparticles: a novel hydrogen peroxide sensor based on Ag nanoparticles-carbon nanotube composite film. Russian Journal of Electrochemistry, 2014, 50, 1164-1169.	0.3	2
118	Progress in electrochemical synthesis of magnetic iron oxide nanoparticles. Journal of Magnetism and Magnetic Materials, 2014, 368, 207-229.	1.0	233
119	Novel precursors for synthesis of dendrite-like PbTe nanostructures and investigation of photoluminescence behavior. Advanced Powder Technology, 2014, 25, 1585-1592.	2.0	35
120	Synthesis of Tungsten Oxide Nanorods by the Controlling Precipitation Reaction: Application for Hydrogen Evolution Reaction on a WO <sub>3</sub> Nanorods/Carbon Nanotubes Composite Film Modified Electrode. Journal of the Chinese Chemical Society, 2013, 60, 447-451.	0.8	23
121	Synthesis of Pt doped TiO <sub>2</sub> nanoparticles: Characterization and application for electrocatalytic oxidation of L-methionine. Sensors and Actuators B: Chemical, 2013, 177, 898-903.	4.0	64
122	Global Reactivity of Heterostructure Armchair BC <sub>2</sub> N@(4,4) Nanotubes: A Density Functional Theory Investigation. Heteroatom Chemistry, 2013, 24, 168-173.	0.4	3
123	Synthesis and Characterization of Anatase Titanium Dioxide Nanoparticles Using Egg White Solution via Sol-Gel Method. Journal of Chemistry, 2013, 2013, 1-5.	0.9	180
124	Green Biosynthesis of Silver Nanoparticles Using Callicarpa maingayi Stem Bark Extraction. Molecules, 2012, 17, 8506-8517.	1.7	198
125	Preparation and characterization of Ni(II)/polyacrylonitrile and carbon nanotube composite modified electrode and application for carbohydrates electrocatalytic oxidation. Journal of Solid State Electrochemistry, 2012, 16, 3245-3251.	1.2	45
126	The porous chitosan@sodium dodecyl sulfate@carbon nanotube nanocomposite: direct electrochemistry and electrocatalysis of hemoglobin. Analytical Methods, 2012, 4, 2977.	1.3	20



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127	Electrochemistry and electrocatalysis of cobalt(ii) immobilized onto gel-assisted synthesized zinc oxide nanoparticleâ€“multi wall carbon nanotubeâ€“polycaprolactone composite film: application to determination of glucose. Analytical Methods, 2012, 4, 2423.	1.3	25
128	Fabrication of Chitosanâ€“Multiwall Carbon Nanotube Nanocomposite Containing Ferri/Ferrocyanide: Application for Simultaneous Detection of <i>D</i> â€“Penicillamine and Tryptophan. Journal of the Chinese Chemical Society, 2012, 59, 1461-1467.	0.8	30
129	Photocatalytic performance of activated carbon-supported mesoporous titanium dioxide. , 0, .		1