

# 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	Graphene supported heterogeneous catalysts: An overview. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 948-979.	3.8	412
2	Enhancing lubricant properties by nanoparticle additives. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 3153-3170.	3.8	327
3	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
4	Effects of Engineered Nanomaterials on Plants Growth: An Overview. <i>Scientific World Journal</i> , The, 2014, 2014, 1-28.	0.8	274
5	Titanium Dioxide as a Catalyst Support in Heterogeneous Catalysis. <i>Scientific World Journal</i> , The, 2014, 2014, 1-21.	0.8	262
6	Recent Advances in Heterogeneous Photocatalytic Decolorization of Synthetic Dyes. <i>Scientific World Journal</i> , The, 2014, 2014, 1-25.	0.8	255
7	Progress in electrochemical synthesis of magnetic iron oxide nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 368, 207-229.	1.0	233
8	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
9	Green Biosynthesis of Silver Nanoparticles Using <i>Callicarpa maingayi</i> Stem Bark Extraction. <i>Molecules</i> , 2012, 17, 8506-8517.	1.7	198
10	Synthesis and Characterization of Anatase Titanium Dioxide Nanoparticles Using Egg White Solution via Sol-Gel Method. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	0.9	180
11	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
12	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
13	Progress on mesoporous titanium dioxide: Synthesis, modification and applications. <i>Microporous and Mesoporous Materials</i> , 2015, 218, 206-222.	2.2	125
14	Progress on implantable biofuel cell: Nano-carbon functionalization for enzyme immobilization enhancement. <i>Biosensors and Bioelectronics</i> , 2016, 79, 850-860.	5.3	112
15	Phosphorene: A new competitor for graphene. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 4085-4095.	3.8	101
16	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
17	Modified iron oxide nanomaterials: Functionalization and application. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 416, 117-133.	1.0	85
18	Stable monodisperse nanomagnetic colloidal suspensions: An overview. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 133, 388-411.	2.5	81

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19	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
20	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
21	Biotemplated Synthesis of Anatase Titanium Dioxide Nanoparticles via Lignocellulosic Waste Material. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	76
22	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
23	Novel chemical synthesis and characterization of copper pyrovanadate nanoparticles and its influence on the flame retardancy of polymeric nanocomposites. <i>Scientific Reports</i> , 2016, 6, 25231.	1.6	69
24	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
25	Synthesis of Pt doped TiO <sub>2</sub> nanoparticles: Characterization and application for electrocatalytic oxidation of L-methionine. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 898-903.	4.0	64
26	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
27	Magnesium oxide as a heterogeneous catalyst support. <i>Reviews in Inorganic Chemistry</i> , 2016, 36, 1-41.	1.8	56
28	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
29	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
30	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
31	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
32	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
33	Progress on nanocrystalline cellulose biocomposites. <i>Reactive and Functional Polymers</i> , 2017, 112, 9-21.	2.0	51
34	Structure, mechanism, and performance evaluation of natural gas hydrate kinetic inhibitors. <i>Reviews in Inorganic Chemistry</i> , 2018, 38, 1-19.	1.8	51
35	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
36	Preparation and characterization of Ni(II)/polyacrylonitrile and carbon nanotube composite modified electrode and application for carbohydrates electrocatalytic oxidation. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3245-3251.	1.2	45

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37	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
38	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
39	ZnCr2O4 Nanoparticles: Facile Synthesis, Characterization and Photocatalytic Properties. <i>Scientific Reports</i> , 2016, 6, 20071.	1.6	41
40	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
41	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
42	Functionalized Activated Carbon Derived from Biomass for Photocatalysis Applications Perspective. <i>International Journal of Photoenergy</i> , 2015, 2015, 1-30.	1.4	39
43	Photocatalytic degradation of methylene blue on TiO2@SiO2 core/shell nanoparticles: synthesis and characterization. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6170-6177.	1.1	39
44	Fast Synthesis of Multilayer Carbon Nanotubes from Camphor Oil as an Energy Storage Material. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	36
45	Novel precursors for synthesis of dendrite-like PbTe nanostructures and investigation of photoluminescence behavior. <i>Advanced Powder Technology</i> , 2014, 25, 1585-1592.	2.0	35
46	In-situ precipitation of ultra-stable nano-magnetite slurry. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 379, 74-79.	1.0	35
47	Developments in nano-additives for paper industry. <i>Journal of Wood Science</i> , 2016, 62, 117-130.	0.9	35
48	Cadmium selenide@sulfide nanoparticle composites: Facile precipitation preparation, characterization, and investigation of their photocatalyst activity. <i>Materials Science in Semiconductor Processing</i> , 2014, 27, 261-266.	1.9	34
49	Antibacterial effect of silver nanoparticles on talc composites. <i>Research on Chemical Intermediates</i> , 2015, 41, 251-263.	1.3	34
50	Magnetically separable Fe3O4@SiO2@TiO2 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
51	Enhanced photoelectrochemical response of reduced-graphene oxide/Zn1xAgxO nanocomposite in visible-light region. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 11027-11034.	3.8	32
52	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
53	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
54	Fabrication of Chitosan@Multiwall Carbon Nanotube Nanocomposite Containing Ferri/Ferrocyanide: Application for Simultaneous Detection of D-Penicillamine and Tryptophan. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 1461-1467.	0.8	30

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55	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
56	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
57	Synthesis of Well-Crystalline Lattice Carbon Nanotubes via Neutralized Cooling Method. <i>Materials and Manufacturing Processes</i> , 2015, 30, 59-62.	2.7	27
58	Integration of biosensors based on microfluidic: a review. <i>Sensor Review</i> , 2015, 35, 190-199.	1.0	26
59	Hydrothermal preparation of silver telluride nanostructures and photo-catalytic investigation in degradation of toxic dyes. <i>Scientific Reports</i> , 2016, 6, 20060.	1.6	26
60	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
61	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
62	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
63	Electrochemistry and electrocatalysis of cobalt(ii) immobilized onto gel-assisted synthesized zinc oxide nanoparticle-multi wall carbon nanotube-polycaprolactone composite film: application to determination of glucose. <i>Analytical Methods</i> , 2012, 4, 2423.	1.3	25
64	Cobalt Doped Titanium Dioxide Nanoparticles: Synthesis, Characterization and Electrocatalytic Study. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 702-706.	0.8	25
65	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
66	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
67	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. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 447-451.	0.8	23
68	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
69	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
70	Cerium(IV) oxide nanocomposites: Catalytic properties and industrial application. <i>Journal of Rare Earths</i> , 2021, 39, 129-139.	2.5	23
71	Photocatalytic performance of activated carbon-supported mesoporous titanium dioxide. <i>Desalination and Water Treatment</i> , 2016, 57, 10859-10865.	1.0	22
72	Sonochemical Synthesis of Spherical Silica Nanoparticles and Polymeric Nanocomposites. <i>Journal of Cluster Science</i> , 2016, 27, 39-53.	1.7	21

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73	The porous chitosan-sodium dodecyl sulfate-carbon nanotube nanocomposite: direct electrochemistry and electrocatalysis of hemoglobin. <i>Analytical Methods</i> , 2012, 4, 2977.	1.3	20
74	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
75	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
76	Preparation and electrochemical performance of graphene-Pt black nanocomposite for electrochemical methanol oxidation. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 893-898.	1.2	18
77	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
78	Effect of Sulfur Source on Cadmium Sulfide Nanostructures Morphologies via Simple Hydrothermal Route. <i>Journal of Cluster Science</i> , 2016, 27, 351-360.	1.7	16
79	Nano-diamond based photocatalysis for solar hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 31538-31554.	3.8	15
80	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
81	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
82	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
83	Effect of hybridization on the value-added activated carbon materials. <i>International Journal of Industrial Chemistry</i> , 2016, 7, 249-264.	3.1	13
84	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
85	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
86	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
87	Synthesis and characterization of NiMoO <sub>4</sub> via ultrasonic route by a novel precursor. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 3765-3772.	1.1	11
88	Sugar and Surfactant-Assisted Synthesis of Mg(OH) <sub>2</sub> Nano-flower and PVA Nanocomposites. <i>Journal of Cluster Science</i> , 2016, 27, 299-314.	1.7	11
89	Carbon dot-based fluorometric optical sensors: an overview. <i>Reviews in Inorganic Chemistry</i> , 2019, 39, 179-197.	1.8	11
90	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

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91	Tyrosine sensing on phthalic anhydride functionalized chitosan and carbon nanotube film coated glassy carbon electrode. Russian Journal of Electrochemistry, 2016, 52, 174-180.	0.3	10
92	Carbon-Based Nanobiohybrid Thin Film for Amperometric Glucose Sensing. ACS Biomaterials Science and Engineering, 2017, 3, 2059-2063.	2.6	10
93	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
94	Synthesis and spectroscopic characterization of palladium-doped titanium dioxide catalyst. Bulletin of Materials Science, 2015, 38, 461-465.	0.8	9
95	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
96	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
97	Mo <sub>3</sub> VO <sub>x</sub> catalyst in biomass conversion: A review in structural evolution and reaction pathways. International Journal of Hydrogen Energy, 2017, 42, 2116-2126.	3.8	9
98	Gel-assisted synthesis of anatase TiO <sub>2</sub> nanoparticles and application for electrochemical determination of L-tryptophan. Russian Journal of Electrochemistry, 2014, 50, 947-952.	0.3	8
99	Development of Frequency Based Taste Receptors Using Bioinspired Glucose Nanobiosensor. Scientific Reports, 2017, 7, 1623.	1.6	8
100	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. Photochemistry and Photobiology, 2019, 95, 532-542.	1.3	8
101	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
102	Effects of synthetic explanatory variable on saturation magnetization of colloidal nanomagnetite slurry. International Journal of Hydrogen Energy, 2015, 40, 16178-16183.	3.8	7
103	Progress on synthesis, functionalisation and applications of graphene nanoplatelets. Materials Research Innovations, 2016, 20, 365-374.	1.0	7
104	Enhancement of glucose oxide electron-transfer mechanism in glucose biosensor via optimum physical chemistry of functionalized carbon nanotubes. Reviews in Chemical Engineering, 2017, 33, 201-215.	2.3	7
105	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
106	Symmetry Breaking of B <sub>2</sub> N(̂, 0, +): An Aspect of the Electric Potential and Atomic Charges. Molecules, 2015, 20, 21636-21657.	1.7	6
107	Polymers for catalysis in water purification. Polymers for Advanced Technologies, 2018, 29, 701-707.	1.6	6
108	Photocatalytic activities and photoinduced fusion of gold-modified titania nanoparticle. Reviews in Inorganic Chemistry, 2017, 37, 95-103.	1.8	5

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109	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
110	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
111	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
112	PROGRESS ON ANTIMICROBIAL SURGICAL GLOVES: A REVIEW. <i>Rubber Chemistry and Technology</i> , 2016, 89, 117-125.	0.6	4
113	Lube Oil Wear Reduction via Organic Tribofilms. <i>Lubricants</i> , 2017, 5, 30.	1.2	4
114	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
115	Global Reactivity of Heterostructure Armchair BC <sub>2</sub> Nanotubes: A Density Functional Theory Investigation. <i>Heteroatom Chemistry</i> , 2013, 24, 168-173.	0.4	3
116	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
117	Gel-assisted synthesis of Ag nanoparticles: a novel hydrogen peroxide sensor based on Ag nanoparticles-carbon nanotube composite film. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 1164-1169.	0.3	2
118	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
119	Progress on nanoparticle-based carbon nanotube complex: fabrication and potential application. <i>Reviews in Inorganic Chemistry</i> , 2016, 36, .	1.8	1
120	Synthesis and Characterization of Nanosized Manganese Oxyhydroxide Compounds by Sonochemical Method. <i>High Temperature Materials and Processes</i> , 2016, 35, 493-498.	0.6	1
121	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
122	Photocatalytic performance of activated carbon-supported mesoporous titanium dioxide. , 0, .		1
123	Density Functional Theory and QM/MM Illustration of the Behavior of B <sub>23</sub> N <sub>23</sub> nano-cone: EPR & NMR Investigation. <i>Oriental Journal of Chemistry</i> , 2015, 31, 857-866.	0.1	1
124	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
125	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
126	Surface Modification of Titania/Gold Nanoparticles for Photocatalytic Applications. <i>Green Energy and Technology</i> , 2018, , 25-35.	0.4	0



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127	Electrochemical Study of Graphene Electrodes and Helium-(h-BN) <sub>m</sub> (m = 1-3) Insulator. Journal of Computational and Theoretical Nanoscience, 2016, 13, 3352-3360.	0.4	0
128	Layered Catalyst Compositions for Photo-Treating of Industrial Effluents. Green Energy and Technology, 2018, , 105-116.	0.4	0
129	Enhanced Photocatalytic Activity by Using Modification Activated Carbon. Green Energy and Technology, 2018, , 1-23.	0.4	0