

Muhammad Naeem Ashiq

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

6,631
citations

66250

44
h-index

111975

67
g-index

211
all docs

211
docs citations

211
times ranked

4926
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of CuO/CuS/MnO ₂ ternary nanocomposite for visible light-induced photocatalytic degradation of methylene blue. <i>Nanotechnology for Environmental Engineering</i> , 2023, 8, 63-73.	2.0	18
2	Metal-organic framework derived CeO ₂ /C nanorod arrays directly grown on nickel foam as a highly efficient electrocatalyst for OER. <i>Fuel</i> , 2022, 307, 121823.	3.4	35
3	Electroanalytical techniques in biosciences: conductometry, coulometry, voltammetry, and electrochemical sensors. , 2022, , 157-178.		6
4	Fabrication of dual Z-scheme TiO ₂ -WO ₃ -CeO ₂ heterostructured nanocomposite with enhanced photocatalysis, antibacterial, and electrochemical performance. <i>Journal of Alloys and Compounds</i> , 2022, 898, 162779.	2.8	52
5	Enhanced photocatalytic, antibacterial, and electrochemical properties of CdO-based nanostructures by transition metals co-doping. <i>Advanced Powder Technology</i> , 2022, 33, 103451.	2.0	35
6	A Novel Electrochemical Sensing Platform for the Sensitive Detection and Degradation Monitoring of Methylene Blue. <i>Catalysts</i> , 2022, 12, 306.	1.6	19
7	Facile synthesis of rare earth metal dual-doped Pr ₂ O ₃ nanostructures: Enhanced electrochemical water-splitting and antimicrobial properties. <i>Ceramics International</i> , 2022, 48, 19150-19165.	2.3	23
8	Rationally designed FeOx@CuOx/FTO dendritic hybrid: A sustainable electrocatalyst for efficient oxygen evolution reaction. <i>Fuel</i> , 2022, 319, 123797.	3.4	16
9	Facile synthesis of novel PANI covered Y ₂ O ₃ @ZnO nanocomposite: A promising electrode material for supercapacitor. <i>Solid State Sciences</i> , 2022, 128, 106883.	1.5	12
10	CdSe supported SnO ₂ nanocomposite with strongly hydrophilic surface for enhanced overall water splitting. <i>Fuel</i> , 2022, 321, 124086.	3.4	47
11	Boosted electron-transfer/separation of SnO ₂ /CdSe/Bi ₂ S ₃ heterostructure for excellent photocatalytic degradation of organic dye pollutants under visible light. <i>Surfaces and Interfaces</i> , 2022, 31, 102012.	1.5	21
12	Sunlight activated S-scheme ZnO-CoTe binary photocatalyst for effective degradation of dye pollutants from wastewater. <i>Surfaces and Interfaces</i> , 2022, 31, 101991.	1.5	7
13	Single-step hydrothermal synthesis of amine functionalized Ce-MOF for electrochemical water splitting. <i>Journal of Taibah University for Science</i> , 2022, 16, 525-534.	1.1	1
14	Hydrothermal preparation of LaNdZr ₂ O ₇ @ SnSe nanocomposite for electrochemical supercapacitor and degradation of contaminants' applications. <i>Journal of Energy Storage</i> , 2022, 52, 104930.	3.9	10
15	Facile synthesis of nanosphere like rare-earth/transition metal dual-doped TiO ₂ nanostructure for application as supercapacitor electrodes material. <i>Journal of Materials Science</i> , 2022, 57, 11852-11870.	1.7	7
16	Novel lanthanum sulfide@decorated zirconia nanohybrid for enhanced electrochemical oxygen evolution reaction. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 2171-2182.	1.2	18
17	Synthesis, characterization, dielectric and magnetic properties of substituted Y-type hexaferrites. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 16183-16196.	1.1	6
18	Fabrication of substituted Y-type hexaferrites/carbon dots composites for recording media and photodegradation of dye. <i>Ceramics International</i> , 2022, 48, 27550-27559.	2.3	6

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19	Outstanding electrochemical behavior of reduced graphene oxide wrapped chromium sulfide nanoplates directly grown on nickel foam for supercapacitor applications. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 103, 704-712.	1.1	5
20	Superior electrochemical performance of neodymium oxide-based Nd ₂ CeMO ₃ (M=Er, Sm, V) nanostructures for supercapacitor application. <i>Journal of Electroanalytical Chemistry</i> , 2022, 920, 116614.	1.9	7
21	Synthesis, characterization and charge transport properties of Pr ³⁺ /Ni Co-doped SrFe ₂ O ₄ spinel for high frequency devices applications. <i>Ceramics International</i> , 2021, 47, 3760-3771.	2.3	36
22	Fabrication and corrosion inhibition behavior of hierarchical Al-Cr co-doped magnesium ferrites nanomaterial for steel. <i>Surface and Coatings Technology</i> , 2021, 405, 126687.	2.2	21
23	Surface-assembled Fe-Oxide colloidal nanoparticles for high performance electrocatalytic water oxidation. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 5207-5222.	3.8	14
24	Facile synthesis of novel carbon dots@metal organic framework composite for remarkable and highly sustained oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2021, 856, 158038.	2.8	34
25	Significantly improved electrochemical characteristics of nickel sulfide nanoplates using graphene oxide thin film for supercapacitor applications. <i>Journal of Energy Storage</i> , 2021, 33, 102091.	3.9	24
26	Fabrication of highly resistive La ³⁺ /Zn co-substituted spinel strontium nanoferrites for high frequency devices applications. <i>Materials Chemistry and Physics</i> , 2021, 259, 124031.	2.0	30
27	Electrochemical sensing platform for the simultaneous femtomolar detection of amlodipine and atorvastatin drugs. <i>RSC Advances</i> , 2021, 11, 27135-27151.	1.7	13
28	Design of Metals Sulfides with Carbon Materials for Supercapacitor Applications: A Review. <i>Energy Technology</i> , 2021, 9, 2000987.	1.8	40
29	Iron doped nickel ditelluride hierarchical nanoflakes arrays directly grown on nickel foam as robust electrodes for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2021, 371, 137830.	2.6	44
30	Copper telluride nanowires for high performance electrocatalytic water oxidation in alkaline media. <i>Journal of Power Sources</i> , 2021, 491, 229628.	4.0	23
31	Effect of yttrium ion on electrical and magnetic properties of barium based spinel ferrites. <i>Journal of Materials Research and Technology</i> , 2021, 12, 1104-1112.	2.6	24
32	A novel binder free high performance Y ₂ Zr ₂ O ₇ /MnS nanocomposite electrode for supercapacitor applications. <i>Journal of Energy Storage</i> , 2021, 37, 102505.	3.9	11
33	Simultaneous Femtomolar Detection of Paracetamol, Diclofenac, and Orphenadrine Using a Carbon Nanotube/Zinc Oxide Nanoparticle-Based Electrochemical Sensor. <i>ACS Applied Nano Materials</i> , 2021, 4, 4699-4712.	2.4	32
34	Visible-light-driven ZnO/ZnS/MnO ₂ ternary nanocomposite catalyst: synthesis, characterization and photocatalytic degradation of methylene blue. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 2361-2370.	1.6	35
35	Graphene oxide@metal oxide nanocomposites for on-target enrichment and analysis of phosphorylated biomolecules. <i>Journal of Separation Science</i> , 2021, 44, 3137-3145.	1.3	8
36	Facile synthesis and characterization of conducting polymer-metal oxide based core-shell PANI-Pr ₂ O ₃ @NiO@Co ₃ O ₄ nanocomposite: As electrode material for supercapacitor. <i>Ceramics International</i> , 2021, 47, 18497-18509.	2.3	60

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37	Kinetic study of the pyrolysis of polypropylene over natural clay. <i>Journal of Polymer Engineering</i> , 2021, 41, 646-653.	0.6	4
38	Development of excellent and novel flowery zirconia/cadmium sulfide nanohybrid electrode: For high performance electrochemical supercapacitor application. <i>Journal of Energy Storage</i> , 2021, 40, 102718.	3.9	38
39	Effective removal of methylene blue using nanoscale manganese oxide rods and spheres derived from different precursors of manganese. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 155, 110121.	1.9	19
40	Engineered Modular Design of a Nanoscale CoNP/Au_{nano} Hybrid Assembly for High-Performance Overall Water Splitting. <i>ACS Applied Energy Materials</i> , 2021, 4, 8953-8968.	2.5	16
41	Quantitative determination of creatinine from serum of prostate cancer patients by N-doped porous carbon antimony (Sb/NPC) nanoparticles. <i>Bioelectrochemistry</i> , 2021, 140, 107815.	2.4	13
42	Tin derived antimony/nitrogen-doped porous carbon (Sb/NPC) composite for electrochemical sensing of albumin from hepatocellular carcinoma patients. <i>Mikrochimica Acta</i> , 2021, 188, 338.	2.5	1
43	Selective electrochemical sensing of hemoglobin from blood of β^2 -thalassemia major patients by tellurium nanowires-graphene oxide modified electrode. <i>Chemical Engineering Journal</i> , 2021, 419, 129706.	6.6	13
44	Strategy to enhance the electrochemical characteristics of lanthanum sulfide nanorods for supercapacitor applications. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	10
45	Inductive effect in Mn-doped ZnO nanoribbon arrays grown on Ni foam: A promising key for boosted capacitive and high specific energy supercapacitors. <i>Ceramics International</i> , 2021, 47, 28338-28347.	2.3	27
46	Facile synthesis of Cr-Co co-doped CdO nanowires for photocatalytic, antimicrobial, and supercapacitor applications. <i>Journal of Alloys and Compounds</i> , 2021, 885, 160885.	2.8	42
47	Enhanced electrochemical properties of silver-coated zirconia nanoparticles for supercapacitor application. <i>Journal of Taibah University for Science</i> , 2021, 15, 10-16.	1.1	18
48	Fabrication of rGO/SrSeO₄ nanocomposite as an electrode material with enhanced specific power for supercapacitor applications. <i>Journal of Taibah University for Science</i> , 2021, 15, 357-366.	1.1	8
49	Facile Hydrothermal Synthesis of NiTe Nanorods for Non-Enzymatic Electrochemical Sensing of Whole Blood Hemoglobin in Pregnant Anemic Women. <i>Analytica Chimica Acta</i> , 2021, 1189, 339204.	2.6	8
50	Scalable Synthesis of Sm₂O₃/Fe₂O₃ Hierarchical Oxygen Vacancy-Based Gyroid-Inspired Morphology: With Enhanced Electrocatalytic Activity for Oxygen Evolution Performance. <i>Energy & Fuels</i> , 2021, 35, 17820-17832.	2.5	32
51	Fabrication of Ni@MOF-derived composite material for efficient electrocatalytic OER. <i>Journal of Taibah University for Science</i> , 2021, 15, 637-648.	1.1	12
52	Phenolic water toxins: redox mechanism and method of their detection in water and wastewater. <i>RSC Advances</i> , 2021, 11, 35783-35795.	1.7	5
53	Apo-H (beta-2-glycoprotein) intact N-glycan analysis by MALDI-TOF-MS using sialic acid derivatization. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 7441-7449.	1.9	2
54	The effect of silicon on cerium zirconates pyrochlores nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, .	1.1	2

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55	Iminodiacetic acid (IDA)-generated mesoporous nanopolymer: a template to relate surface area, hydrophilicity, and glycopeptides enrichment. <i>Mikrochimica Acta</i> , 2021, 188, 417.	2.5	2
56	Synergistic effect of reduced graphene oxide layers wrapped in polyaniline sheets to porous blades for boosted oxygen evolution reaction. <i>Journal of Taibah University for Science</i> , 2021, 15, 960-970.	1.1	7
57	Analytical sample preparation by electrospun solid phase microextraction sorbents. <i>Talanta</i> , 2020, 208, 120413.	2.9	29
58	Influence of Ce-Mn substitution on dielectric and magnetic properties of strontium based X-type hexaferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 497, 165943.	1.0	11
59	Enrichment of HDL proteome and phospholipidome from human serum via IMAC/MOAC affinity. <i>Biomedical Chromatography</i> , 2020, 34, e4693.	0.8	3
60	Detection of Copper Ions by a Simple, Greener and Cost Effective Sensor with GCE Modified with L-Tryptophan. <i>Journal of the Electrochemical Society</i> , 2020, 167, 027506.	1.3	8
61	Synthesis and characterization of newly synthesized neodymium zirconate zinc sulfide nanocomposite and its effect on selected aspects of albino mice behavior. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 717-725.	1.4	5
62	CoFe ₂ O ₄ decorated g-C ₃ N ₄ nanosheets: New insights into superoxide anion mediated photomineralization of methylene blue. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104556.	3.3	30
63	Ultrathin CoTe nanoflakes electrode demonstrating low overpotential for overall water splitting. <i>Fuel</i> , 2020, 280, 118666.	3.4	49
64	Tellurium doped zinc imidazole framework (Te@ZIF-8) for quantitative determination of hydrogen peroxide from serum of pancreatic cancer patients. <i>Scientific Reports</i> , 2020, 10, 21077.	1.6	13
65	Reactive oxygen species: New insights into photocatalytic pollutant degradation over g-C ₃ N ₄ /ZnSe nanocomposite. <i>Applied Surface Science</i> , 2020, 532, 147418.	3.1	44
66	Glycosylation heterogeneity and low abundant serum glycoproteins MS analysis by boronic acid immobilized Fe ₃ O ₄ @1,2-Epoxy-5-Hexene/DVB magnetic core shell nanoparticles. <i>Microchemical Journal</i> , 2020, 159, 105351.	2.3	5
67	Catalase immobilized antimonene quantum dots used as an electrochemical biosensor for quantitative determination of H ₂ O ₂ from CA-125 diagnosed ovarian cancer samples. <i>Materials Science and Engineering C</i> , 2020, 117, 111296.	3.8	35
68	Silver and yttrium-doped bismuth vanadate for photoluminescent activity and boosted visible light-induced photodegradation. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 21082-21096.	1.1	8
69	Exposure to variable doses of nickel oxide nanoparticles disturbs serum biochemical parameters and oxidative stress biomarkers from vital organs of albino mice in a sex-specific manner. <i>Biomarkers</i> , 2020, 25, 719-724.	0.9	8
70	Incorporation of CuO/TiO ₂ Nanocomposite into MOF-5 for Enhanced Oxygen Evolution Reaction (OER) and Photodegradation of Organic Dyes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 4043-4052.	1.9	13
71	Intraperitoneal injections of copper ferrite nanoparticles disturb blood, plasma, and antioxidant parameters of Wistar rats in a sex-specific manner. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 2019-2028.	1.4	4
72	Photomineralization of untreated wastewater by a novel LaCeZr ₂ O ₇ @SnSe nanocomposite as a visible light driven heterogeneous photocatalyst. <i>Solid State Sciences</i> , 2020, 106, 106305.	1.5	7

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73	ZnO-based mutable Ag ₂ S/Ag ₂ O multilayered architectures for organic dye degradation and inhibition of <i>E. coli</i> and <i>B. subtilis</i> . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 394, 112472.	2.0	31
74	Fabrication of transition-metal oxide and chalcogenide nanostructures with enhanced electrochemical performances. <i>Journal of Energy Storage</i> , 2020, 31, 101621.	3.9	32
75	Development of tribenzamide functionalized electrochemical sensor for femtomolar level sensing of multiple inorganic water pollutants. <i>Electrochimica Acta</i> , 2020, 353, 136569.	2.6	17
76	Sensitive and high recovery electrochemical sensing of resorcinol by Cd ²⁺ -glutathione complex-modified glassy carbon electrode. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-11.	1.8	9
77	Boronic acid functionalized fibrous cellulose for the selective enrichment of glycopeptides. <i>Journal of Separation Science</i> , 2020, 43, 1348-1355.	1.3	15
78	Synthesis, characterization, and biocompatibility of lanthanum titanate nanoparticles in albino mice in a sex-specific manner. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1089-1101.	1.4	4
79	Fabrication of iron modified screen printed carbon electrode for sensing of amino acids. <i>Polyhedron</i> , 2020, 180, 114426.	1.0	20
80	Synthesis, dielectric and magnetic properties of Mn-Ge substituted Co ₂ Y hexaferrites. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 407-416.	2.4	11
81	Effect of Dy-Co on physical and magnetic properties of X-type hexaferrites (Ba ₂ ˆDy Cu ₂ Fe ₂₈ ˆCo O ₄₆). <i>Chinese Journal of Physics</i> , 2019, 61, 47-54.	2.0	17
82	Highly Sensitive and Selective Detection of Arsenic Using Electrogenerated Nanotextured Gold Assemblage. <i>ACS Omega</i> , 2019, 4, 13645-13657.	1.6	71
83	Tactical modification of pseudo-SILAR process for enhanced quantum-dot deposition on TiO ₂ and ZnO nanoparticles for solar energy applications. <i>Materials Research Bulletin</i> , 2019, 120, 110588.	2.7	28
84	Impact of Gd and Cu substitution on dielectric and magnetic properties of MnFeO ₃ multiferroic materials. <i>Physica B: Condensed Matter</i> , 2019, 571, 199-203.	1.3	3
85	Selective and simultaneous detection of Zn ²⁺ , Cd ²⁺ , Pb ²⁺ , Cu ²⁺ , Hg ²⁺ and Sr ²⁺ using surfactant modified electrochemical sensors. <i>Electrochimica Acta</i> , 2019, 323, 134592.	2.6	51
86	Recent Progress on Adsorption Materials for Phosphate Removal. <i>Recent Patents on Nanotechnology</i> , 2019, 13, 3-16.	0.7	39
87	Nanoscale LaDySn ₂ O ₇ /SnSe Composite for VisibleˆLight Driven Photoreduction of CO ₂ to Methane and for Monoazo Dyes Photodegradation. <i>ChemistrySelect</i> , 2019, 4, 11511-11517.	0.7	6
88	Amino acid functionalized glassy carbon electrode for the simultaneous detection of thallium and mercuric ions. <i>Electrochimica Acta</i> , 2019, 321, 134658.	2.6	29
89	Study of electrical, dielectric and magnetic properties of Dy-Co bi-substituted strontium hexaferrite nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4658-4664.	1.1	9
90	ZnTe/ZnSe heterostructures: In-situ synthesis, characterization and photocatalytic activity for Congo Red degradation. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	13

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91	Facile Fabrication of Highly Efficient Photoelectrocatalysts $\text{MxOy@NH}_2\text{-MIL-125(Ti)}$ for Enhanced Hydrogen Evolution Reaction. <i>ChemistrySelect</i> , 2019, 4, 6996-7002.	0.7	11
92	Lanthanum Zirconate Nanoparticles, used in Blades of Gas Turbine Engines, Can Disturb Behavior, Leukocyte Count and Antioxidant Metabolites of Vital Organs of Albino Mice. <i>NeuroQuantology</i> , 2019, 17, .	0.1	1
93	Ethylene glycol-assisted fabrication and superb adsorption capacity of hierarchical porous flower-like magnesium oxide microspheres for phosphate. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1952-1961.	3.0	37
94	Gallic acid functionalized UiO-66 for the recovery of ribosylated metabolites from human urine samples. <i>Talanta</i> , 2019, 201, 23-32.	2.9	22
95	Facile synthesis of $\text{LaDySn}_2\text{O}_7$ SnSe nanocomposite with excellent photocatalytic Activity under visible light. <i>Materials Chemistry and Physics</i> , 2019, 229, 362-371.	2.0	7
96	Structural, magnetic and electrical study of rare earth doped Y- type hexaferrites. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 6708-6717.	1.1	9
97	Electrochemical Sensing of Ascorbic Acid, Hydrogen Peroxide and Glucose by Bimetallic (Fe, Ni) CNTs Composite Modified Electrode. <i>Electroanalysis</i> , 2019, 31, 851-857.	1.5	16
98	Pyrolysis of Expanded Waste Polystyrene: Influence of Nickel-Doped Copper Oxide on Kinetics, Thermodynamics, and Product Distribution. <i>Energy & Fuels</i> , 2019, 33, 12666-12678.	2.5	45
99	Magnetite nanoparticles coated with chitosan and polyethylenimine as anion exchanger for sorptive enrichment of phosphopeptides. <i>Mikrochimica Acta</i> , 2019, 186, 852.	2.5	8
100	Zinc-telluride nanospheres as an efficient water oxidation electrocatalyst displaying a low overpotential for oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26410-26420.	5.2	87
101	Synthesis, characterization and photocatalytic activity of $\text{LaNdZr}_2\text{O}_7$ supported SnSe nanocomposites for the degradation of Foron blue dye. <i>Applied Surface Science</i> , 2019, 463, 1019-1027.	3.1	24
102	Structural and magnetic studies of Ce-Mn doped M-type $\text{SrFe}_{12}\text{O}_{19}$ hexagonal ferrites by sol-gel auto-combustion method. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 473, 464-469.	1.0	43
103	Conjunction of macroporosity and NH_4F treatment for improved performance of TiO_2 photoanode in quantum-dot sensitized solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 1861-1869.	1.1	9
104	Structural and magnetic studies of Ce-Zn doped M-type $\text{SrFe}_{12}\text{O}_{19}$ hexagonal ferrite synthesized by sol-gel auto-combustion method. <i>Ceramics International</i> , 2019, 45, 462-467.	2.3	35
105	Excellent electrochemical performance of graphene oxide based strontium sulfide nanorods for supercapacitor applications. <i>Electrochimica Acta</i> , 2018, 273, 136-144.	2.6	70
106	Magnetic and dielectric properties of Nd^{2+} Mn substituted Co_2Y -hexaferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 460, 171-176.	1.0	7
107	Carbamazepine coated silver nanoparticles for the simultaneous electrochemical sensing of specific food toxins. <i>Electrochimica Acta</i> , 2018, 274, 131-142.	2.6	22
108	Synthesis and electrical behavior of Ni-Ti substituted Y-type hexaferrites for high frequency application. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 451, 787-792.	1.0	17

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109	Microemulsion-based synthesis of strontium hexaferrite cobalt iron oxide nanoparticles and their biocompatibility in albino mice. <i>Journal of Experimental Nanoscience</i> , 2018, 13, 199-211.	1.3	10
110	Carbon fiber paper@MgO films: in situ fabrication and high-performance removal capacity for phosphate anions. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34788-34792.	2.7	15
111	Congo red photomineralization over Co ₃ O ₄ /CoTe common cation nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 20271-20279.	1.1	5
112	Structural and magnetic properties of Cr doped strontium spinel ferrite SrFe ₂ O ₄ by sol-gel auto-combustion method. <i>Physica B: Condensed Matter</i> , 2018, 550, 90-95.	1.3	15
113	Oral supplementation of Lanthanum Zirconate nanoparticles moderately affected behavior but drastically disturbed leukocyte count, serum cholesterol levels and antioxidant parameters from vital organs of albino mice in a gender specific manner. <i>Metabolic Brain Disease</i> , 2018, 33, 1421-1429.	1.4	4
114	Excellent electrochemical behavior of graphene oxide based aluminum sulfide nanowalls for supercapacitor applications. <i>Energy</i> , 2018, 159, 151-159.	4.5	36
115	One-pot facile synthesis of the ZnO/ZnSe heterostructures for efficient photocatalytic degradation of azo dye. <i>Applied Surface Science</i> , 2018, 459, 194-200.	3.1	55
116	Preparation and characterization of doubly substituted microwave absorbing material by sol-gel technique for super high frequency applications. <i>Progress in Natural Science: Materials International</i> , 2018, 28, 478-482.	1.8	9
117	Hydrazide-functionalized affinity on conventional support materials for glycopeptide enrichment. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3135-3143.	1.9	28
118	Multiferroics BiMn _{1-x} Al _x O ₃ nanoparticles: Synthesis, characterization and evaluation of various structural, physical, electrical and dielectric parameters. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 433, 71-75.	1.0	0
119	Structural, Electrical and Dielectric Properties of Li-Ni Ferrite@Polystyrene Thin Film Nano-Composites. <i>Journal of Electronic Materials</i> , 2017, 46, 5039-5045.	1.0	2
120	Study of structural, magnetic and microwave absorption properties of Dy-Mn substituted nanosized material in X-band frequency range. <i>Journal of Alloys and Compounds</i> , 2017, 715, 284-290.	2.8	21
121	Effect of Variable Doses of Zinc Oxide Nanoparticles on Male Albino Mice Behavior. <i>Neurochemical Research</i> , 2017, 42, 439-445.	1.6	13
122	Visible-light active tin selenide nanostructures: synthesis, characterization and photocatalytic activity. <i>New Journal of Chemistry</i> , 2017, 41, 14689-14695.	1.4	39
123	Magnetic and electrical properties of M-type nano-strontium hexaferrite prepared by sol-gel combustion method. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 444, 426-431.	1.0	44
124	Structural, morphological and magnetic properties of Eu-doped CoFe ₂ O ₄ nano-ferrites. <i>Results in Physics</i> , 2017, 7, 3203-3208.	2.0	77
125	Improved electrical, magnetic and dielectric properties of polypyrrol (PPy) substituted spinel ferrite composites. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 93, 313-317.	1.3	12
126	Elucidation of structure and conduction mechanism in Nd-Mn substituted Y-type strontium hexaferrites. <i>Journal of Alloys and Compounds</i> , 2017, 723, 9-16.	2.8	22

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127	High Specific Capacitance and Energy density of Synthesized Graphene Oxide based Hierarchical Al ₂ S ₃ Nanorambutan for Supercapacitor Applications. <i>Electrochimica Acta</i> , 2017, 246, 1097-1103.	2.6	80
128	Magnetic and electric behavior of praseodymium substituted CuPryFe _{2-y} O ₄ ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 422, 337-343.	1.0	44
129	A Note on the Biocompatibility of Zinc Oxide Nanoparticles in Male Albino Mice. <i>Nanoscience and Nanotechnology Letters</i> , 2017, 9, 380-387.	0.4	5
130	Biocompatibility of cobalt iron oxide magnetic nanoparticles in male rabbits. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 2222-2227.	1.2	12
131	Effect of Nd ³⁺ and Cd ²⁺ ions co-substitution on the dielectric and electron transport properties of spinel strontium nanoferrites. <i>Ceramics International</i> , 2016, 42, 12763-12770.	2.3	27
132	Enhanced microwave absorption properties of CTAB assisted Pr ³⁺ /Cu substituted nanomaterial. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 414, 198-203.	1.0	11
133	Gadolinium oxide: Exclusive selectivity and sensitivity in the enrichment of phosphorylated biomolecules. <i>Journal of Separation Science</i> , 2016, 39, 4175-4182.	1.3	6
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