Mehdi Rahimi-Nasrabadi

List of Publications by Year
in descending order

239 papers	8,078 citations	38742 50 h-index	82547 72 g-index
246 all docs	246 docs citations	246 times ranked	5980 citing authors

#	Article	IF	Citations
1	Procedure optimization for green synthesis of silver nanoparticles by aqueous extract of Eucalyptus oleosa. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1249-1254.	3.9	184
2	Effect of nitrate content on thermal decomposition of nitrocellulose. Journal of Hazardous Materials, 2009, 162, 1141-1144.	12.4	183
3	Decoration of nitrogen-doped reduced graphene oxide with cobalt tungstate nanoparticles for use in high-performance supercapacitors. Applied Surface Science, 2017, 423, 1025-1034.	6.1	180
4	Nanocrystalline Ce-doped copper ferrite: synthesis, characterization, and its photocatalyst application. Journal of Materials Science: Materials in Electronics, 2016, 27, 11691-11697.	2.2	163
5	Supercritical fluid extraction of essential oils. TrAC - Trends in Analytical Chemistry, 2019, 118, 182-193.	11.4	143
6	ZnFe2â^'xLaxO4 nanostructure: synthesis, characterization, and its magnetic properties. Journal of Materials Science: Materials in Electronics, 2015, 26, 9776-9781.	2.2	135
7	Sonication method synergism with rare earth based nanocatalyst: preparation of NiFe 2â€“ x Eu x O 4 nanostructures and its catalytic applications for the synthesis of benzimidazoles, benzoxazoles, and benzothiazoles under ultrasonic irradiation. Journal of Rare Earths, 2017, 35, 374-381.	4.8	130
8	Facile chemical synthesis of cobalt tungstates nanoparticles as high performance supercapacitor. Journal of Materials Science: Materials in Electronics, 2016, 27, 4541-4550.	2.2	111
9	An electrochemical immunosensor based on poly p-phenylenediamine and graphene nanocomposite for detection of neuron-specific enolase via electrochemically amplified detection. Analytical Biochemistry, 2018, 548, 53-59.	2.4	105
10	Assessing the magnetic, cytotoxic and photocatalytic influence of incorporating Yb3+ or Pr3+ ions in cobaltâ€“nickel ferrite. Journal of Materials Science: Materials in Electronics, 2019, 30, 6902-6909.	2.2	93
11	Facile Chemical Synthesis and Characterization of Copper Tungstate Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 333-339.	3.7	88
12	Cobalt carbonate and cobalt oxide nanoparticles synthesis, characterization and supercapacitive evaluation. Journal of Materials Science: Materials in Electronics, 2017, 28, 1877-1888.	2.2	86
13	Chemical composition and antioxidant activities of the essential oil and methanol extracts of Psammogeton canescens. Food and Chemical Toxicology, 2010, 48, 24-28.	3.6	83
14	Synthesis, structure characterization and catalytic activity of nickel tungstate nanoparticles. Applied Surface Science, 2012, 263, 745-752.	6.1	83
15	Evaluation of supercapacitive behavior of samarium tungstate nanoparticles synthesized via sonochemical method. Journal of Materials Science: Materials in Electronics, 2017, 28, 8588-8595.	2.2	83
16	Synthesis and characterization of copper oxalate and copper oxide nanoparticles by statistically optimized controlled precipitation and calcination of precursor. CrystEngComm, 2013, 15, 4077.	2.6	82
17	Facile chemical synthesis and structure characterization of copper molybdate nanoparticles. Journal of Molecular Structure, 2015, 1083, 229-235.	3.6	82
18	Synthesis and characterization of MnWO4/TmVO4 ternary nano-hybrids by an ultrasonic method for enhanced photocatalytic activity in the degradation of organic dyes. Materials Letters, 2019, 238, 159-162.	2.6	80

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19	Synthesis and application of CoWO4 nanoparticles for degradation of methyl orange. Journal of Materials Science: Materials in Electronics, 2016, 27, 9514-9519.	2.2	79
20	Electrochemical immunosensor for the breast cancer marker CA 15â€“3 based on the catalytic activity of a CuS/reduced graphene oxide nanocomposite towards the electrooxidation of catechol. Mikrochimica Acta, 2018, 185, 79.	5.0	79
21	Ultrasound-assisted synthesis of YbVO4 nanostructure and YbVO4/CuWO4 nanocomposites for enhanced photocatalytic degradation of organic dyes under visible light. Ultrasonics Sonochemistry, 2018, 43, 120-135.	8.2	77
22	Green synthesis of silver nanoparticles usingEucalyptus leucoxylonleaves extract and evaluating the antioxidant activities of extract. Natural Product Research, 2014, 28, 1964-1969.	1.8	75
23	Electrochemical determination of diazepam in real samples based on fullerene-functionalized carbon nanotubes/ionic liquid nanocomposite. Sensors and Actuators B: Chemical, 2017, 240, 125-131.	7.8	74
24	A glassy carbon electrode modified with carbon nanoonions for electrochemical determination of fentanyl. Materials Science and Engineering C, 2020, 110, 110684.	7.3	74
25	Facile synthesis and characterization of TiO2â€“grapheneâ€“ZnFe2â^'x Tb x O4 ternary nano-hybrids. Journal of Materials Science, 2017, 52, 7008-7016.	3.7	73
26	An electrochemical sensor based on poly (l-Cysteine)@AuNPs @ reduced graphene oxide nanocomposite for determination of levofloxacin. Microchemical Journal, 2019, 147, 198-206.	4.5	73
27	Facile synthesis of zinc carbonate and zinc oxide nanoparticles via direct carbonation and thermal decomposition. Ceramics International, 2013, 39, 819-827.	4.8	72
28	Study binding of Alâ€“curcumin complex to ds-DNA, monitoring by multispectroscopic and voltammetric techniques. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 1466-1474.	3.9	71
29	Effect of Gd3+-, Pr3+- or Sm3+-substituted cobaltâ€“zinc ferrite on photodegradation of methyl orange and cytotoxicity tests. Journal of Rare Earths, 2019, 37, 1288-1295.	4.8	71
30	An Eu(III) Sensor Based on N,N-Diethyl-N-(4-hydroxy-6-methylpyridin-2-yl)guanidine. Analytical Sciences, 2004, 20, 1427-1431.	1.6	70
31	Electrochemical sensor based on modified methylcellulose by graphene oxide and Fe3O4 nanoparticles: Application in the analysis of uric acid content in urine. Journal of Electroanalytical Chemistry, 2020, 877, 114503.	3.8	70
32	Highly selective and sensitive copper membrane electrode based on a new synthesized Schiff base. Talanta, 2007, 73, 553-560.	5.5	68
33	Investigation of optical properties and the photocatalytic activity of synthesized YbYO4 nanoparticles and YbVO4/NiWO4 nanocomposites by polymeric capping agents. Journal of Molecular Structure, 2018, 1157, 607-615.	3.6	68
34	Electrosynthesis and characterization of zinc tungstate nanoparticles. Journal of Molecular Structure, 2013, 1047, 31-36.	3.6	67
35	Five-component domino synthesis of tetrahydropyridines using hexagonal PbCr x Fe12â^'x O19 as efficient magnetic nanocatalyst. Research on Chemical Intermediates, 2017, 43, 6155-6165.	2.7	67
36	Non-isothermal kinetic studies on thermal decomposition of energetic materials. Journal of Thermal Analysis and Calorimetry, 2012, 110, 857-863.	3.6	66

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37	A new electrochemical sensor for the detection of fentanyl lethal drug by a screen-printed carbon electrode modified with the open-ended channels of Zn(<scp>ii</scp>)-MOF. New Journal of Chemistry, 2020, 44, 9271-9277.	2.8	66
38	A noble electrochemical sensor based on TiO2@CuO-N-rGO and poly (L-cysteine) nanocomposite applicable for trace analysis of flunitrazepam. Materials Science and Engineering C, 2020, 117, 111300.	7.3	63
39	Synthesis and characterization of ZnFe2â^'xYbxO4â€“graphene nanocomposites by solâ€“gel method. Journal of Materials Science: Materials in Electronics, 2016, 27, 11940-11945.	2.2	62
40	Eco-friendly synthesis of PbTiO3 nanoparticles and PbTiO3/carbon quantum dots binary nano-hybrids for enhanced photocatalytic performance under visible light. Separation and Purification Technology, 2019, 211, 873-881.	7.9	62
41	Statistical optimization of experimental parameters for synthesis of manganese carbonate and manganese oxide nanoparticles. Materials Research Bulletin, 2012, 47, 1045-1050.	5.2	59
42	New method for synthesis of BaFe12O19/Sm2Ti2O7 and BaFe12O19/Sm2Ti2O7/Ag nano-hybrid and investigation of optical and photocatalytic properties. Journal of Materials Science: Materials in Electronics, 2019, 30, 5854-5865.	2.2	59
43	Computational approaches to design a molecular imprinted polymer for high selective extraction of 3,4-methylenedioxymethamphetamine from plasma. Journal of Chromatography A, 2011, 1218, 7739-7747.	3.7	57
44	Development of electrochemical sensor for sensitive determination of oxazepam based on silver-platinum coreâ€“shell nanoparticles supported on graphene. Journal of Electroanalytical Chemistry, 2018, 823, 61-66.	3.8	57
45	Introducing a novel nanocomposite consisting of nitrogen-doped carbon nano-onions and gold nanoparticles for the electrochemical sensor to measure acetaminophen. Journal of Electroanalytical Chemistry, 2020, 871, 114309.	3.8	57
46	Functionalized Zr-UiO-67 metal-organic frameworks: Structural landscape and application. Coordination Chemistry Reviews, 2021, 445, 214050.	18.8	57
47	Taguchi method assisted optimization of electrochemical synthesis and structural characterization of copper tungstate nanoparticles. International Journal of Refractory Metals and Hard Materials, 2015, 51, 29-34.	3.8	56
48	Influence of capping agents additives on morphology of CeVO4 nanoparticles and study of their photocatalytic properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 537-542.	2.2	54
49	Green Synthesis and Characterization of SmVO4 Nanoparticles in the Presence of Carbohydrates As Capping Agents with Investigation of Visible-Light Photocatalytic Properties. Journal of Electronic Materials, 2018, 47, 3757-3769.	2.2	54
50	Is it possible to use X12Y12 (Xâ€‰=â€‰Al, B, and Yâ€‰=â€‰N, P) nanocages for drug-delivery systems? A DFT study on the adsorption property of 4-aminopyridine drug. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	54
51	Simple synthesis and characterization of Li0.5Fe2.5O4, LiMg0.5Fe2O4 and LiNi0.5Fe2O4, and investigation of their photocatalytic and anticancer properties on hela cells line. Journal of Materials Science: Materials in Electronics, 2019, 30, 19691-19702.	2.2	54
52	A new electrochemical aptasensor based on gold/nitrogen-doped carbon nano-onions for the detection of Staphylococcus aureus. Electrochimica Acta, 2022, 403, 139633.	5.2	54
53	Determination of Essential Oil Components of Star Anise (Illicium verum) Using Simultaneous Hydrodistillationâ€“Static Headspace Liquid-Phase Microextractionâ€“Gas Chromatography Mass Spectrometry. Analytical Letters, 2009, 42, 1382-1397.	1.8	53
54	Silver nanofibers/ionic liquid nanocomposite based electrochemical sensor for detection of clonazepam via electrochemically amplified detection. Microchemical Journal, 2019, 145, 1185-1190.	4.5	53

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55	Simultaneous determination of carbazole-based explosives in environmental waters by dispersive liquidâ€"liquid microextraction coupled to HPLC with UV-Vis detection. Mikrochimica Acta, 2012, 177, 145-152.	5.0	52
56	Evaluation of photocatalytic and supercapacitor potential of nickel tungstate nanoparticles synthesized by electrochemical method. New Journal of Chemistry, 2018, 42, 19934-19944.	2.8	51
57	Automated extraction and preconcentration of multiresidue of pesticides on a micro-solid-phase extraction system based on polypyrrole as sorbent and off-line monitoring by gas chromatographyâ€"flame ionization detection. Journal of Chromatography A, 2008, 1193, 26-31.	3.7	50
58	Synthesis procedure optimization and characterization of europium (III) tungstate nanoparticles. Journal of Molecular Structure, 2014, 1074, 85-91.	3.6	50
59	Optimizing the procedure for the synthesis of nanoscale gadolinium(III) tungstate as efficient photocatalyst. Journal of Materials Science: Materials in Electronics, 2017, 28, 3780-3788.	2.2	50
60	Preparation of dysprosium carbonate and dysprosium oxide efficient photocatalyst nanoparticles through direct carbonation and precursor thermal decomposition. Journal of Materials Science: Materials in Electronics, 2017, 28, 3325-3336.	2.2	50
61	Sonochemical synthesis of terbium tungstate for developing high power supercapacitors with enhanced energy densities. Ultrasonics Sonochemistry, 2018, 45, 189-196.	8.2	50
62	Facile Synthesis Optimization and Structure Characterization of Zinc Tungstate Nanoparticles. Materials and Manufacturing Processes, 2015, 30, 34-40.	4.7	49
63	Novel route to synthesize nanocrystalline nickel titanate in the presence of amino acids as a capping agent. Journal of Materials Science: Materials in Electronics, 2016, 27, 11873-11878.	2.2	48
64	Fabrication of an electrochemical mesalazine sensor based on ZIF-67. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108140.	5.0	48
65	Taguchi robust design to optimize synthesis of lead oxalate nano-disks. Materials Science in Semiconductor Processing, 2013, 16, 131-137.	4.0	47
66	Applying the Taguchi Robust Design to Optimization of the Experimental Conditions for Synthesis of Lead Chromate Nanorods. Journal of Dispersion Science and Technology, 2012, 33, 254-257.	2.4	46
67	Statistically optimized synthesis of dyspersium tungstate nanoparticles as photocatalyst. Journal of Materials Science: Materials in Electronics, 2016, 27, 12860-12868.	2.2	46
68	Strontium molybdate nanostructures: synthesis of different shapes through a new approach and its photocatalyst application. Journal of Materials Science: Materials in Electronics, 2017, 28, 2200-2205.	2.2	46
69	Synergetic effect of graphene oxide and C3N4 as co-catalyst for enhanced photocatalytic performance of dyes on Yb2(MoO4)3/YbMoO4 nanocomposite. Ceramics International, 2019, 45, 17847-17858.	4.8	46
70	Eggshell bioactive membrane assisted synthesis of barium tungstate nanoparticles. Materials Letters, 2014, 121, 5-7.	2.6	44
71	Preparation, characterization and investigation of sonophotocatalytic activity of thulium titanate/polyaniline nanocomposites in degradation of dyes. Ultrasonics Sonochemistry, 2019, 50, 46-58.	8.2	44
72	Assessment of supercapacitive performance of europium tungstate nanoparticles prepared via hydrothermal method. Journal of Materials Science: Materials in Electronics, 2017, 28, 12391-12398.	2.2	43

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73	Specific fluorometric assay for direct determination of amikacin by molecularly imprinting polymer on high fluorescent g-C3N4 quantum dots. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 214, 451-458.	3.9	43
74	Synthesis Nd2TiO5 nanoparticles with different morphologies by novel approach and its photocatalyst application. Journal of Materials Science: Materials in Electronics, 2017, 28, 1531-1536.	2.2	41
75	Preparation of nanosized chromium carbonate and chromium oxide green pigment through direct carbonation and precursor thermal decomposition. Journal of Molecular Liquids, 2016, 216, 814-820.	4.9	40
76	Determination of the Optimal Conditions for Synthesis of Silver Oxalate Nanorods. Chemical Engineering and Technology, 2008, 31, 1532-1535.	1.5	39
77	Electrochemical determination of levodopa on a reduced graphene oxide paste electrode modified with a metal-organic framework. Microchemical Journal, 2020, 156, 104888.	4.5	39
78	Nano-architectural design of TiO2 for high performance photocatalytic degradation of organic pollutant: A review. Environmental Research, 2022, 212, 113347.	7.5	39
79	The experimental and theoretical QM/MM study of interaction of chloridazon herbicide with ds-DNA. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 1004-1012.	3.9	38
80	Electrosynthesis and Characterization of Copper Oxalate Nanoparticles. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 746-751.	0.6	37
81	Optimization of synthesis procedure and structure characterization of manganese tungstate nanoplates. Open Chemistry, 2013, 11, 1393-1401.	1.9	37
82	Synthesis, characterization and photocatalytic activity of neodymium carbonate and neodymium oxide nanoparticles. Journal of Molecular Structure, 2017, 1150, 411-418.	3.6	37
83	A nanocomposite prepared from reduced graphene oxide, gold nanoparticles and poly(2-amino-5-mercapto-1,3,4-thiadiazole) for use in an electrochemical sensor for doxorubicin. Mikrochimica Acta, 2019, 186, 641.	5.0	37
84	A nanocomposite consisting of reduced graphene oxide and electropolymerized Î²-cyclodextrin for voltammetric sensing of levofloxacin. Mikrochimica Acta, 2019, 186, 438.	5.0	37
85	Supercritical Fluid Technology in Analytical Chemistry - Review. Current Analytical Chemistry, 2013, 10, 3-28.	1.2	36
86	Electrochemical determination of the antipsychotic medication clozapine by a carbon paste electrode modified with a nanostructure prepared from titania nanoparticles and copper oxide. Mikrochimica Acta, 2019, 186, 698.	5.0	36
87	Synthesis of a New Octadentates Schiff's Base and Its Application in Construction of a Highly Selective and Sensitive Lanthanum (III) Membrane Sensor. Sensor Letters, 2006, 4, 356-363.	0.4	36
88	Simple morphology-controlled fabrication of CdTiO3 nanoparticles with the aid of different capping agents. Journal of Materials Science: Materials in Electronics, 2016, 27, 13294-13299.	2.2	35
89	Sonochemical synthesis of Ag2WO4/RGO-based nanocomposite as a potential material for supercapacitors electrodes. Ceramics International, 2021, 47, 14075-14086.	4.8	35
90	Statistical Optimization of Condition for Synthesis Lead Sulfide Nanoparticles. Materials and Manufacturing Processes, 2009, 24, 524-528.	4.7	34

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91	Application of Electrospun Polystyrene Nanofibers as Solid Phase Extraction Sorbent for the Preconcentration of Diazinon and Fenitrothion in Environmental Waters. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 208-214.	1.0	34
92	Detection of hydrogen peroxide and glucose by using Tb 2 (MoO 4) 3 nanoplates as peroxidase mimics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 186, 82-88.	3.9	34
93	Solâ€“gel preparation of metal and nonmetal-codoped TiO2â€“graphene nanophotocatalyst for photodegradation of MO under UV and visible-light irradiation. Ionics, 2019, 25, 1869-1878.	2.4	34
94	A Comparative Computational Investigation of Phosgene Adsorption on (XY)12 (Xâ€‰=â€‰Al, B and Yâ€‰=â€‰N, P) Nanoclusters: DFT Investigations. Journal of Cluster Science, 2019, 30, 203-218.	3.3	34
95	Highly efficient sunitinib release from pH-responsive mHPMC@Chitosan core-shell nanoparticles. Carbohydrate Polymers, 2021, 258, 117719.	10.2	34
96	Multispectroscopic and molecular modeling studies on the interaction of copper-ibuprofenate complex with bovine serum albumin (BSA). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 203, 510-521.	3.9	33
97	Synthesis of Magnetic Fe3O4/ZnWO4 and Fe3O4/ZnWO4/CeVO4 Nanoparticles: The Photocatalytic Effects on Organic Pollutants upon Irradiation with UV-Vis Light. Catalysts, 2020, 10, 494.	3.5	32
98	Sub-micro level monitoring of beryllium ions with a novel beryllium sensor based on 2,6-diphenyl-4-benzo-9-crown-3-pyridine. Talanta, 2004, 63, 899-906.	5.5	31
99	Fabrication, characterization and photochemical activity of ytterbium carbonate and ytterbium oxide nanoparticles. Journal of Materials Science: Materials in Electronics, 2017, 28, 9478-9488.	2.2	31
100	Preparation of Fe3O4/SiO2/TiO2/CeVO4 Nanocomposites: Investigation of Photocatalytic Effects on Organic Pollutants, Bacterial Environments, and New Potential Therapeutic Candidate Against Cancer Cells. Frontiers in Pharmacology, 2020, 11, 192.	3.5	31
101	Earlier diagnoses of acute leukemia by a sandwich type of electrochemical aptasensor based on copper sulfide-graphene composite. Analytica Chimica Acta, 2021, 1146, 1-10.	5.4	31
102	OPTIMIZATION OF PARAMETERS FOR THE SYNTHESIS OF SILVER IODATE SUBMICRON BELTS BY TAGUCHI ROBUST DESIGN METHOD. Chemical Engineering Communications, 2011, 198, 1182-1188.	2.6	30
103	Chemical Composition, Antioxidant, and Antibacterial Activities of the Essential Oil and Methanol Extracts ofEucalyptus largiflorensF. Muell. International Journal of Food Properties, 2013, 16, 369-381.	3.0	30
104	Conductometric study of complex formations between some substituted pyrimidines and some metal ions in acetonitrile and the determination of thermodynamic parameters. Journal of Molecular Liquids, 2009, 144, 97-101.	4.9	28
105	Linagliptin electrochemical sensor based on carbon nitride-Î²-cyclodextrin nanocomposite as a modifier. Journal of Electroanalytical Chemistry, 2020, 876, 114697.	3.8	28
106	Facile and Effective Synthesis of Praseodymium Tungstate Nanoparticles through an Optimized Procedure and Investigation of Photocatalytic Activity. Open Chemistry, 2017, 15, 129-138.	1.9	27
107	Preparation of Co2TiO4/CoTiO3/Polyaniline ternary nano-hybrids for enhanced destruction of agriculture poison and organic dyes under visible-light irradiation. Journal of Materials Science: Materials in Electronics, 2019, 30, 15854-15868.	2.2	27
108	CdTe quantum dots prepared using herbal species and microorganisms and their anti-cancer, drug delivery and antibacterial applications; a review. Ceramics International, 2020, 46, 9979-9989.	4.8	27

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109	Photocatalytic reduction of imatinib mesylate and imipenem on electrochemical synthesized Al2W3O12 nanoparticle: Optimization, investigation of electrocatalytic and antimicrobial activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124254.	4.7	27
110	Application of carbon nanoonion-NiMoO4-MnWO4 nanocomposite for modification of glassy carbon electrode: Electrochemical determination of ascorbic acid. Microchemical Journal, 2020, 159, 105470.	4.5	27
111	Synthesis of nano-structured lanthanum tungstates photocatalysts. Journal of Materials Science: Materials in Electronics, 2017, 28, 7600-7608.	2.2	26
112	Cur-loaded ZnFe2O4@mZnO@N-GQDs biocompatible nano-carriers for smart and controlled targeted drug delivery with pH-triggered and ultrasound irradiation. Journal of Molecular Liquids, 2021, 322, 114875.	4.9	26
113	Emulsification-based dispersive liquid microextraction and HPLC determination of carbazole-based explosives. Mikrochimica Acta, 2012, 179, 57-64.	5.0	25
114	A theoretical study of two novel Schiff bases as inhibitors of carbon steel corrosion in acidic medium. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	25
115	Heterojunction of N/B/RGO and g-C3N4 anchored magnetic ZnFe2O4@ZnO for promoting UV/Vis-induced photo-catalysis and in vitro toxicity studies. Environmental Science and Pollution Research, 2021, 28, 11430-11443.	5.3	25
116	The ZnFe₂O₄@mZnOâ€“N/RGO nano-composite as a carrier and an intelligent releaser drug with dual pH- and ultrasound-triggered control. New Journal of Chemistry, 2021, 45, 4280-4291.	2.8	25
117	The effect of anionic and cationic surfactants on indicators and measurement of dissociation constants with two different methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 67, 412-419.	3.9	24
118	A cyclic voltammetry investigation of the complex formation between Cu2+ and some Schiff bases in binary acetonitrile/dimethylformamide mixtures. Journal of Molecular Structure, 2008, 885, 76-81.	3.6	24
119	Samarium carbonate and samarium oxide; synthesis, characterization and evaluation of the photo-catalytic behavior. Journal of Materials Science: Materials in Electronics, 2017, 28, 5574-5583.	2.2	24
120	Different morphologies fabrication of NiAl2O4 nanostructures with the aid of new template and its photocatalyst application. Journal of Materials Science: Materials in Electronics, 2017, 28, 2415-2420.	2.2	24
121	Synthesis and characterization of Sm2(MoO4)3, Sm2(MoO4)3/GO and Sm2(MoO4)3/C3N4 nanostructures for improved photocatalytic performance and their anti-cancer the MCF-7 cells. Polyhedron, 2020, 180, 114424.	2.2	24
122	Determination of homocysteine using a dopamine-functionalized graphene composite. Microchemical Journal, 2021, 165, 106124.	4.5	24
123	Chemical composition of essential oil and inÂvitro antioxidant activities of the essential oil and methanol extracts of Eucalyptus loxophleba. Natural Product Research, 2012, 26, 669-674.	1.8	23
124	Proposed model for in vitro interaction between fenitrothion and DNA, by using competitive fluorescence, 31P NMR, 1H NMR, FT-IR, CD and molecular modeling. Toxicology in Vitro, 2013, 27, 641-650.	2.4	23
125	Thermal decomposition kinetics of electrospun azidodeoxy cellulose nitrate and polyurethane nanofibers. Journal of Thermal Analysis and Calorimetry, 2015, 119, 281-290.	3.6	23
126	Application of MnFe2O4 and AuNPs modified CPE as a sensitive flunitrazepam electrochemical sensor. Microchemical Journal, 2021, 161, 105745.	4.5	23

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127	Evaluation radioprotective effect of curcumin conjugated albumin nanoparticles. Bioorganic Chemistry, 2020, 100, 103891.	4.1	23
128	Determination of the chemical composition andin vitroantioxidant activities of essential oil and methanol extracts ofEchinophora platylobaDC. Natural Product Research, 2011, 25, 1585-1595.	1.8	22
129	Predicting adsorption of aromatic compounds by carbon nanotubes based on quantitative structure property relationship principles. Journal of Molecular Structure, 2015, 1099, 510-515.	3.6	22
130	A facile preparation of ZnFe2O4â€“CuO-N/B/RGO and ZnFe2O4â€“CuOâ€“C3N4 ternary heterojunction nanophotocatalyst: characterization, biocompatibility, photo-Fenton-like degradation of MO and magnetic properties. Journal of Materials Science: Materials in Electronics, 2021, 32, 5457-5472.	2.2	22
131	Cur-loaded magnetic ZnFe2O4@mZnO-Ox-p-g-C3N4 composites as dual pH- and ultrasound responsive nano-carriers for controlled and targeted cancer chemotherapy. Materials Chemistry and Physics, 2021, 271, 124863.	4.0	22
132	Extreme Biomimetics: Designing of the First Nanostructured 3D Sponginâ€“Atacamite Composite and its Application. Advanced Materials, 2021, 33, e2101682.	21.0	21
133	Determination of arsenic species using functionalized ionic liquid by in situ dispersive liquid-liquid microextraction followed by atomic absorption spectrometry. Food Chemistry, 2021, 349, 129115.	8.2	20
134	Synthesis and shaping of Zr-UiO-66 MOF applicable as efficient phosalone adsorbent in real samples. Polyhedron, 2022, 215, 115653.	2.2	20
135	Comparison of Essential Oil Composition ofEucalyptus OleosaObtained by Supercritical Carbon Dioxide and Hydrodistillation. Journal of Herbs, Spices and Medicinal Plants, 2012, 18, 318-330.	1.1	19
136	Chemical Composition, Antioxidant, and Antibacterial Activities of the Essential Oil and Methanol Extracts ofEucalyptus oleosaLeaves. International Journal of Food Properties, 2013, 16, 1080-1091.	3.0	19
137	Magnetic solid-phase extraction of Zineb by C18-functionalised paramagnetic nanoparticles and determination by first-derivative spectrophotometry. International Journal of Environmental Analytical Chemistry, 2014, 94, 1123-1138.	3.3	19
138	UV-vis spectrophotometric determination of trinitrotoluene (TNT) with trioctylmethylammonium chloride as ion pair assisted and disperser agent after dispersive liquidâ€“liquid microextraction. Forensic Science International, 2015, 251, 77-82.	2.2	19
139	Facile synthesis of silver nanoparticles usingTribulus longipetalusextract and their antioxidant and antibacterial activities. International Journal of Food Properties, 2017, 20, 922-930.	3.0	19
140	Synthesis and Supercapacitor Application of Cerium Tungstate Nanostructure. ChemistrySelect, 2019, 4, 2862-2867.	1.5	19
141	Fabrication of a new electrochemical sensor based on screen-printed carbon electrode/amine-functionalized graphene oxide-Cu nanoparticles for Rohypnol direct determination in drink sample. Journal of Electroanalytical Chemistry, 2021, 880, 114764.	3.8	19
142	Statistical optimization of synthesis procedure and characterization of europium (III) molybdate nano-plates. Applied Physics A: Materials Science and Processing, 2015, 119, 929-936.	2.3	18
143	Preparation of the extruded UiO-66-based Metal-Organic Framework for the diazinon removal from the real samples. Journal of Molecular Structure, 2021, 1240, 130607.	3.6	18
144	Emulsification based dispersive liquid microextraction prior to flame atomic absorption spectrometry for the sensitive determination of Cd(II) in water samples. Mikrochimica Acta, 2013, 180, 973-979.	5.0	17

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