

Mostafa M Amini

List of Publications by Year in descending order

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222
papers

6,672
citations

71102

41
h-index

91884

69
g-index

224
all docs

224
docs citations

224
times ranked

7637
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling and optimisation by response surface technique for adsorption of carbon dioxide by aminated biosilica/alginate composite: Experiments, characterisation and regeneration studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 3740-3761.	3.3	6
2	Investigation into the influencing factors and adsorption characteristics in the effective capture of carbon dioxide in flue gas by chitosan grafted Leca biocomposite. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 9186-9208.	3.3	18
3	Enhanced photocatalytic reduction of trichloroacetic acid using F-TiO ₂ in the presence of methanol: degradation kinetics and byproducts pathway. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 2461-2482.	3.3	4
4	Novel Gold Nanoparticles: Green Synthesis with <i>Eryngium thyrsoideum</i> Boiss Extract, Characterization, and In Vivo Investigations on Inflammatory Gene Expression and Biochemical Parameters in Type 2 Diabetic Rats. <i>Biological Trace Element Research</i> , 2022, 200, 2223-2232.	3.5	7
5	Application of amine-functionalized mesostructured cellular foam assisted electromembrane extraction for the determination of tramadol and methadone from urine samples. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3431-3440.	2.2	5
6	Hierarchical nickel-cobalt sulfide/niobium pentoxide decorated green carbon spheres toward efficient energy storage. <i>Sustainable Energy and Fuels</i> , 2022, 6, 3042-3055.	4.9	9
7	Doping metal-organic framework composites to antibacterial air filter development for quality control of indoor air. <i>Environmental Progress and Sustainable Energy</i> , 2022, 41, .	2.3	3
8	Cobalt vanadium chalcogenide microspheres decorated with dendrite-like fiber nanostructures for flexible wire-typed energy conversion and storage microdevices. <i>Nanoscale</i> , 2022, 14, 9150-9168.	5.6	13
9	Ruthenium/Ruthenium oxide hybrid nanoparticles anchored on hollow spherical Copper-Cobalt Nitride/Nitrogen doped carbon nanostructures to promote alkaline water splitting: Boosting catalytic performance via synergy between morphology engineering, electron transfer tuning and electronic behavior modulation. <i>Journal of Colloid and Interface Science</i> , 2022, 626, 1070-1084.	9.4	9
10	Biosynthesis of Novel Silver Nanoparticles Using <i>Eryngium thyrsoideum</i> Boiss Extract and Comparison of their Antidiabetic Activity with Chemical Synthesized Silver Nanoparticles in Diabetic Rats. <i>Biological Trace Element Research</i> , 2021, 199, 1967-1978.	3.5	17
11	Architecture of New Rare Earth Metal Complexes as Precursors for the Fabrication of a New Class of OLEDs with Blue Shift Fluorescence. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 456-462.	1.2	1
12	Vanadium Containing Metal-organic Frameworks as Highly Efficient Catalysts for the Oxidation of Refractory Aromatic Sulfur Compounds. <i>ChemCatChem</i> , 2021, 13, 293-303.	3.7	8
13	Hybrid supercapacitors constructed from double-shelled cobalt-zinc sulfide/copper oxide nanoarrays and ferrous sulfide/graphene oxide nanostructures. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 750-763.	9.4	52
14	Dual-electrocatalysis behavior of star-like zinc-cobalt-sulfide decorated with cobalt-molybdenum-phosphide in hydrogen and oxygen evolution reactions. <i>Nanoscale</i> , 2021, 13, 17576-17591.	5.6	24
15	In celebration of the 60th birthday of Christoph Janiak. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 414-414.	1.2	0
16	Beyond hierarchical mixed nickel-cobalt hydroxide and ferric oxide formation onto the green carbons for energy storage applications. <i>Journal of Colloid and Interface Science</i> , 2021, 593, 182-195.	9.4	21
17	A green, reusable and remarkable catalyst for selective aerobic oxidation of alcohols: Construction of Cu(BDC) on the surface of carboxymethyl cellulose fiber. <i>Materials Today Communications</i> , 2021, 28, 102502.	1.9	3
18	Ultrafast Two-Step Synthesis of S-Doped Fe/Ni (Oxy)Hydroxide/Ni Nanocone Arrays on Carbon Cloth and Stainless-Steel Substrates for Water-Splitting Applications. <i>ACS Applied Energy Materials</i> , 2021, 4, 10627-10638.	5.1	15

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19	Structural variations of trinitrato(terpyridine)lanthanoid complexes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 699-705.	0.7	0
20	Chemically functionalized MIL-101-NH ₂ with cobalt(II) tetrasulfophthalocyanine: an efficient catalyst for the aerobic oxidation of alcohols and one-pot tandem conversion of alcohols to propargylamines. Journal of the Taiwan Institute of Chemical Engineers, 2021, 126, 211-222.	5.3	10
21	Carboxymethyl cellulose/tetracycline@UiO-66 nanocomposite hydrogel films as a potential antibacterial wound dressing. International Journal of Biological Macromolecules, 2021, 188, 811-819.	7.5	40
22	Mesoporous nanostructures of NiCo-LDH/ZnCo ₂ O ₄ as an efficient electrocatalyst for oxygen evolution reaction. Journal of Colloid and Interface Science, 2021, 604, 832-843.	9.4	46
23	Direct fabrication of phosphorus-doped nickel sulfide and eco-friendly biomass-derived humic acid as efficient electrodes for energy storage applications. Sustainable Energy and Fuels, 2021, 5, 4869-4881.	4.9	11
24	Three-dimensional hybrid of iron-titanium mixed oxide/nitrogen-doped graphene on Ni foam as a superior electrocatalyst for oxygen evolution reaction. Journal of Colloid and Interface Science, 2020, 563, 241-251.	9.4	13
25	Fabrication of a sensitive and fast response electrochemical glucose sensing platform based on co-based metal-organic frameworks obtained from rapid in situ conversion of electrodeposited cobalt hydroxide intermediates. Talanta, 2020, 210, 120696.	5.5	60
26	Thiourea-functionalized MIL-101(Cr) metal-organic framework as a hydrogen-bond-donating heterogeneous organocatalyst for the Friedel-Crafts alkylation and Biginelli reactions. Catalysis Communications, 2020, 136, 105905.	3.3	20
27	Sensitive determination of ketamine, methylphenidate, and tramadol in urine and wastewater samples by Porous Aromatic Framework-48 assisted electromembrane extraction coupled with ion mobility spectrometer. International Journal for Ion Mobility Spectrometry, 2020, 23, 29-37.	1.4	9
28	Predicting the Cardiac Troponin I (cTnI) Aptamer/Methylene Blue Configuration Using Computational Modeling Studies: A Screening Search Method for Constructing Aptasensors. ChemistrySelect, 2020, 5, 10958-10969.	1.5	3
29	Facile synthesis of N-doped hollow carbon nanospheres wrapped with transition metal oxides nanostructures as non-precious catalysts for the electro-oxidation of hydrazine. Journal of Electroanalytical Chemistry, 2020, 873, 114437.	3.8	17
30	Introducing Bluish-Green Light-Emitting Diodes (OLEDs) and Tuning Their Color Intensity by Uranium Complexes: Synthesis, Characterization, and Photoluminescence Studies of 8-Hydroxyquinoline Complexes of Uranium. Inorganic Chemistry, 2020, 59, 17028-17037.	4.0	3
31	Synthesis of Defect-Engineered Homochiral Metal-Organic Frameworks Using <i>L</i> -Amino Acids: A Comprehensive Study of Chiral Catalyst Performance in CO ₂ Fixation Reaction. ChemistrySelect, 2020, 5, 10346-10354.	1.5	10
32	Fabrication of a 2.8 V high-performance aqueous flexible fiber-shaped asymmetric micro-supercapacitor based on MnO ₂ /PEDOT:PSS-reduced graphene oxide nanocomposite grown on carbon fiber electrode. Journal of Materials Chemistry A, 2020, 8, 19588-19602.	10.3	59
33	In Situ Two-Step Preparation of 3D NiCo-BTC MOFs on a Glassy Carbon Electrode and a Graphitic Screen Printed Electrode as Nonenzymatic Glucose-Sensing Platforms. ACS Sustainable Chemistry and Engineering, 2020, 8, 14340-14352.	6.7	73
34	Tin and copper species dispersed on a metal-organic framework as a new catalyst in aerobic Baeyer-Villiger oxidation: An insight into the mechanism. Catalysis Communications, 2020, 139, 105985.	3.3	11
35	Copper-based catalysts over A520-MOF derived aluminum spinels for hydrogen production by methanol steam reforming: The role of spinal support on the performance. International Journal of Hydrogen Energy, 2020, 45, 21341-21353.	7.1	34
36	Biomass-derived wearable energy storage systems based on poplar tree-cotton fibers coupled with binary nickel-cobalt nanostructures. Sustainable Energy and Fuels, 2020, 4, 643-654.	4.9	29

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37	Mesoporous Nanostructured Composite Derived from Thermal Treatment CoFe Prussian Blue Analogue Cages and Electrodeposited NiCo-S as an Efficient Electrocatalyst for an Oxygen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16250-16263.	8.0	53
38	Construction of a Ternary Nanocomposite, Polypyrrole/Fe ²⁺ Co Sulfide-Reduced Graphene Oxide/Nickel Foam, as a Novel Binder-Free Electrode for High-Performance Asymmetric Supercapacitors. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4393-4407.	3.1	60
39	Effect of Long-Chain Ionic Liquids on the Capacitive Performance of Carbon Nanotube-Sulfonated Polyaniline Hydrogels for Energy Storage Applications. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9810-9821.	3.1	32
40	Direct conversion of inorganic complexes to platinum/thin oxide nanoparticles decorated on MOF-derived chromium oxide/nanoporous carbon composite as an efficient electrocatalyst for ethanol oxidation reaction. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 655-666.	9.4	11
41	High-Performance, Flexible, All-Solid-State Wire-Shaped Asymmetric Micro-Supercapacitors Based on Three Dimensional CoNi ₂ S ₄ Nanosheets Decorated Nanoporous Ni ²⁺ Zn ²⁺ P Film/Cu Wire. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21353-21366.	3.1	33
42	Development of a Sensitive Diagnostic Device Based on Zeolitic Imidazolate Frameworks-8 Using Ferrocene ²⁺ Graphene Oxide as Electroactive Indicator for <i>Pseudomonas aeruginosa</i> Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 12760-12769.	6.7	45
43	Smart Chip for Visual Detection of Bacteria Using the Electrochromic Properties of Polyaniline. <i>Analytical Chemistry</i> , 2019, 91, 14960-14966.	6.5	44
44	<i>In situ</i> synthesis and encapsulation of copper phthalocyanine into MIL-101(Cr) and MIL-100(Fe) pores and investigation of their catalytic performance in the epoxidation of styrene. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 1118-1131.	0.8	6
45	Facile preparation of pH-responsive <i>k</i> -Carrageenan/tramadol loaded UiO-66 bio-nanocomposite hydrogel beads as a nontoxic oral delivery vehicle. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101311.	3.0	39
46	Embedding Pt ²⁺ SnO ₂ Nanoparticles into MIL-101(Cr) Pores: Hydrogen Production with Low Carbon Monoxide Content from a New Methanol Steam Reforming Catalyst. <i>ChemistrySelect</i> , 2019, 4, 6113-6122.	1.5	12
47	Synthesis, characterization and antibacterial activity of imidazole-functionalized Ag/MIL-101(Cr). <i>Journal of Porous Materials</i> , 2019, 26, 1721-1729.	2.6	14
48	Advanced on-site glucose sensing platform based on a new architecture of free-standing hollow Cu(OH) ₂ nanotubes decorated with CoNi-LDH nanosheets on graphite screen-printed electrode. <i>Nanoscale</i> , 2019, 11, 12655-12671.	5.6	63
49	Novel Schiff base-functionalized metal-organic framework nanoparticles for dispersive solid phase extraction of copper ions from vegetable and water samples. <i>Analytical Methods</i> , 2019, 11, 2683-2691.	2.7	11
50	Enhanced Electrochemical Activity of a Hollow Carbon Sphere/Polyaniline-Based Electrochemical Biosensor for HBV DNA Marker Detection. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2587-2594.	5.2	27
51	Multitask Guanidinium Bromide Functionalized Metal-Organic Framework in Chemical Fixation of CO ₂ at Low Pressure and Temperature. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 2784-2791.	3.7	18
52	Nickel molybdate nanorods supported on three-dimensional, porous nickel film coated on copper wire as an advanced binder-free electrode for flexible wire-type asymmetric micro-supercapacitors with enhanced electrochemical performances. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 325-338.	9.4	37
53	Iron-Decorated, Guanidine Functionalized Metal-Organic Framework as a Non-heme Iron-Based Enzyme Mimic System for Catalytic Oxidation of Organic Substrates. <i>Catalysis Letters</i> , 2019, 149, 1237-1249.	2.6	28
54	Fabrication of blue organic light-emitting diodes from novel uranium complexes: synthesis, characterization, and electroluminescence studies of uranium anthracene-9-carboxylate complexes. <i>Dalton Transactions</i> , 2019, 48, 3695-3703.	3.3	7

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55	Numerical simulation of a microfluidic system for regular glucose measurement. , 2019, , .		1
56	Synthesis and characterization of butylamine-functionalized Cr(III)-MOF-SO ₃ H: Synergistic effect of the hydrophobic moiety on Cr(III)-MOF-SO ₃ H in esterification reactions. <i>Polyhedron</i> , 2019, 173, 114142.	2.2	8
57	Flexible and Mechanically Durable Asymmetric Supercapacitor Based on NiCo-layered Double Hydroxide and Nitrogen-Doped Graphene Using a Simple Fabrication Method. <i>Energy Technology</i> , 2019, 7, 1801002.	3.8	23
58	Investigating the structural chemistry of organotin(IV) compounds: recent advances. <i>Reviews in Inorganic Chemistry</i> , 2019, 39, 13-45.	4.1	27
59	Facile synthesis of petal-like NiCo/NiO-CoO/nanoporous carbon composite based on mixed-metallic MOFs and their application for electrocatalytic oxidation of methanol. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 802-813.	20.2	246
60	Effect of Zinc Oxide Doping on Electroluminescence and Electrical Behavior of Metalloporphyrins-Doped Samarium Complex. <i>Journal of Electronic Materials</i> , 2018, 47, 2761-2767.	2.2	1
61	Synthesis, characterization, and photophysical properties of a new class of diorganotin(IV)cupferronato complexes with pyridyl-based ancillary ligands with different conjugated π -system. <i>Monatshefte Für Chemie</i> , 2018, 149, 1379-1388.	1.8	3
62	Direct growth of metal-organic frameworks thin film arrays on glassy carbon electrode based on rapid conversion step mediated by copper clusters and hydroxide nanotubes for fabrication of a high performance non-enzymatic glucose sensing platform. <i>Biosensors and Bioelectronics</i> , 2018, 112, 100-107.	10.1	92
63	Nanocomposite with Promoted Electrocatalytic Behavior Based on Bimetallic Pd-Ni Nanoparticles, Manganese Dioxide, and Reduced Graphene Oxide for Efficient Electrooxidation of Ethanol. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9783-9794.	3.1	38
64	Amine-functionalized MIL-101(Cr) embedded with Co phthalocyanine as a durable catalyst for one-pot tandem oxidative α - β coupling reactions of alcohols. <i>New Journal of Chemistry</i> , 2018, 42, 4167-4174.	2.8	32
65	Effect of metal ion type on the structure and optical properties of coordination polymers of 1,2,3,4-tetra-(4-pyridyl)-butane. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 483-489.	2.2	2
66	Design and fabrication of an electrochemical aptasensor using Au nanoparticles/carbon nanoparticles/cellulose nanofibers nanocomposite for rapid and sensitive detection of <i>Staphylococcus aureus</i> . <i>Bioelectrochemistry</i> , 2018, 123, 70-76.	4.6	74
67	The synthesis, characterization and catalytic application of manganese porphyrins bonded to novel modified SBA-15. <i>New Journal of Chemistry</i> , 2018, 42, 6464-6471.	2.8	16
68	Surface modification of glassy carbon electrode with the functionalized carbon nanotube for ultrasensitive electrochemical detection of risperidone. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1485-1494.	2.2	3
69	Copper nanoparticles incorporated on a mesoporous carbon nitride, an excellent catalyst in the Huisgen 1,3-dipolar cycloaddition and <i>N</i> -arylation of <i>N</i> -heterocycles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3914.	3.5	9
70	Vertically standing Cu ₂ O nanosheets promoted flower-like PtPd nanostructures supported on reduced graphene oxide for methanol electro-oxidation. <i>Electrochimica Acta</i> , 2018, 259, 36-47.	5.2	52
71	Dispersive magnetic solid-phase extraction of phthalate esters from water samples and human plasma based on a nanosorbent composed of MIL-101(Cr) metal-organic framework and magnetite nanoparticles before their determination by GC-MS. <i>Journal of Separation Science</i> , 2018, 41, 948-957.	2.5	76
72	Optical and magnetic properties of zinc vanadates: synthetic design of colloidal Zn ₃ V ₂ O ₇ (OH) ₂ (H ₂ O) ₂ , ZnV ₂ O ₄ and Zn ₃ V ₂ O ₈ nanostructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 2915-2926.	2.2	18

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73	Ultralight Flexible Asymmetric Supercapacitors Based On Manganese Dioxide/Polyaniline Nanocomposite and Reduced Graphene Oxide Electrodes Directly Deposited on Foldable Cellulose Papers. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27156-27168.	3.1	59
74	Metal-organic frameworks as a new platform for molecular oxygen and aerobic oxidation of organic substrates: Recent advances. <i>Polyhedron</i> , 2018, 156, 174-187.	2.2	14
75	High-Performance Fiber-Shaped Flexible Asymmetric Microsupercapacitor Based on Ni(OH) ₂ Nanoparticles-Decorated Porous Dendritic Ni-Cu Film/Cu Wire and Reduced Graphene Oxide/Carbon Fiber Electrodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14574-14588.	6.7	44
76	Metal-Ion Type Effect on the Crystal Structure and Optical Properties of 2,2'-bipyridine Complexes of Pb(II) and Cd(II). <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 1801-1809.	3.7	1
77	⁶⁸ Ga-radiolabeled magnetic nanoparticles for PET/MRI imaging. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 1333-1339.	1.5	6
78	Preparation of dual-modality yttrium-90 radiolabeled nanoparticles for therapeutic investigation. <i>Radiochimica Acta</i> , 2018, 106, 897-907.	1.2	6
79	Aptamer immobilization on amino-functionalized metal-organic frameworks: an ultrasensitive platform for the electrochemical diagnostic of <i>Escherichia coli</i> O157:H7. <i>Analyst</i> , 2018, 143, 3191-3201.	3.5	73
80	In situ synthesis of metallophthalocyanines into pores of MIL-101: A novel and green strategy for preparation of host-guest catalysts. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3715.	3.5	12
81	Synthesis and characterization of a series of novel perovskite-type LaMnO ₃ /Keggin-type polyoxometalate hybrid nanomaterials for fast and selective removal of cationic dyes from aqueous solutions. <i>Dalton Transactions</i> , 2017, 46, 3252-3264.	3.3	32
82	Application of a new nanoporous sorbent for extraction and pre-concentration of lead and copper ions. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 383-397.	3.3	37
83	Effects of length and number of aromatic rings in carboxylic acid ligands on structure and optical properties of lead(II) coordination polymers. <i>Research on Chemical Intermediates</i> , 2017, 43, 5741-5753.	2.7	5
84	Effect of pseudohalogen groups on the optical properties and the structures of diorganotin coordination compounds based on the flexible ligand 1,2,3,4-tetra(4-pyridyl)butane. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3884.	3.5	6
85	A High Performance Supercapacitor Based on Graphene/Polypyrrole/Cu ₂ O-Cu(OH) ₂ Ternary Nanocomposite Coated on Nickel Foam. <i>Journal of Physical Chemistry C</i> , 2017, 121, 6508-6519.	3.1	156
86	Metal-organic framework enhanced electromembrane extraction – a conceptual study using basic drugs as model substances. <i>Analytical Methods</i> , 2017, 9, 5646-5652.	2.7	25
87	Ligand preferences in ytterbium ions complexation with carboxylate-based metal-organic frameworks. <i>Journal of Coordination Chemistry</i> , 2017, 70, 3217-3232.	2.2	10
88	Fabrication of Trimetallic Pt-Pd-Co Porous Nanostructures on Reduced Graphene Oxide by Galvanic Replacement: Application to Electrocatalytic Oxidation of Ethylene Glycol. <i>Electroanalysis</i> , 2017, 29, 2591-2601.	2.9	16
89	Synthesis, Structure, Photoluminescence, and Electroluminescence of Four Europium Complexes: Fabrication of Pure Red Organic Light-Emitting Diodes from Europium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3644-3654.	2.0	22
90	Synthesis and characterization of a new tin(IV) complex with anthracene-9-carboxylic acid as a precursor in the preparation of an organic light-emitting diode. <i>Main Group Metal Chemistry</i> , 2017, 40,	1.6	0

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91	Optical properties of hydrophilic surfaced self-assembled Cd ₂ V ₂ O ₇ hollow sphere shape architecture. <i>Materials Letters</i> , 2017, 186, 252-255.	2.6	4
92	Synthesis and characterization of a new organotin(IV) complex as a new precursor for preparation SnO ₂ nanoparticles. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 332-339.	1.6	2
93	Zirconium Metal-Organic Framework (UiO-66) as a Robust Catalyst toward Solvent-Free Synthesis of Remarkable Heterocyclic Rings. <i>ChemistrySelect</i> , 2017, 2, 11906-11911.	1.5	30
94	Biomimetic Sensor for Dobutamine Employing Nano-TiO ₂ /Nafion/Carbon Nanoparticles Modified Electrode. <i>Electroanalysis</i> , 2016, 28, 970-978.	2.9	18
95	Modification of the Electrode Surface by Ag Nanoparticles Decorated Nano Diamond-graphite for Voltammetric Determination of Ceftizoxime. <i>Electroanalysis</i> , 2016, 28, 469-476.	2.9	17
96	Sonochemical Synthesis of a Nanocrystalline Tin(IV) Complex based on a Bulky Anthracene Carboxylate Ligand: Spectroscopic and Photophysical Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 500-511.	3.7	6
97	Inorganic-organic hybrid sorbent for aromatic desulfurization of hydrocarbons: regenerative adsorption based on a charge-transfer complex. <i>RSC Advances</i> , 2016, 6, 85381-85389.	3.6	5
98	High surface area mesoporous alumina nanosheets and nanorolls from an aluminum based metal organic framework. <i>Ceramics International</i> , 2016, 42, 17742-17748.	4.8	25
99	Phosphotungstic acid supported on aminosilica functionalized perovskite-type LaFeO ₃ nanoparticles: a novel recyclable and excellent visible-light photocatalyst. <i>RSC Advances</i> , 2016, 6, 102984-102996.	3.6	37
100	Adsorption of fluoride over a metal organic framework UiO-66 functionalized with amine groups and optimization with response surface methodology. <i>Journal of Molecular Liquids</i> , 2016, 221, 279-286.	4.9	123
101	A simple label-free electrochemical DNA biosensor based on carbon nanotube-DNA interaction. <i>RSC Advances</i> , 2016, 6, 15592-15598.	3.6	30
102	Modified glassy carbon electrodes based on carbon nanostructures for ultrasensitive electrochemical determination of furazolidone. <i>Materials Science and Engineering C</i> , 2016, 61, 842-850.	7.3	72
103	Structural and spectroscopic characterizations of aluminum phenoxide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 157, 238-243.	3.9	5
104	Structure and optical properties of a new nano-zinc(II) complex synthesized by sonochemical method. <i>Monatshefte für Chemie</i> , 2016, 147, 1547-1555.	1.8	2
105	Adsorption and determination of Cr(VI) in environmental samples using triazine-modified Fe ₃ O ₄ nanoparticles: kinetics and equilibrium modeling. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 78, 446-456.	2.4	23
106	Preparation and characterization of the pH and thermosensitive magnetic molecular imprinted nanoparticle polymer for the cancer drug delivery. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2349-2354.	2.2	26
107	A simple hydrothermal route for the low-temperature processing of nanocrystalline TiO ₂ . <i>Journal of Sol-Gel Science and Technology</i> , 2016, 77, 378-385.	2.4	4
108	Voltammetric studies of Azathioprine on the surface of graphite electrode modified with graphene nanosheets decorated with Ag nanoparticles. <i>Materials Science and Engineering C</i> , 2016, 58, 1098-1104.	7.3	39

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109	Electrodeposition of Copper Oxide Nanoparticles on Precasted Carbon Nanoparticles Film for Electrochemical Investigation of anti-HIV Drug Nevirapine. <i>Electroanalysis</i> , 2015, 27, 1989-1997.	2.9	32
110	Nanocellulose/Carbon Nanoparticles Nanocomposite Film Modified Electrode for Durable and Sensitive Electrochemical Determination of Metoclopramide. <i>Electroanalysis</i> , 2015, 27, 2637-2644.	2.9	30
111	Catalytic activity of the nanoporous MCM-41 surface for the Paal-Knorr pyrrole cyclocondensation. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2015, 70, 475-481.	0.7	6
112	Structure and Photoluminescence Properties of a New Nanostructure Tin(IV) Complex: A Precursor for Preparation of Pure Phase Nanosized SnO ₂ . <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 1137-1150.	3.7	6
113	Structural and spectroscopic characterizations of tetra-nuclear niobium(V) complexes of quinolinol derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 144, 192-199.	3.9	3
114	Ruthenium diphosphine complexes as an efficient hydroamination catalyst. <i>Applied Petrochemical Research</i> , 2015, 5, 105-112.	1.3	4
115	Synthesis and characterization of diphenylcarbazide-siliceous mesocellular foam and its application as a novel mesoporous sorbent for preconcentration and trace detection of copper and cadmium ions. <i>RSC Advances</i> , 2015, 5, 68500-68509.	3.6	37
116	Adsorption of polycyclic aromatic hydrocarbons from wastewater by using silica-based organic-inorganic nanohybrid material. <i>Journal of Water Reuse and Desalination</i> , 2015, 5, 50-63.	2.3	61
117	Dithizone-modified graphene oxide nano-sheet as a sorbent for pre-concentration and determination of cadmium and lead ions in food. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 1851-1857.	2.3	11
118	Modification of glassy carbon electrode with a bilayer of multiwalled carbon nanotube/tiron-doped polypyrrole: Application to sensitive voltammetric determination of acyclovir. <i>Materials Science and Engineering C</i> , 2015, 53, 134-141.	7.3	51
119	Application of solvent-assisted dispersive solid phase extraction as a new, fast, simple and reliable preconcentration and trace detection of lead and cadmium ions in fruit and water samples. <i>Food Chemistry</i> , 2015, 187, 82-88.	8.2	107
120	Isolation of first row transition metal-carboxylate zwitterions. <i>RSC Advances</i> , 2015, 5, 42978-42989.	3.6	11
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