

Meissam Noroozifar

List of Publications by Year in descending order

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180
papers

3,629
citations

136740

32
h-index

233125

45
g-index

182
all docs

182
docs citations

182
times ranked

3488
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous and sensitive determination of a quaternary mixture of AA, DA, UA and Trp using a modified GCE by iron ion-doped natrolite zeolite-multiwall carbon nanotube. <i>Biosensors and Bioelectronics</i> , 2011, 28, 56-63.	5.3	169
2	Preparation of silver hexacyanoferrate nanoparticles and its application for the simultaneous determination of ascorbic acid, dopamine and uric acid. <i>Talanta</i> , 2010, 80, 1657-1664.	2.9	117
3	Investigation of a new electrochemical cyanide sensor based on Ag nanoparticles embedded in a three-dimensional sol-gel. <i>Journal of Electroanalytical Chemistry</i> , 2009, 628, 48-54.	1.9	73
4	Palladium aerogel as a high-performance electrocatalyst for ethanol electro-oxidation in alkaline media. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10244-10249.	5.2	62
5	Novel fabrication of PdCu nanostructures decorated on graphene as excellent electrocatalyst toward ethanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 15149-15159.	3.8	62
6	Three-dimensional assembly of building blocks for the fabrication of Pd aerogel as a high performance electrocatalyst toward ethanol oxidation. <i>Electrochimica Acta</i> , 2018, 275, 182-191.	2.6	55
7	Flow injection analysis-flame atomic absorption spectrometry system for indirect determination of cyanide using cadmium carbonate as a new solid-phase reactor. <i>Analytica Chimica Acta</i> , 2005, 528, 269-273.	2.6	54
8	DNA interaction of europium(III) complex containing 2,2'-bipyridine and its antimicrobial activity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 612-624.	2.0	53
9	Adsorption behavior of Cr(VI) on modified natural zeolite by a new bolaform N,N,N,N-tetraethylhexamethyl-1,9-nonanediammonium dibromide reagent. <i>Journal of Hazardous Materials</i> , 2008, 155, 566-571.	6.5	50
10	Solid-phase iodine as an oxidant in flow injection analysis: determination of ascorbic acid in pharmaceuticals and foods by background correction. <i>Talanta</i> , 2003, 61, 173-179.	2.9	49
11	Shape engineering of palladium aerogels assembled by nanosheets to achieve a high performance electrocatalyst. <i>Applied Catalysis B: Environmental</i> , 2019, 250, 242-249.	10.8	49
12	Specific Extraction of Chromium as Tetrabutylammonium-Chromate and Spectrophotometric Determination by Diphenylcarbazide: Speciation of Chromium in Effluent Streams. <i>Analytical Sciences</i> , 2003, 19, 705-708.	0.8	46
13	A fast method to prepare Pd-Co nanostructures decorated on graphene as excellent electrocatalyst toward formic acid oxidation. <i>Journal of Alloys and Compounds</i> , 2018, 739, 882-891.	2.8	46
14	Fluorescence and DNA-binding spectral studies of neodymium(III) complex containing 2,2'-bipyridine, [Nd(bpy) ₂ Cl ₃ ·OH ₂]. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 598-603.	2.0	45
15	Spectroscopic studies on the binding of holmium-1,10-phenanthroline complex with DNA. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 117, 132-139.	1.7	45
16	Simultaneous determination of hydroquinone and catechol using a modified glassy carbon electrode by ruthenium red/carbon nanotube. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1139-1147.	1.2	44
17	Enhanced electrocatalytic properties of Pt-chitosan nanocomposite for direct methanol fuel cell by LaFeO ₃ and carbon nanotube. <i>Journal of Power Sources</i> , 2014, 248, 130-139.	4.0	43
18	Cyanide uptake from wastewater by modified natrolite zeolite-iron oxyhydroxide system: Application of isotherm and kinetic models. <i>Journal of Hazardous Materials</i> , 2009, 166, 1060-1066.	6.5	42

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19	Study on fluorescence and DNA-binding of praseodymium(III) complex containing 2,2'-bipyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 389-395.	2.0	42
20	Poly (dopamine quinone-chromium (III) complex) microspheres as new modifier for simultaneous determination of phenolic compounds. <i>Biosensors and Bioelectronics</i> , 2018, 102, 439-448.	5.3	42
21	Simultaneous voltammetric detection of six biomolecules using a nanocomposite of titanium dioxide nanorods with multi-walled carbon nanotubes. <i>Electrochimica Acta</i> , 2020, 362, 137094.	2.6	42
22	Investigation of the nanometals (Ni and Sn) in platinum binary and ternary electrocatalysts for methanol electrooxidation. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 11554-11563.	3.8	41
23	Sonochemical synthesis of high-performance Pd@CuNWs/MWCNTs-CH electrocatalyst by galvanic replacement toward ethanol oxidation in alkaline media. <i>Ultrasonics Sonochemistry</i> , 2019, 51, 478-486.	3.8	40
24	One-pot synthesis of ultrasmall Pt Ag nanoparticles decorated on graphene as a high-performance catalyst toward methanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7946-7955.	3.8	39
25	Review "Nanocomposite-Based Sensors for Voltammetric Detection of Hazardous Phenolic Pollutants in Water. <i>Journal of the Electrochemical Society</i> , 2020, 167, 037568.	1.3	39
26	Application of manganese(IV) dioxide microcolumn for determination and speciation of nitrite and nitrate using a flow injection analysis-flame atomic absorption spectrometry system. <i>Talanta</i> , 2007, 71, 359-364.	2.9	38
27	Determination of cyanide in wastewaters using modified glassy carbon electrode with immobilized silver hexacyanoferrate nanoparticles on multiwall carbon nanotube. <i>Journal of Hazardous Materials</i> , 2011, 185, 255-261.	6.5	38
28	Modified fluorine-doped tin oxide electrode with inorganic ruthenium red dye-multiwalled carbon nanotubes for simultaneous determination of a dopamine, uric acid, and tryptophan. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 333-341.	4.0	37
29	An environmentally friendly one-pot synthesis method by the ultrasound assistance for the decoration of ultrasmall Pd-Ag NPs on graphene as high active anode catalyst towards ethanol oxidation. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104616.	3.8	37
30	Photoluminescence studies of a Terbium(III) complex as a fluorescent probe for DNA detection. <i>Journal of Luminescence</i> , 2013, 143, 56-62.	1.5	36
31	Porous three-dimensional network of Pd-Cu aerogel toward formic acid oxidation. <i>RSC Advances</i> , 2018, 8, 23539-23545.	1.7	36
32	Multispectroscopic DNA-binding studies of a terbium(III) complex containing 2,2'-bipyridine ligand. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 414-426.	2.0	35
33	Three-dimensional Pd-Cd nanonetwork decorated on reduced graphene oxide by a galvanic method as a novel electrocatalyst for ethanol oxidation in alkaline media. <i>Journal of Power Sources</i> , 2018, 396, 742-748.	4.0	34
34	Platinum nanoparticles self-assembled onto chitosan membrane as anode for direct methanol fuel cell. <i>Journal of Applied Electrochemistry</i> , 2011, 41, 527-534.	1.5	32
35	Photochemical and DFT studies on DNA-binding ability and antibacterial activity of lanthanum(III)-phenanthroline complex. <i>Journal of Molecular Structure</i> , 2017, 1130, 940-950.	1.8	32
36	Fluorescence and DNA-binding properties of neodymium(III) and praseodymium(III) complexes containing 1,10-phenanthroline. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 978-984.	2.0	31

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37	Three-Dimensional Engineering of Nanoparticles To Fabricate a Pd@Au Aerogel as an Advanced Supportless Electrocatalyst for Low-Temperature Direct Ethanol Fuel Cells. <i>ACS Applied Energy Materials</i> , 2020, 3, 7527-7534.	2.5	31
38	Controlled organization of building blocks to prepare three-dimensional architecture of Pd@Ag aerogel as a high active electrocatalyst toward formic acid oxidation. <i>Composites Part B: Engineering</i> , 2019, 172, 309-315.	5.9	30
39	Core-shell nanocomposite of superparamagnetic Fe ₃ O ₄ nanoparticles with poly(m-aminobenzenesulfonic acid) for polymer solar cells. <i>Organic Electronics</i> , 2020, 77, 105462.	1.4	30
40	Fluorescence studies, DNA binding properties and antimicrobial activity of a dysprosium(III) complex containing 1,10-phenanthroline. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 127, 192-201.	1.7	29
41	Removing 2,4-dichlorophenol from aqueous environments by heterogeneous catalytic ozonation using synthesized MgO nanoparticles. <i>Water Science and Technology</i> , 2017, 76, 3054-3068.	1.2	29
42	Nanoraspberry-like copper/ reduced graphene oxide as new modifier for simultaneous determination of benzenediols isomers and nitrite. <i>Analytica Chimica Acta</i> , 2019, 1056, 16-25.	2.6	29
43	Highly sensitive electrochemical detection of dopamine and uric acid on a novel carbon nanotube-modified ionic liquid-nanozeolite paste electrode. <i>Ionics</i> , 2013, 19, 1317-1327.	1.2	28
44	An investigation into the photovoltaic activity of a new nanocomposite of (polyaniline) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (na 50-61.	2.1	28
45	Preparation and Characterization of Nano-Sized Magnetic Particles LaCoO ₃ by Ultrasonic-Assisted Coprecipitation Method. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1591-1595.	0.6	27
46	Multifunctional catalysts toward methanol oxidation in direct methanol fuel cell. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 439-451.	1.5	27
47	Biochemical investigation of yttrium(III) complex containing 1,10-phenanthroline: DNA binding and antibacterial activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 120, 148-155.	1.7	26
48	Pd nanonetwork decorated on rGO as a high-performance electrocatalyst for ethanol oxidation. <i>Applied Surface Science</i> , 2018, 462, 112-117.	3.1	26
49	Thiol functionalized carbon ceramic electrode modified with multi-walled carbon nanotubes and gold nanoparticles for simultaneous determination of purine derivatives. <i>Materials Science and Engineering C</i> , 2020, 110, 110568.	3.8	26
50	Solid-phase sodium bismuthate as an oxidant in flow injection analysis: determination of manganese in effluent streams. <i>Analytica Chimica Acta</i> , 2000, 413, 57-61.	2.6	25
51	Adsorptive Removal of Benzene and Toluene from Aqueous Environments by Cupric Oxide Nanoparticles: Kinetics and Isotherm Studies. <i>Journal of Chemistry</i> , 2017, 2017, 1-10.	0.9	25
52	Promoted electrocatalytic ability of the Pd on doped Pt in NiO-MgO solid solution toward methanol and ethanol oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2018, 827, 204-212.	1.9	25
53	Synthesis, characterization, and binding assessment with human serum albumin of three bipyridine lanthanide(III) complexes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1438-1450.	2.0	25
54	Binding analysis of ytterbium(III) complex containing 1,10-phenanthroline with DNA and its antimicrobial activity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013, 31, 937-950.	2.0	24

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55	Comparative study of bioelectricity generation in a microbial fuel cell using ceramic membranes made of ceramic powder, Kalporgan's soil, and acid leached Kalporgan's soil. <i>Energy</i> , 2019, 178, 368-377.	4.5	24
56	Production of greener energy in microbial fuel cell with ceramic separator fabricated using native soils: Effect of lattice and porous SiO ₂ . <i>Fuel</i> , 2021, 284, 118938.	3.4	24
57	Ultrasonic and microwave-assisted co-precipitation synthesis of pure phase LaFeO ₃ perovskite nanocrystals. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 833-839.	1.2	23
58	Sensitive and selective determination of uric acid in real samples by modified glassy carbon electrode with holmium fluoride nanoparticles/multi-walled carbon nanotube as a new biosensor. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 65-72.	4.0	23
59	Fabrication of modified carbon paste electrodes with Ni-doped Lewatit FO36 nano ion exchange resin for simultaneous determination of epinephrine, paracetamol and tryptophan. <i>Journal of Electroanalytical Chemistry</i> , 2018, 809, 153-162.	1.9	23
60	Epigallocatechin Gallate-Modified Graphite Paste Electrode for Simultaneous Detection of Redox-Active Biomolecules. <i>Sensors</i> , 2018, 18, 23.	2.1	23
61	Evaluation of DNA, BSA binding, and antimicrobial activity of new synthesized neodymium complex containing 29-dimethyl 110-phenanthroline. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 779-794.	2.0	22
62	Ethanol electrooxidation on high-performance mesoporous ZnFe ₂ O ₄ -supported palladium nanoparticles. <i>New Journal of Chemistry</i> , 2019, 43, 3884-3890.	1.4	22
63	Fast improved polyol method for synthesis of Pd/C catalyst with high performance toward ethanol electrooxidation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 27312-27319.	3.8	22
64	Capture and electroreduction of CO ₂ using highly efficient bimetallic Pd-Ag aerogels paired with carbon nanotubes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12870-12877.	5.2	22
65	Photodegradation of methyl orange catalyzed by nanoscale zerovalent iron particles supported on natural zeolite. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 471-479.	1.2	21
66	Graphite paste electrode modified with Lewatit® FO36 nano-resin for simultaneous determination of ascorbic acid, acetaminophen and tryptophan. <i>Analytical Methods</i> , 2016, 8, 1924-1934.	1.3	21
67	New synthesis of poly ortho-methoxyaniline nanostructures and its application to construct modified multi-wall carbon nanotube/graphite paste electrode for simultaneous determination of uric acid and folic acid. <i>Materials Science and Engineering C</i> , 2017, 75, 791-797.	3.8	21
68	Copper polydopamine complex/multiwalled carbon nanotubes as novel modifier for simultaneous electrochemical determination of ascorbic acid, dopamine, acetaminophen, nitrite and xanthine. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 3049-3057.	1.2	21
69	A new one-pot, and green strategy for the synthesis of networks of connected Pt nanoparticles decorated on MWCNTs as an excellent catalyst for anodic electrooxidation of methanol. <i>Composites Part B: Engineering</i> , 2019, 160, 505-511.	5.9	21
70	The improvement of methanol oxidation using nano-electrocatalysts. <i>Journal of Experimental Nanoscience</i> , 2016, 11, 798-815.	1.3	20
71	Deposition of PdPtAu Nanoparticles on Hollow Nanospheres of Fe ₃ O ₄ as a New Catalyst for Methanol Electrooxidation: Application in Direct Methanol Fuel Cell. <i>Electroanalysis</i> , 2017, 29, 2896-2905.	1.5	20
72	Flow injection analysis-flame atomic absorption spectrometry system for indirect determination of sulfite after on-line reduction of solid-phase manganese (IV) dioxide reactor. <i>Talanta</i> , 2018, 178, 722-727.	2.9	20

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73	Experimental and theoretical investigations of Dy(III) complex with 2,2'-bipyridine ligand: DNA and BSA interactions and antimicrobial activity study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 4746-4763.	2.0	20
74	Electrochemical investigation of Pd nanoparticles and MWCNTs supported Pd nanoparticles-coated electrodes for alcohols (C1-C3) oxidation in fuel cells. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 233-243.	1.5	19
75	Fabrication and performance evaluation of a novel membrane electrode assembly for DMFCs. <i>RSC Advances</i> , 2016, 6, 563-574.	1.7	19
76	Poly(querctetin)-bismuth nanowires as a new modifier for simultaneous voltammetric determination of dihydroxybenzene isomers and nitrite. <i>RSC Advances</i> , 2018, 8, 1237-1245.	1.7	19
77	Evaluation of DNA, BSA binding, DNA cleavage and antimicrobial activity of ytterbium(III) complex containing 2,2'-bipyridine ligand. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 1-15.	2.0	19
78	A facile and green synthesis of superparamagnetic Fe ₃ O ₄ @PANI nanocomposite with a core-shell structure to increase of triplet state population and efficiency of the solar cells. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104942.	3.3	19
79	Iron(III) octaethylporphyrin chloride supported on glassy carbon as an electrocatalyst for oxygen reduction. <i>Journal of Electroanalytical Chemistry</i> , 2004, 565, 115-120.	1.9	18
80	Synthesis of europium oxide-promoted Pd catalyst by an improved impregnation method as a high performance catalyst for the ethanol oxidation reaction. <i>New Journal of Chemistry</i> , 2017, 41, 10652-10658.	1.4	18
81	Modified glassy carbon electrode with Polydopamine-multiwalled carbon nanotubes for simultaneous electrochemical determination of biocompounds in biological fluids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 66-72.	1.4	18
82	An easy and eco-friendly method to fabricate three-dimensional Pd-M (Cu, Ni) nanonetwork structure decorated on the graphene nanosheet with boosted ethanol electrooxidation activity in alkaline medium. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 28821-28832.	3.8	18
83	Prussian blue-doped nanosized polyaniline for electrochemical detection of benzenediol isomers. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1769-1784.	1.9	18
84	Electrocatalytic Determination of L-Ascorbic Acid by Modified Glassy Carbon with Ni(Me ₂ CH ₃ CO) ₂ [14]tetraenoN ₄ Complex. <i>Analytical Sciences</i> , 2003, 19, 1671-1674.	0.8	17
85	Electrochemical activities of platinum-decorated multi-wall carbon nanotube/chitosan composites for the oxidations of alcohols. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 643-654.	1.2	17
86	Graphene Oxide Nanoribbons in Chitosan for Simultaneous Electrochemical Detection of Guanine, Adenine, Thymine and Cytosine. <i>Biosensors</i> , 2020, 10, 30.	2.3	17
87	Gold-Platinum Core-Shell Nanoparticles with Thiolated Polyaniline and Multi-Walled Carbon Nanotubes for the Simultaneous Voltammetric Determination of Six Drug Molecules. <i>Chemosensors</i> , 2021, 9, 24.	1.8	17
88	Investigation on the electrocatalytic activity and stability of three-dimensional and two-dimensional palladium nanostructures for ethanol and formic acid oxidation. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 485-490.	5.0	16
89	Nanocomposite of ferricyanide-doped chitosan with multi-walled carbon nanotubes for simultaneous senary detection of redox-active biomolecules. <i>Journal of Electroanalytical Chemistry</i> , 2019, 849, 113376.	1.9	16
90	Evaluation of parent and nano-encapsulated terbium(III) complex toward its photoluminescence properties, FS-DNA, BSA binding affinity, and biological applications. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 61, 126564.	1.5	16

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91	New Class of Verdoheme Analogues with Weakly Coordinating Anions: The Structure of (1/4-Oxo)bis[(octaethylxoporphinato)iron(III)] Hexafluorophosphate. <i>Inorganic Chemistry</i> , 2005, 44, 7762-7769.	1.9	15
92	Incorporation effect of nanosized perovskite LaFe _{0.7} Co _{0.3} O ₃ on the electrochemical activity of Pt nanoparticles-multi walled carbon nanotube composite toward methanol oxidation. <i>Journal of Solid State Chemistry</i> , 2013, 201, 41-47.	1.4	15
93	Modified nanocrystalline natural zeolite for adsorption of arsenate from wastewater: Isotherm and kinetic studies. <i>Microporous and Mesoporous Materials</i> , 2014, 197, 101-108.	2.2	15
94	A facile route for the preparation of new Pd/La ₂ O ₃ catalyst with the lowest palladium loading by a new reduction system as a high performance catalyst towards ethanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 18991-19000.	3.8	15
95	Computational and experimental study on the interaction of three novel rare earth complexes containing 2,9-dimethyl-1,10-phenanthroline with human serum albumin. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1581-1591.	1.2	15
96	Single-layer solar cell based on nanostructure of polyaniline on fluorine-doped tin oxide: a simple, low-cost and efficient FTO/n-PANI/Al cell. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 967-980.	1.2	15
97	A simple and fast method for the preparation of super active Pd/CNTs catalyst toward ethanol electrooxidation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 12103-12109.	3.8	15
98	Ultra-trace determination of hexavalent chromium by novel two dimensional biphenol-biphenanthroline nanoribbons/silver nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 1023-1033.	4.0	15
99	In vitro cytotoxicity studies of parent and nanoencapsulated Holmium-2,9-dimethyl-1,10-phenanthroline complex toward fish-salmon DNA-binding properties and antibacterial activity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 4437-4449.	2.0	14
100	Enhancing the efficiency of ceramic native soil membrane using Zircon in a continuous microbial fuel cell for wastewater treatment and sustainable energy. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108255.	3.3	14
101	Synthesis and structural determination of new octaethylporphyrin iron(III) complexes containing cyanamide derivatives as axial ligand. <i>Inorganica Chimica Acta</i> , 2009, 362, 1260-1266.	1.2	13
102	Simultaneous Determination of Ascorbic Acid and Uric Acid by a New Modified Carbon Nanotube-Paste Electrode Using Chloromercuriferrocene. <i>Analytical Sciences</i> , 2010, 26, 425-430.	0.8	13
103	Synthesis and biological evaluation of a new dysprosium(III) complex containing 2,9-dimethyl 1,10-phenanthroline. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 300-311.	2.0	13
104	Synthesis, characterization, crystal structure, DNA/BSA binding ability and antibacterial activity of asymmetric europium complex based on 1,10-phenanthroline. <i>Journal of Molecular Structure</i> , 2017, 1137, 771-783.	1.8	13
105	Inhibition of aluminum corrosion in acid solution by environmentally friendly antibacterial corrosion inhibitors: Experimental and theoretical investigations. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2017, 53, 579-590.	0.3	13
106	The improved performance of lithium-ion batteries via the novel electron transport catalytic role of polyaniline (PANI) in PANI/Co ₃ O ₄ @CuO raspberry as new anode material. <i>Journal of Applied Electrochemistry</i> , 2019, 49, 327-340.	1.5	13
107	Simultaneous Determination of Four DNA bases at Graphene Oxide/Multi-Walled Carbon Nanotube Nanocomposite-Modified Electrode. <i>Micromachines</i> , 2020, 11, 294.	1.4	13
108	Synthesis and Application of Phosphorus/Co ₃ O ₄ @CuO Hybrid as High-Performance Anode Materials for Lithium-Ion Batteries. <i>ACS Omega</i> , 2018, 3, 4620-4630.	1.6	12

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109	Simultaneous Square Wave Voltammetric Detection of Endocrine-Disrupting Agents Using a Nanocomposite of Magnetic Fe ₃ O ₄ Nanorods and Poly(3,4-Methylenedioxy)aniline. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 15108-15119.	3.2	12
110	Parent and nano-encapsulated ytterbium complex toward binding with biological macromolecules, <i>in vitro</i> cytotoxicity, cleavage and antimicrobial activity studies. <i>RSC Advances</i> , 2020, 10, 23002-23015.	1.7	12
111	Cross-linked poly(N-alkyl-4-vinylpyridinium) iodides as new eco-friendly inhibitors for corrosion study of St-37 steel in 1M H ₂ SO ₄ . <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 225-239.	1.3	12
112	Application of Ag ₂ X (X=SO ₃ ²⁻ , Cr ₂ O ₇ ²⁻ , C ₂ O ₄ ²⁻ and CO ₃ ²⁻) solid-phase reagents for indirect determination of cyanide in the industrial effluent using FIA-FAAS system. <i>Talanta</i> , 2007, 72, 1773-1778.	2.9	11
113	Formation and stabilization of five-coordinate iron(II) verdoheme analogues by axial weakly coordinating anion ligation. X-ray crystal structures of [(OEPFe)2O](X) ₂ (X=AsF ₆ , SbF ₆). <i>Inorganica Chimica Acta</i> , 2007, 360, 2331-2338.	1.2	11
114	Preparation of Tetraheptylammonium Iodide-Iodine Graphite-Multiwall Carbon Nanotube Paste Electrode: Electrocatalytic Determination of Ascorbic Acid in Pharmaceuticals and Foods. <i>Analytical Sciences</i> , 2011, 27, 929-935.	0.8	11
115	Experimental and theoretical studies on the DNA-binding of cationic yttrium(III) complex containing 2,2'-bipyridine. <i>Journal of Molecular Structure</i> , 2015, 1083, 57-64.	1.8	11
116	Deposition of palladium-copper nanostructure on reduced graphene oxide by a simple method toward formic acid oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2019, 848, 113299.	1.9	11
117	Electroreduction of carbon dioxide to formate using highly efficient bimetallic Sn-Pd aerogels. <i>Materials Advances</i> , 2022, 3, 1224-1230.	2.6	11
118	Performance evaluation of anodic nano-catalyst for direct methanol alkaline fuel cell. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 597-604.	1.3	10
119	Solid-state synthesis of PANI-TiO ₂ nanocomposite: Investigation of reaction conditions, nature of oxidant and electrical properties. <i>EXPRESS Polymer Letters</i> , 2021, 15, 2-15.	1.1	10
120	Atomic Absorption Spectrometry for the Automatic Indirect Determination of Ascorbic Acid Based on the Reduction of Manganese Dioxide. <i>Analytical Sciences</i> , 2005, 21, 655-659.	0.8	9
121	Pneumatic Flow Injection Analysis-Tandem Spectrometer System for Iron Speciation. <i>Analytical Sciences</i> , 2006, 22, 141-144.	0.8	9
122	Praseodymium (III) complexes with 1,10-phenanthroline and cyanamide derivatives as N-donor ligands. <i>Inorganica Chimica Acta</i> , 2009, 362, 3785-3790.	1.2	9
123	Electronic and fluorescent studies on the interaction of DNA and BSA with a new ternary praseodymium complex containing 2,9-dimethyl 1,10-phenanthroline and antibacterial activities testing. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2283-2295.	2.0	9
124	Synthesis and characterization of poly(p-aminoazobenzene) nanosheet as a new derivative of polyaniline containing azo groups under green chemistry condition and its high efficiency in solar cell. <i>Synthetic Metals</i> , 2019, 255, 116115.	2.1	9
125	Gold Nanoparticles/Biphenol-biphenquinone for Ultra-trace Voltammetric Determination of Captopril. <i>Electroanalysis</i> , 2021, 33, 713-722.	1.5	9
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