Given Names Deactivated Family Name

List of Publications by Year
in descending order

173 papers	4,956 citations	87888 38 h-index	133252 59 g-index
176 all docs	176 docs citations	176 times ranked	6157 citing authors

#	Article	IF	Citations
1	Polymeric micelles as drug delivery vehicles. RSC Advances, 2014, 4, 17028-17038.	3.6	449
2	Metal nanoparticles fabricated by green chemistry using natural extracts: biosynthesis, mechanisms, and applications. RSC Advances, 2019, 9, 24539-24559.	3.6	247
3	Nanomedicine: An effective tool in cancer therapy. International Journal of Pharmaceutics, 2018, 540, 132-149.	5.2	169
4	Micelles as Soil and Water Decontamination Agents. Chemical Reviews, 2016, 116, 6042-6074.	47.7	144
5	Synthesis, characterization, biological screenings and interaction with calf thymus DNA as well as electrochemical studies of adducts formed by azomethine [2-((3,5-dimethylphenylimino)methyl)phenol] and organotin(IV) chlorides. Polyhedron, 2012, 40, 19-31.	2.2	100
6	Fuel production from waste polystyrene via pyrolysis: Kinetics and products distribution. Waste Management, 2019, 88, 236-247.	7.4	95
7	Diorganotin(IV) derivatives of ONO tridentate Schiff base: Synthesis, crystal structure, in vitro antimicrobial, anti-leishmanial and DNA binding studies. European Journal of Medicinal Chemistry, 2010, 45, 2902-2911.	5.5	89
8	Zinc-telluride nanospheres as an efficient water oxidation electrocatalyst displaying a low overpotential for oxygen evolution. Journal of Materials Chemistry A, 2019, 7, 26410-26420.	10.3	87
9	The role of private sector in the implementation of sustainable development goals. Environment, Development and Sustainability, 2021, 23, 2931-2948.	5.0	85
10	Voltammetric and spectroscopic investigations of 4-nitrophenylferrocene interacting with DNA. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 1082-1087.	3.9	78
11	Redox Behavior of Anticancer Chalcone on a Glassy Carbon Electrode and Evaluation of its Interaction Parameters with DNA. International Journal of Molecular Sciences, 2008, 9, 1424-1434.	4.1	69
12	Synthesis, characterization, and application of Auâ€“Ag alloy nanoparticles for the sensing of an environmental toxin, pyrene. Journal of Applied Electrochemistry, 2015, 45, 463-472.	2.9	60
13	Heteroatom-doped carbonaceous electrode materials for high performance energy storage devices. Sustainable Energy and Fuels, 2018, 2, 1398-1429.	4.9	59
14	Separation and recycling of nanoparticles using cloud point extraction with non-ionic surfactant mixtures. Journal of Colloid and Interface Science, 2011, 363, 490-496.	9.4	58
15	Synthesis, spectroscopic characterization, X-ray structure and evaluation of binding parameters of new triorganotin(IV) dithiocarboxylates with DNA. European Journal of Medicinal Chemistry, 2009, 44, 3986-3993.	5.5	57
16	Characterization and DNA binding studies of unexplored imidazolidines by electronic absorption spectroscopy and cyclic voltammetry. Journal of Photochemistry and Photobiology B: Biology, 2013, 120, 90-97.	3.8	54
17	Thermo-catalytic decomposition of polystyrene waste: Comparative analysis using different kinetic models. Waste Management and Research, 2020, 38, 202-212.	3.9	53
18	Synthesis, characterization and DNA binding studies of organoantimony(V) ferrocenyl benzoates. Journal of Organometallic Chemistry, 2012, 717, 1-8.	1.8	52

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19	Organotin(IV) 4-nitrophenylethanoates: Synthesis, structural characteristics and intercalative mode of interaction with DNA. Journal of Organometallic Chemistry, 2009, 694, 3431-3437.	1.8	51
20	Selective and simultaneous detection of Zn2+, Cd2+, Pb2+, Cu2+, Hg2+ and Sr2+ using surfactant modified electrochemical sensors. Electrochimica Acta, 2019, 323, 134592.	5.2	51
21	Synthesis and spectroscopic characterization of Ag-Cu alloy nanoparticles prepared in various ratios. Comptes Rendus Chimie, 2012, 15, 533-538.	0.5	50
22	Synthesis and characterisation of metal nanoparticles and their effects on seed germination and seedling growth in commercially importantEruca sativa. IET Nanobiotechnology, 2016, 10, 134-140.	3.8	50
23	Ionic Liquids as Environmentally Benign Electrolytes for Highâ€Performance Supercapacitors. Global Challenges, 2019, 3, 1800023.	3.6	50
24	Ultrathin CoTe nanoflakes electrode demonstrating low overpotential for overall water splitting. Fuel, 2020, 280, 118666.	6.4	49
25	Electrochemical and Spectroscopic Investigations of Protonated Ferrocene-DNA Intercalation. Analytical Sciences, 2008, 24, 1437-1441.	1.6	48
26	Development of surfactant based electrochemical sensor for the trace level detection of mercury. Electrochimica Acta, 2016, 190, 1007-1014.	5.2	47
27	Carbon quantum dots co-catalyzed with multiwalled carbon nanotubes and silver nanoparticles modified nanosensor for the electrochemical assay of anti-HIV drug Rilpivirine. Sensors and Actuators B: Chemical, 2019, 285, 571-583.	7.8	47
28	A Novel Electrochemical Nanosensor for the Simultaneous Sensing of Two Toxic Food Dyes. ACS Omega, 2020, 5, 6187-6193.	3.5	47
29	Synthesis, characterization, electrochemistry and evaluation of biological activities of some ferrocenyl Schiff bases. Applied Organometallic Chemistry, 2011, 25, 61-69.	3.5	45
30	Development of photocatalysts for selective and efficient organic transformations. Journal of Photochemistry and Photobiology B: Biology, 2015, 148, 209-222.	3.8	45
31	Pyrolysis of Expanded Waste Polystyrene: Influence of Nickel-Doped Copper Oxide on Kinetics, Thermodynamics, and Product Distribution. Energy & Fuels, 2019, 33, 12666-12678.	5.1	45
32	Synthesis, physicochemical elucidation, biological screening and molecular docking studies of a Schiff base and its metal(II) complexes. Arabian Journal of Chemistry, 2020, 13, 1130-1141.	4.9	44
33	Monitoring of 2-butanone using a Agâ€“Cu bimetallic alloy nanoscale electrochemical sensor. RSC Advances, 2015, 5, 44427-44434.	3.6	43
34	Synthesis, characterization and DNA binding studies of penta- and hexa-coordinated diorganotin(IV) 4-(4-nitrophenyl)piperazine-1-carbodithioates. Journal of Organometallic Chemistry, 2009, 694, 1998-2004.	1.8	42
35	Gold copper alloy nanoparticles (Au-Cu NPs) modified electrode as an enhanced electrochemical sensing platform for the detection of persistent toxic organic pollutants. Electrochimica Acta, 2017, 241, 281-290.	5.2	42
36	Highly sensitive and selective electrochemical sensor for the trace level detection of mercury and cadmium. Electrochimica Acta, 2017, 258, 1397-1403.	5.2	42

#	Article	IF	Citations
37	Thiamine-functionalized silver nanoparticles for the highly selective and sensitive colorimetric detection of Hg²⁺ ions. New Journal of Chemistry, 2018, 42, 528-534.	2.8	40
38	Amino Acid-Fabricated Glassy Carbon Electrode for Efficient Simultaneous Sensing of Zinc(II), Cadmium(II), Copper(II), and Mercury(II) Ions. ACS Omega, 2019, 4, 22057-22068.	3.5	39
39	Methoxy poly (ethylene glycol)-block-poly (glutamic acid)-graft-6-(2-nitroimidazole) hexyl amine nanoparticles for potential hypoxia-responsive delivery of doxorubicin. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 40-54.	3.5	34
40	Facile synthesis of novel carbon dots@metal organic framework composite for remarkable and highly sustained oxygen evolution reaction. Journal of Alloys and Compounds, 2021, 856, 158038.	5.5	34
41	THERMODYNAMIC CHARACTERIZATION OF DEXAMETHASONE SODIUM PHOSPHATE AND ITS COMPLEX WITH DNA AS STUDIED BY CONDUCTOMETRIC AND SPECTROSCOPIC TECHNIQUES. Journal of the Chilean Chemical Society, 2009, 54, .	1.2	33
42	New supramolecular ferrocenyl amides: synthesis, characterization, and preliminary DNA-binding studies. Journal of Coordination Chemistry, 2012, 65, 969-979.	2.2	32
43	Simultaneous Femtomolar Detection of Paracetamol, Diclofenac, and Orphenadrine Using a Carbon Nanotube/Zinc Oxide Nanoparticle-Based Electrochemical Sensor. ACS Applied Nano Materials, 2021, 4, 4699-4712.	5.0	32
44	Scalable Synthesis of Sm₂O₃/Fe₂O₃ Hierarchical Oxygen Vacancy-Based Gyroid-Inspired Morphology: With Enhanced Electrocatalytic Activity for Oxygen Evolution Performance. Energy & Fuels, 2021, 35, 17820-17832.	5.1	32
45	Electrochemical oxidation of hydantoins at glassy carbon electrode. Electrochimica Acta, 2012, 80, 108-117.	5.2	30
46	Homobimetallic organotin(IV) complexes with hexadentate Schiff base: Synthesis, crystal structure and antimicrobial studies. Journal of Organometallic Chemistry, 2014, 759, 19-26.	1.8	30
47	Seed germination and biochemical profile of Silybum marianum exposed to monometallic and bimetallic alloy nanoparticles. IET Nanobiotechnology, 2016, 10, 359-366.	3.8	30
48	Synthesis, pH dependent photometric and electrochemical investigation, redox mechanism and biological applications of novel Schiff base and its metallic derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 176, 155-167.	3.9	30
49	Synthesis and biological applications of selenoureas. Applied Organometallic Chemistry, 2014, 28, 61-73.	3.5	29
50	Amino acid functionalized glassy carbon electrode for the simultaneous detection of thallium and mercuric ions. Electrochimica Acta, 2019, 321, 134658.	5.2	29
51	Silver and palladium nanoparticle embedded poly(n-isopropylacrylamide-co-2-acrylamido-2-methylpropane sulfonic acid) hybrid microgel catalyst with pH and temperature dependent catalytic activity. Korean Journal of Chemical Engineering, 2020, 37, 614-622.	2.7	29
52	pH Dependent Electrochemical Characterization, Computational Studies and Evaluation of Thermodynamic, Kinetic and Analytical Parameters of Two Phenazines. Journal of the Electrochemical Society, 2015, 162, H115-H123.	2.9	28
53	FeCoSe2 Nanoparticles Embedded in g-C3N4: A Highly Active and Stable bifunctional electrocatalyst for overall water splitting. Scientific Reports, 2020, 10, 6328.	3.3	28
54	Redox mechanism of lumazine at a glassy carbon electrode. Journal of Electroanalytical Chemistry, 2010, 647, 1-7.	3.8	27

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55	Antimicrobial constituents from three endophytic fungi. Asian Pacific Journal of Tropical Medicine, 2014, 7, S224-S227.	0.8	27
56	Surface, aggregation properties and antimicrobial activity of four novel thiourea-based non-ionic surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 464, 104-109.	4.7	26
57	Comparative Study of Kinetics of the Thermal Decomposition of Polypropylene Using Different Methods. Advances in Polymer Technology, 2018, 37, 1168-1175.	1.7	26
58	Highly Efficient Visible Light Active Doped ZnO Photocatalysts for the Treatment of Wastewater Contaminated with Dyes and Pathogens of Emerging Concern. Nanomaterials, 2022, 12, 486.	4.1	26
59	New homobimetallic organotin(IV) dithiocarbamates as potent antileishmanial agents. Journal of Coordination Chemistry, 2014, 67, 3414-3430.	2.2	25
60	Kinetics of the pyrolysis of cobalt-impregnated sesame stalk biomass. Biomass Conversion and Biorefinery, 2020, 10, 1179-1187.	4.6	25
61	Electrochemical behaviour of dimethyl-2-oxoglutarate on glassy carbon electrode. Bioelectrochemistry, 2010, 77, 145-150.	4.6	24
62	Fabrication of Nd3+ and Mn2+ ions Co-doped Spinal Strontium Nanoferrites for High Frequency Device Applications. Journal of Electronic Materials, 2016, 45, 4979-4988.	2.2	24
63	Marketability Prospects of Microbial Fuel Cells for Sustainable Energy Generation. Energy & Fuels, 2020, 34, 9108-9136.	5.1	24
64	Pyrolysis of almond shells waste: effect of zinc oxide on kinetics and product distribution. Biomass Conversion and Biorefinery, 2022, 12, 2583-2595.	4.6	24
65	Syntheses, structural characteristics, and antimicrobial activities of new organotin(IV) 3-(4-bromophenyl)-2-ethylacrylates. Journal of Coordination Chemistry, 2012, 65, 3766-3775.	2.2	23
66	Redox Mechanism and Evaluation of Kinetic and Thermodynamic Parameters of 1,3â€Dioxolo[4,5â€g]pyrido[2,3â€b]quinoxaline Using Electrochemical Techniques. Electroanalysis, 2014, 26, 2292-2300.	2.9	23
67	Probing the pH dependent electrochemistry of a novel quinoxaline carboxylic acid derivative at a glassy carbon electrode. Electrochimica Acta, 2014, 147, 121-128.	5.2	23
68	Surfactant modified glassy carbon electrode as an efficient sensing platform for the detection of Cd (ÓÓ) and Hg (ÓÓ). Electrochimica Acta, 2017, 235, 72-78.	5.2	23
69	A novel electrochemical nanosensor based on NH2-functionalized multi walled carbon nanotubes for the determination of catechol-orto-methyltransferase inhibitor entacapone. Journal of Pharmaceutical and Biomedical Analysis, 2019, 165, 73-81.	2.8	23
70	Tripeptide Derivative-Modified Glassy Carbon Electrode: A Novel Electrochemical Sensor for Sensitive and Selective Detection of Cd²⁺ Ions. ACS Omega, 2020, 5, 10123-10132.	3.5	23
71	Copper telluride nanowires for high performance electrocatalytic water oxidation in alkaline media. Journal of Power Sources, 2021, 491, 229628.	7.8	23
72	Kinetics of pyrolysis of sugarcane bagasse: effect of catalyst on activation energy and yield of pyrolysis products. Cellulose, 2021, 28, 7593-7607.	4.9	23

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73	pH Dependent Electrochemistry of Anthracenediones at a Glassy Carbon Electrode. Journal of the Electrochemical Society, 2015, 162, H157-H163.	2.9	22
74	Carbamazepine coated silver nanoparticles for the simultaneous electrochemical sensing of specific food toxins. Electrochimica Acta, 2018, 274, 131-142.	5.2	22
75	A novel electrochemical method for the detection of oxymetazoline drug based on MWCNTs and TiO2 nanoparticles. Journal of Electroanalytical Chemistry, 2019, 844, 58-65.	3.8	22
76	Highly porous and thermally stable tribopositive hybrid bimetallic cryogel to boost up the performance of triboelectric nanogenerators. International Journal of Energy Research, 2020, 44, 8442-8454.	4.5	22
77	Optical and morphological studies of transition metal doped ZnO nanorods and their applications in hybrid bulk heterojunction solar cells. Arabian Journal of Chemistry, 2017, 10, 1118-1124.	4.9	21
78	Electrochemical, spectroscopic and molecular docking studies on the interaction of calcium channel blockers with dsDNA. Bioelectrochemistry, 2019, 127, 12-20.	4.6	21
79	Electrochemical reduction mechanism of camptothecin at glassy carbon electrode. Bioelectrochemistry, 2010, 79, 173-178.	4.6	20
80	New dimeric and supramolecular mixed ligand Palladium(II) dithiocarbamates as potent DNA binders. Polyhedron, 2012, 39, 1-8.	2.2	20
81	Development of a Highly Sensitive Electrochemical Sensing Platform for the Trace Level Detection of Lead Ions. Journal of the Electrochemical Society, 2019, 166, B3136-B3142.	2.9	20
82	A review of the waterâ€“energyâ€“food nexus measurement and management approach. International Journal of Energy and Water Resources, 2019, 3, 361-374.	2.2	19
83	A Novel Electrochemical Sensing Platform for the Sensitive Detection and Degradation Monitoring of Methylene Blue. Catalysts, 2022, 12, 306.	3.5	19
84	Sensitive and Selective Detection of Multiple Metal Ions Using Amino Acids Modified Glassy Carbon Electrodes. Journal of the Electrochemical Society, 2018, 165, B67-B73.	2.9	18
85	Enhanced electrochemical properties of silver-coated zirconia nanoparticles for supercapacitor application. Journal of Taibah University for Science, 2021, 15, 10-16.	2.5	18
86	Enhanced Bio-Oil Yield from Thermal Decomposition of Peanut Shells Using Termite Hill as the Catalyst. Energies, 2022, 15, 1891.	3.1	18
87	Photochemistry and electrochemistry of anticancer uracils. Journal of Photochemistry and Photobiology B: Biology, 2012, 117, 269-277.	3.8	17
88	Homobimetallic zinc(II) dithiocarbamates: synthesis, characterization and in vivo antihyperglycemic activity. Journal of Coordination Chemistry, 2016, 69, 551-561.	2.2	17
89	Thermal decomposition study of polyvinyl chloride in the presence of commercially available oxides catalysts. Advances in Polymer Technology, 2018, 37, 2336-2343.	1.7	17
90	Development of tribenzamide functionalized electrochemical sensor for femtomolar level sensing of multiple inorganic water pollutants. Electrochimica Acta, 2020, 353, 136569.	5.2	17

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91	High Yield Synthesis, Detailed Spectroscopic Characterization and Electrochemical Fate of Novel Cationic Surfactants. Journal of Surfactants and Detergents, 2014, 17, 243-251.	2.1	16
92	pH-dependent redox mechanism and evaluation of kinetic and thermodynamic parameters of a novel anthraquinone. RSC Advances, 2014, 4, 31657-31665.	3.6	16
93	Synthesis and characterization of gum arabic microgels stabilizing metal based nanocatalysts for ultrafast catalytic reduction of 4-nitrophenol at ambient conditions. Journal of Environmental Chemical Engineering, 2019, 7, 103280.	6.7	16
94	Pyrolysis of polypropylene over zeolite mordenite ammonium: kinetics and products distribution. Journal of Polymer Engineering, 2019, 39, 785-793.	1.4	16
95	Calix[4]arene Derivative-Modified Glassy Carbon Electrode: A New Sensing Platform for Rapid, Simultaneous, and Picomolar Detection of Zn(II), Pb(II), As(III), and Hg(II). ACS Omega, 2019, 4, 16860-16866.	3.5	16
96	NH 2 â€Functionalized Multi Walled Carbon Nanotubes Decorated with ZnO Nanoparticles and Graphene Quantum Dots for Sensitive Assay of Pimozide. Electroanalysis, 2019, 31, 1083-1094.	2.9	16
97	Pyrolysis of polystyrene waste for recovery of combustible hydrocarbons using copper oxide as catalyst. Waste Management and Research, 2020, 38, 1269-1277.	3.9	16
98	A review of renewable energy generation using modified titania for photocatalytic water splitting. AIP Advances, 2020, 10, .	1.3	16
99	Synthesis, Characterization and Investigation of Different Properties of Three Novel Thioureaâ€Based Nonâ€ionic Surfactants. Journal of Surfactants and Detergents, 2014, 17, 1013-1019.	2.1	15
100	Organotin(IV) complexes of carboxylate derivative as potential chemotherapeutic agents against Leishmania. Inorganica Chimica Acta, 2014, 423, 220-228.	2.4	15
101	Antimicrobial activity of two mellein derivatives isolated from an endophytic fungus. Medicinal Chemistry Research, 2015, 24, 2111-2114.	2.4	15
102	Development of a Selective Electrochemical Sensing Platform for the Simultaneous Detection of Tl⁺, Cu²⁺, Hg²⁺, and Zn²⁺Ions. Journal of the Electrochemical Society, 2018, 165, B399-B406.	2.9	15
103	NH2-fMWCNT-titanium dioxide nanocomposite based electrochemical sensor for the voltammetric assay of antibiotic drug nadifloxacin and its in vitro permeation study. Journal of Electroanalytical Chemistry, 2020, 859, 113857.	3.8	15
104	Oxide Derived Copper for Electrochemical Reduction of CO2 to C2+ Products. Nanomaterials, 2022, 12, 1380.	4.1	15
105	Detailed Electrochemical Probing of a Biologically Active Isoquinoline. Journal of the Electrochemical Society, 2013, 160, H597-H603.	2.9	14
106	Syntheses, molecular structure, and electrochemical investigations of cobalt(II), copper(II), palladium(II), and zinc(II) complexes with 3-methylpyrazole. Journal of Coordination Chemistry, 2014, 67, 2425-2434.	2.2	14
107	Synthesis, spectroscopic characterization and pH dependent photometric and electrochemical fate of Schiff bases. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 138, 58-66.	3.9	14
108	Pyrolysis of polypropylene over a LZ-Y52 molecular sieve: kinetics and the product distribution. Iranian Polymer Journal (English Edition), 2019, 28, 839-847.	2.4	14

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109	The Interaction between DNA and Three Intercalating Anthracyclines Using Electrochemical DNA Nanobiosensor Based on Metal Nanoparticles Modified Screen-Printed Electrode. Micromachines, 2021, 12, 1337.	2.9	14
110	A new simple sensitive differential pulse polarographic method for the determination of acrylamide in aqueous solution. Talanta, 2008, 74, 1608-1614.	5.5	13
111	Synthesis and structural characterization of monomeric and polymeric supramolecular organotin(IV) 4-chlorophenylethanoates. Journal of Coordination Chemistry, 2014, 67, 1110-1120.	2.2	13
112	Simultaneous Ultrasensitive Detection of Toxic Heavy Metal Ions Using bis(imidazo[4,5-f][1,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Electrochemical Society, 2019, 166, B1719-B1726.	2.9	13
113	Decomposition Kinetics of Levofloxacin: Drug-Excipient Interaction. Zeitschrift Fur Physikalische Chemie, 2020, 234, 117-128.	2.8	13
114	Electrochemical sensing platform for the simultaneous femtomolar detection of amlodipine and atorvastatin drugs. RSC Advances, 2021, 11, 27135-27151.	3.6	13
115	Determination of Binding Parameters and Mode of Ferrocenyl Chalconeâ€“DNA Interaction. Bulletin of the Chemical Society of Japan, 2009, 82, 453-457.	3.2	12
116	New supramolecular ferrocenyl phenylguanidines as potent antimicrobial and DNA-binding agents. Journal of Coordination Chemistry, 2013, 66, 1959-1973.	2.2	12
117	Synthesis, Spectroscopic Characterization and pH Dependent Electrochemical Fate of Two Non-Ionic Surfactants. Journal of the Electrochemical Society, 2014, 161, H885-H890.	2.9	12
118	Droplet electrochemical study of the pH dependent redox behavior of novel ferrocenyl-carborane derivatives and its application in specific cancer cell recognition. Analytica Chimica Acta, 2015, 857, 39-45.	5.4	12
119	Supramolecular organotin(IV) dithiocarboxylates as potential antimicrobial agents. Journal of Coordination Chemistry, 2012, 65, 3238-3253.	2.2	11
120	Redox Behavior of a Derivative of Vitamin K at a Glassy Carbon Electrode. Journal of the Electrochemical Society, 2012, 159, G112-G116.	2.9	11
121	Redox behavior of a novel menadiol derivative at glassy carbon electrode. Electrochimica Acta, 2013, 88, 858-864.	5.2	11
122	Synthesis, Characterization and Effect of a Solvent Mixture on the CMC of a Thioâ€Based Novel Cationic Surfactant Using a UVâ€“Visible Spectroscopic Technique. Journal of Surfactants and Detergents, 2014, 17, 501-507.	2.1	11
123	Spectroscopic Analysis of Au-Cu Alloy Nanoparticles of Various Compositions Synthesized by a Chemical Reduction Method. Advances in Materials Science and Engineering, 2015, 2015, 1-8.	1.8	11
124	Humidity-sensing and DNA-binding ability of bis(4-benzylpiperazine-1-carbodithioato-k² S,Sâ€²)nickel(II). Journal of Coordination Chemistry, 2015, 68, 295-307.	2.2	11
125	One Pot Synthesis and Properties of Cationic Surfactants: nâ€Alkylâ€3â€Methylpyridinium Bromide. Journal of Surfactants and Detergents, 2016, 19, 841-848.	2.1	11
126	Development of transition metal based electrolyzer for efficient oxygen evolution reaction. Journal of Renewable and Sustainable Energy, 2020, 12, 024102.	2.0	11

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127	Electrochemical Characterization, Detoxification and Anticancer activity of Didodecyldimethylammonium Bromide. International Journal of Organic Chemistry, 2011, 01, 183-190.	0.7	10
128	Synthesis, Spectroscopic Characterization, pH Dependent Electrochemistry and Computational Studies of Piperazinic Compounds. Journal of the Electrochemical Society, 2015, 162, H32-H39.	2.9	10
129	Synthesis, Characterization, and Micellization Behavior of Cationic Surfactants: nâ€Alkylâ€3â€Methylpyridinium Bromides and Their Drug Interaction Study by UVâ€“Visible Spectroscopy and Conductometry. Journal of Surfactants and Detergents, 2019, 22, 625-632.	2.1	10
130	Development of the electrochemical, spectroscopic and molecular docking approaches toward the investigation of interaction between DNA and anti-leukemic drug azacytidine. Bioelectrochemistry, 2022, 146, 108135.	4.6	10
131	Designing of new cationic surfactant based micellar systems as drug carriers: an investigation into the drug cell membrane interactions. Journal of Dispersion Science and Technology, 2019, 40, 958-968.	2.4	9
132	Sensitive Nucleic Acid Detection at NH 2 â€MWCNTs Modified Glassy Carbon Electrode and its Application for Monitoring of Gemcitabineâ€ĐNA Interaction. Electroanalysis, 2020, 32, 912-922.	2.9	9
133	Pyrolysis of waste tire rubber: a comparative kinetic study using different models. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-11.	2.3	9
134	Electrochemical detection of mercuric(<scp>ii</scp>) ions in aqueous media using glassy carbon electrode modified with synthesized tribenzamides and silver nanoparticles. RSC Advances, 2022, 12, 1682-1693.	3.6	9
135	Conversion of Polypropylene Waste into Value-Added Products: A Greener Approach. Molecules, 2022, 27, 3015.	3.8	9
136	Detailed Electrochemistry of the Environmental Toxin Ethylene Diamine. Journal of the Electrochemical Society, 2014, 161, H370-H374.	2.9	8
137	Detection of Copper Ions by a Simple, Greener and Cost Effective Sensor with GCE Modified with L-Tryptophan. Journal of the Electrochemical Society, 2020, 167, 027506.	2.9	8
138	Fabrication of rGO/SrSeO₄ nanocomposite as an electrode material with enhanced specific power for supercapacitor applications. Journal of Taibah University for Science, 2021, 15, 357-366.	2.5	8
139	A reliable sensing platform based on tribenzamide for sensitive and selective detection of Pb (II) ions. Inorganic Chemistry Communication, 2022, 138, 109261.	3.9	8
140	A designed miniature sensor for the trace level detection and degradation studies of the toxic dye Rhodamine B. RSC Advances, 2022, 12, 15658-15669.	3.6	8
141	Fast voltammetric assay of water soluble phthalates in bottled and coolers water. Analytical Methods, 2010, 2, 844.	2.7	7
142	New Supramolecular Triorganotin(IV) Dithiocarboxylates as Potential Antibacterial Agents. Heteroatom Chemistry, 2012, 23, 560-567.	0.7	7
143	Interaction of antihypertensive acetazolamide with nonsteroidal anti-inflammatory drugs. Journal of Photochemistry and Photobiology B: Biology, 2013, 125, 155-163.	3.8	7
144	Synthesis, Characterization, and Computational Study of New Ferroceneâ€Based Schiff Bases as Potential Nonionic Surfactants. Journal of Surfactants and Detergents, 2019, 22, 897-906.	2.1	7

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145	Monitoring of Anthracene Using Nanoscale Auâ€“Cu Bimetallic Alloy Nanoparticles Synthesized with Various Compositions. ACS Omega, 2020, 5, 22494-22501.	3.5	7
146	Bimetallic cobaltâ€“iron diselenide nanorod modified glassy carbon electrode: an electrochemical sensing platform for the selective detection of isoniazid. RSC Advances, 2021, 11, 12649-12657.	3.6	6
147	Electrochemical Biosensor Design with Multiâ€walled Carbon Nanotube to Display DNAâ€Schiff Base Interaction. Electroanalysis, 2021, 33, 1761-1770.	2.9	6
148	Visible-light-driven zirconium oxide/cadmium sulfide nanocomposite for degradation of textile dyes. International Journal of Environmental Science and Technology, 2022, 19, 4037-4046.	3.5	6
149	Electrochemical Investigation of Naâ€Salt of 2â€Methylâ€3â€(4â€nitrophenyl)acrylate on Glassy Carbon Electrode. Electroanalysis, 2010, 22, 121-127.	2.9	5
150	Biological activity, pH dependent redox behavior and UVâ€“Vis spectroscopic studies of naphthalene derivatives. Journal of Photochemistry and Photobiology B: Biology, 2014, 140, 173-181.	3.8	5
151	Synthesis, spectroscopic characterization, pH dependent redox mechanism and DNA binding behavior of chlorohydroxyaniline derivatives. RSC Advances, 2014, 4, 22299-22307.	3.6	5
152	Synthesis and Spectrophotometric Study of Toxic Metals Extraction by Novel Thio-Based Non-Ionic Surfactant. Tenside, Surfactants, Detergents, 2015, 52, 406-413.	1.2	5
153	pH and temperature responsive redox behavior of biologically important aniline derivatives. RSC Advances, 2015, 5, 64617-64625.	3.6	5
154	pH and Temperature Responsive Electrooxidation and Antioxidant Activity of Indole-3-Carbaldehyde. Journal of the Electrochemical Society, 2016, 163, H690-H696.	2.9	5
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