

Parviz Norouzi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3991371/parviz-norouzi-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

395
papers

10,160
citations

49
h-index

72
g-index

414
ext. papers

10,948
ext. citations

4
avg, IF

6.47
L-index

#	Paper	IF	Citations
395	A new molecularly imprinted polymer (MIP)-based electrochemical sensor for monitoring 2,4,6-trinitrotoluene (TNT) in natural waters and soil samples. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 1166-72	11.8	204
394	Development of dispersive liquid-liquid microextraction combined with gas chromatography-mass spectrometry as a simple, rapid and highly sensitive method for the determination of phthalate esters in water samples. <i>Journal of Chromatography A</i> , 2007 , 1172, 105-12	4.5	164
393	Electrochemical study of a novel high performance supercapacitor based on MnO ₂ /nitrogen-doped graphene nanocomposite. <i>Applied Surface Science</i> , 2016 , 366, 552-560	6.7	144
392	Sample preparation method for the analysis of some organophosphorus pesticides residues in tomato by ultrasound-assisted solvent extraction followed by dispersive liquid-liquid microextraction. <i>Food Chemistry</i> , 2011 , 126, 1840-4	8.5	142
391	Schiff's Bases and Crown Ethers as Supramolecular Sensing Materials in the Construction of Potentiometric Membrane Sensors. <i>Sensors</i> , 2008 , 8, 1645-1703	3.8	139
390	A novel high selective and sensitive para-nitrophenol voltammetric sensor, based on a molecularly imprinted polymer-carbon paste electrode. <i>Talanta</i> , 2009 , 79, 1197-203	6.2	125
389	A high performance supercapacitor based on a ceria/graphene nanocomposite synthesized by a facile sonochemical method. <i>RSC Advances</i> , 2015 , 5, 46050-46058	3.7	122
388	Screening method for phthalate esters in water using liquid-phase microextraction based on the solidification of a floating organic microdrop combined with gas chromatography-mass spectrometry. <i>Talanta</i> , 2008 , 76, 718-23	6.2	116
387	Development of a voltammetric sensor based on a molecularly imprinted polymer (MIP) for caffeine measurement. <i>Electrochimica Acta</i> , 2010 , 55, 1568-1574	6.7	111
386	Selective determination of chloramphenicol at trace level in milk samples by the electrode modified with molecularly imprinted polymer. <i>Food Chemistry</i> , 2012 , 130, 1108-1114	8.5	110
385	Oxidation of cyclohexene with tert-butylhydroperoxide catalyzed by host (nanocavity of zeolite-Y)/guest (Mn(II), Co(II), Ni(II) and Cu(II) complexes of N,N'-bis(salicylidene)phenylene-1,3-diamine) nanocomposite materials (HGNNM). <i>Journal of Molecular Catalysis A</i> , 2007 , 261, 147-155		109
384	Determination of Pb ²⁺ ions by a modified carbon paste electrode based on multi-walled carbon nanotubes (MWCNTs) and nanosilica. <i>Journal of Hazardous Materials</i> , 2010 , 173, 415-9	12.8	107
383	Biosensors and their applications in detection of organophosphorus pesticides in the environment. <i>Archives of Toxicology</i> , 2017 , 91, 109-130	5.8	97
382	Molecularly imprinted polymer based potentiometric sensor for the determination of hydroxyzine in tablets and biological fluids. <i>Analytica Chimica Acta</i> , 2008 , 612, 65-74	6.6	97
381	Recent advances in biosensor technology in assessment of early diabetes biomarkers. <i>Biosensors and Bioelectronics</i> , 2018 , 99, 122-135	11.8	94
380	Surface amplification of pencil graphite electrode with polypyrrole and reduced graphene oxide for fabrication of a guanine/adenine DNA based electrochemical biosensors for determination of didanosine anticancer drug. <i>Applied Surface Science</i> , 2018 , 441, 55-60	6.7	91
379	Developments in the Field of Conducting and Non-conducting Polymer Based Potentiometric Membrane Sensors for Ions Over the Past Decade. <i>Sensors</i> , 2008 , 8, 2331-2412	3.8	84

378	Fourier transform cyclic voltammetric technique for monitoring ultratrace amounts of salbutamol at gold ultra microelectrode in flowing solutions. <i>Talanta</i> , 2005 , 66, 1225-33	6.2	79
377	Application of genetic algorithm-support vector machine (GA-SVM) for prediction of BK-channels activity. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 5023-8	6.8	76
376	Ionic-liquid/NH ₂ -MWCNTs as a highly sensitive nano-composite for catalase direct electrochemistry. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 1301-6	11.8	74
375	Carcinoembryonic antigen admittance biosensor based on Au and ZnO nanoparticles using FFT admittance voltammetry. <i>Analytical Chemistry</i> , 2011 , 83, 1564-70	7.8	73
374	Investigation of different linear and nonlinear chemometric methods for modeling of retention index of essential oil components: concerns to support vector machine. <i>Journal of Hazardous Materials</i> , 2009 , 166, 853-9	12.8	72
373	Molecular interaction of human serum albumin with paracetamol: spectroscopic and molecular modeling studies. <i>International Journal of Biological Macromolecules</i> , 2009 , 45, 129-34	7.9	69
372	A turn-on fluorescent sensor for Zn ²⁺ based on new Schiff's base derivative in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2014 , 198, 411-415	8.5	68
371	Electrochemical preparation of MnO ₂ nanobelts through pulse base-electrogeneration and evaluation of their electrochemical performance. <i>Applied Surface Science</i> , 2016 , 364, 141-147	6.7	67
370	Application of graphite screen printed electrode modified with dysprosium tungstate nanoparticles in voltammetric determination of epinephrine in the presence of acetylcholine. <i>Journal of Rare Earths</i> , 2018 , 36, 750-757	3.7	66
369	Carbon Paste Electrode Modified with Functionalized Nanoporous Silica Gel as a New Sensor for Determination of Silver Ion. <i>Electroanalysis</i> , 2007 , 19, 1307-1314	3	66
368	Use of organofunctionalized nanoporous silica gel to improve the lifetime of carbon paste electrode for determination of copper(II) ions. <i>Analytica Chimica Acta</i> , 2007 , 601, 172-82	6.6	66
367	Interaction study of pioglitazone with albumin by fluorescence spectroscopy and molecular docking. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 78, 96-101	4.4	65
366	Amplified nanostructure electrochemical sensor for simultaneous determination of captopril, acetaminophen, tyrosine and hydrochlorothiazide. <i>Materials Science and Engineering C</i> , 2017 , 73, 472-477	8.3	63
365	A novel Er(III) sensor based on a new hydrazone for the monitoring of Er(III) ions. <i>Sensors and Actuators B: Chemical</i> , 2006 , 120, 119-124	8.5	63
364	Facile sonochemical synthesis and electrochemical investigation of ceria/graphene nanocomposites. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2362-2370	7.3	62
363	A novel method for preparation of bare and poly(vinylpyrrolidone) coated superparamagnetic iron oxide nanoparticles for biomedical applications. <i>Materials Letters</i> , 2016 , 179, 5-8	3.3	62
362	Novel lanthanum(III) membrane sensor based on a new N-S Schiff's base. <i>Sensors and Actuators B: Chemical</i> , 2004 , 98, 92-96	8.5	60
361	Novel label-free electrochemical aptasensor for determination of Diazinon using gold nanoparticles-modified screen-printed gold electrode. <i>Biosensors and Bioelectronics</i> , 2018 , 120, 122-128	11.8	58

360	Facile preparation of MnO ₂ nanorods and evaluation of their supercapacitive characteristics. <i>Applied Surface Science</i> , 2016 , 364, 726-731	6.7	57
359	QSRR Study of GC Retention Indices of Essential-Oil Compounds by Multiple Linear Regression with a Genetic Algorithm. <i>Chromatographia</i> , 2008 , 67, 917-922	2.1	57
358	Sonochemical preparation of a ytterbium oxide/reduced graphene oxide nanocomposite for supercapacitors with enhanced capacitive performance. <i>RSC Advances</i> , 2016 , 6, 51211-51220	3.7	55
357	Supramolecular Based Membrane Sensors. <i>Sensors</i> , 2006 , 6, 1018-1086	3.8	54
356	Synthesis of N'-(1-pyridin-2-ylmethylene)-2-furohydrazide and its application in construction of a highly selective PVC-based membrane sensor for La(III) ions. <i>Analytical Sciences</i> , 2006 , 22, 943-8	1.7	54
355	Fabrication of a highly selective Eu(III) membrane sensor based on a new $\text{S}_{\text{N}}1$ hexadentates Schiff's base. <i>Sensors and Actuators B: Chemical</i> , 2007 , 120, 673-678	8.5	53
354	Modification of Carbon Paste Electrode Based on Molecularly Imprinted Polymer for Electrochemical Determination of Diazinon in Biological and Environmental Samples. <i>Electroanalysis</i> , 2017 , 29, 708-715	3	52
353	Electrochemical platform for simultaneous determination of levodopa, acetaminophen and tyrosine using a graphene and ferrocene modified carbon paste electrode. <i>Mikrochimica Acta</i> , 2017 , 184, 3281-3289	5.8	51
352	Synthesis of a novel magnetite/nitrogen-doped reduced graphene oxide nanocomposite as high performance supercapacitor. <i>Powder Technology</i> , 2016 , 302, 298-308	5.2	51
351	Synthesis and characterization of new proton conducting hybrid membranes for PEM fuel cells based on poly(vinyl alcohol) and nanoporous silica containing phenyl sulfonic acid. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 13310-13316	6.7	51
350	A Biomimetic Potentiometric Sensor Using Molecularly Imprinted Polymer for the Cetirizine Assay in Tablets and Biological Fluids. <i>Electroanalysis</i> , 2008 , 20, 2023-2030	3	51
349	Fast Fourier Continuous Cyclic Voltammetry at Gold Ultramicroelectrode in Flowing Solution for Determination of Ultra Trace Amounts of Penicillin G. <i>Electroanalysis</i> , 2006 , 18, 947-954	3	51
348	High-Frequency Impedance Spectroscopy of Platinum Ultramicroelectrodes in Flowing Solutions. <i>Analytical Chemistry</i> , 1998 , 70, 2895-2901	7.8	50
347	Determination of gadolinium(III) ions in soil and sediment samples by a novel gadolinium membrane sensor based on 6-methyl-4-[[1-(2-thienyl)methylidene]amino]3-thioxo-3,4-dihydro-1,2,4-triazin-5-(2H)-one. <i>Analytica Chimica Acta</i> , 2007 , 588, 51-57	6.6	50
346	Saccharide-coated superparamagnetic Fe ₃ O ₄ nanoparticles (SPIONs) for biomedical applications: An efficient and scalable route for preparation and in situ surface coating through cathodic electrochemical deposition (CED). <i>Materials Letters</i> , 2017 , 189, 290-294	3.3	49
345	Detection of <i>Aeromonas hydrophila</i> DNA oligonucleotide sequence using a biosensor design based on Ceria nanoparticles decorated reduced graphene oxide and Fast Fourier transform square wave voltammetry. <i>Analytica Chimica Acta</i> , 2015 , 895, 80-8	6.6	49
344	Co(OH) ₂ nanoplates with excellent supercapacitive performance: Electrochemical preparation and characterization. <i>Materials Letters</i> , 2016 , 184, 223-226	3.3	47
343	Separation and preconcentration system based on microextraction with ionic liquid for determination of copper in water and food samples by stopped-flow injection spectrofluorimetry. <i>Food and Chemical Toxicology</i> , 2011 , 49, 1086-91	4.7	47

342	Physioelectrochemical investigation of the supercapacitive performance of a ternary nanocomposite by common electrochemical methods and fast Fourier transform voltammetry. <i>New Journal of Chemistry</i> , 2015 , 39, 9454-9460	3.6	46
341	Voltammetric determination of ultratrace levels of cerium(III) using a carbon paste electrode modified with nano-sized cerium-imprinted polymer and multiwalled carbon nanotubes. <i>Mikrochimica Acta</i> , 2016 , 183, 1123-1130	5.8	46
340	Electrochemical preparation and evaluation of the supercapacitive performance of MnO ₂ nanoworms. <i>Materials Letters</i> , 2016 , 167, 153-156	3.3	46
339	Determination of terbium(III) ions in phosphate rock samples by a Tb ³⁺ -BVC membrane sensor based on N, N-Dimethyl-N', N'-bis(4-methoxyphenyl)phosphoramidate. <i>Materials Science and Engineering C</i> , 2008 , 28, 1489-1494	8.3	46
338	Studying the supercapacitive behavior of a polyaniline/nano-structural manganese dioxide composite using fast Fourier transform continuous cyclic voltammetry. <i>RSC Advances</i> , 2015 , 5, 20446-20452	2.7	45
337	Dispersive liquid-liquid microextraction followed by spectrofluorimetry as a simple and accurate technique for determination of thiamine (vitamin B1). <i>Mikrochimica Acta</i> , 2010 , 168, 317-324	5.8	45
336	Fabrication of a novel holmium(III) PVC membrane sensor based on 4-chloro-1,2-bis(2-pyridinecarboxamido)benzene as a neutral ionophore. <i>Journal of Applied Electrochemistry</i> , 2007 , 37, 853-859	2.6	45
335	Highly selective and sensitive monohydrogen phosphate membrane sensor based on molybdenum acetylacetonate. <i>Analytica Chimica Acta</i> , 2006 , 567, 196-201	6.6	45
334	Synthesis, experimental, quantum chemical and molecular dynamics study of carbon steel corrosion inhibition effect of two Schiff bases in HCl solution. <i>Journal of Molecular Liquids</i> , 2019 , 285, 626-639	6	44
333	Selective recognition of monohydrogen phosphate by fluorescence enhancement of a new cerium complex. <i>Analytica Chimica Acta</i> , 2011 , 708, 107-10	6.6	44
332	Sub-second adsorption for sub-nanomolar monitoring of metoclopramide by fast stripping continuous cyclic voltammetry. <i>Electrochemistry Communications</i> , 2005 , 7, 333-338	5.1	44
331	2D and 3D quantitative structure-activity relationship study of hepatitis C virus NS5B polymerase inhibitors by comparative molecular field analysis and comparative molecular similarity indices analysis methods. <i>Journal of Chemical Information and Modeling</i> , 2014 , 54, 2902-14	6.1	43
330	Quantitation of atorvastatin in human plasma using directly suspended acceptor droplet in liquid-liquid-liquid microextraction and high-performance liquid chromatography-ultraviolet detection. <i>Talanta</i> , 2009 , 80, 1001-6	6.2	43
329	A Novel Holmium(III) Membrane Sensor Based on N-(1-Thien-2-Ylmethylene)-1,3-Benzothiazol-2-Amine. <i>Analytical Letters</i> , 2006 , 39, 1075-1086	2.2	43
328	Template-free preparation of vertically-aligned Mn ₃ O ₄ nanorods as high supercapacitive performance electrode material. <i>Thin Solid Films</i> , 2017 , 634, 24-32	2.2	42
327	Application of Novel Praseodymium (III) PVC-Membrane Electrode for Determination of Pr(III) Ions in Soil and Sediment Samples. <i>Analytical Letters</i> , 2008 , 41, 902-916	2.2	42
326	Spectroscopic studies of the effects of glycation of human serum albumin on L-Trp binding. <i>Protein and Peptide Letters</i> , 2007 , 14, 13-8	1.9	42
325	Novel Ytterbium(III) Selective Membrane Sensor Based on N-(2-Pyridyl)-N'-(2-Methoxyphenyl)-Thiourea as an Excellent Carrier and Its Application to Determination of Fluoride in Mouth Wash Preparation Samples. <i>Electroanalysis</i> , 2005 , 17, 1534-1539	3	42

324	Statistically optimized synthesis of dyspersium tungstate nanoparticles as photocatalyst. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 12860-12868	2.1	41
323	A novel dichromate-sensitive fluorescent nano-chemosensor using new functionalized SBA-15. <i>Analytica Chimica Acta</i> , 2012 , 715, 80-5	6.6	41
322	Determination of picomolar silver concentrations by differential pulse anodic stripping voltammetry at a carbon paste electrode modified with phenylthiourea-functionalized high ordered nanoporous silica gel. <i>Electrochimica Acta</i> , 2009 , 54, 5381-5386	6.7	41
321	Solid drop based liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2010 , 1217, 2337-41	4.5	41
320	Novel method for fast determination of ultra trace amounts of timolol maleate by continuous cyclic voltammetry at Au microelectrode in flowing injection systems. <i>Sensors and Actuators B: Chemical</i> , 2005 , 110, 239-245	8.5	41
319	Label-free electrochemical immunosensor for direct detection of Citrus tristeza virus using modified gold electrode. <i>Sensors and Actuators B: Chemical</i> , 2017 , 244, 211-216	8.5	40
318	A dysprosium nanowire modified carbon paste electrode for determination of levodopa using fast Fourier transformation square-wave voltammetry method. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 68, 27-32	6	40
317	Determination of cerium(III) ions in soil and sediment samples by Ce(III) PVC-based membrane electrode based on 2,5-dioxo-4-imidazolidinyl. <i>International Journal of Environmental Analytical Chemistry</i> , 2008 , 88, 353-362	1.8	40
316	Determination of neodymium(III) ions in soil and sediment samples by a novel neodymium(III) sensor based on benzyl bithiosemicarbazone. <i>Electrochimica Acta</i> , 2007 , 53, 1870-1876	6.7	39
315	Application of GA-MLR, GA-PLS and the DFT quantum mechanical (QM) calculations for the prediction of the selectivity coefficients of a histamine-selective electrode. <i>Sensors and Actuators B: Chemical</i> , 2008 , 132, 13-19	8.5	39
314	Prediction of electrode potentials of some quinone derivatives in acetonitrile. <i>Computational and Theoretical Chemistry</i> , 2003 , 625, 235-241		39
313	Strontium PVC-membrane sensor based on 2-[(2-mercaptophenylimino)methyl]phenol. <i>Materials Science and Engineering C</i> , 2008 , 28, 157-163	8.3	38
312	Fe(III) Ion-Selective Membrane Electrode Based on 4-Amino-6-methyl-3-methylmercapto-1,2,4-triazin-5-one. <i>Analytical Letters</i> , 2007 , 40, 1596-1609	2.2	38
311	Fast Monitoring of Nano-Molar Level of Gentamycin by Fast Fourier Transform Continuous Cyclic Voltammetry in Flowing Solution. <i>Analytical Letters</i> , 2006 , 39, 1941-1953	2.2	38
310	Sub-Second Accumulation and Stripping for Pico-Level Monitoring of Amikacin Sulphate by Fast Fourier Transform Cyclic Voltammetry at a Gold Microelectrode in Flow-Injection Systems. <i>Mikrochimica Acta</i> , 2005 , 152, 123-129	5.8	38
309	Synthesis of cross-linked graphene aerogel/Fe ₂ O ₃ nanocomposite with enhanced supercapacitive performance. <i>Ceramics International</i> , 2016 , 42, 12097-12104	5.1	38
308	Highly selective electrochemical biosensor for the determination of folic acid based on DNA modified-pencil graphite electrode using response surface methodology. <i>Materials Science and Engineering C</i> , 2013 , 33, 1753-8	8.3	37
307	A novel method for fast determination of ranitidine in its pharmaceutical formulations by fast continuous cyclic voltammetry. <i>Journal of Pharmacological and Toxicological Methods</i> , 2007 , 55, 289-96	1.7	37

306	Room Temperature Ionic Liquids (RTILs) and Multiwalled Carbon Nanotubes (MWCNTs) as Modifiers for Improvement of Carbon Paste Ion Selective Electrode Response; A Comparison Study with PVC Membrane. <i>Electroanalysis</i> , 2009 , 21, 2175-2178	3	36
305	A computational approach to studying monomer selectivity towards the template in an imprinted polymer. <i>Journal of Molecular Modeling</i> , 2009 , 15, 829-36	2	36
304	Fabrication of carbon nanotube and dysprosium nanowire modified electrodes as a sensor for determination of curcumin. <i>Journal of Applied Electrochemistry</i> , 2009 , 39, 1983-1992	2.6	36
303	A New Pentadentate S-N Schiff's Base as a Novel Ionophore in Construction of a Novel Gd(III) Membrane Sensor. <i>Electroanalysis</i> , 2005 , 17, 2032-2036	3	36
302	Ultra-trace detection of methamphetamine in biological samples using FFT-square wave voltammetry and nano-sized imprinted polymer/MWCNTs -modified electrode. <i>Talanta</i> , 2019 , 200, 115-123	6.2	35
301	Selective recognition histidine and tryptophan by enhanced chemiluminescence ZnSe quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2015 , 210, 349-354	8.5	35
300	Cr(III) Ion-Selective Membrane Sensor Based on 1,3-Diamino-2-Hydroxypropane-N,N,N',N' Tetraacetic Acid. <i>Sensor Letters</i> , 2007 , 5, 516-521	0.9	35
299	Cobalt(II) Ion Detection in Electroplating Wastewater by a New Cobalt Ion-Selective Electrode Based on N'-[1-(2-thienyl)ethylidene]-2-furohydrazide. <i>Sensor Letters</i> , 2007 , 5, 522-527	0.9	35
298	Cerium(III) Ion Sensing Based on Graphene Quantum Dots Fluorescent Turn-Off. <i>Journal of Fluorescence</i> , 2017 , 27, 331-338	2.4	34
297	Electrochemical behavior of caffeic acid at single-walled carbon nanotube:graphite-based electrode. <i>Biophysical Chemistry</i> , 2007 , 128, 30-7	3.5	34
296	A novel iron (III)-PVC membrane potentiometric sensor based on N-(2-hydroxyethyl)ethylenediamine-N,N',N"-triacetic acid. <i>Materials Science and Engineering C</i> , 2008 , 28, 1551-1555	8.3	34
295	A novel permanganate-sensitive fluorescent nano-chemosensor assembled with a new 8-hydroxyquinoline-functionalized SBA-15. <i>Talanta</i> , 2012 , 88, 684-8	6.2	33
294	Fabrication of a highly selective and sensitive Gd(III)-PVC membrane sensor based on N-(2-pyridyl)-N'-(4-nitrophenyl)thiourea. <i>Sensors and Actuators B: Chemical</i> , 2007 , 120, 487-493	8.5	33
293	Sm ³⁺ Potentiometric Membrane Sensor as a Probe for Determination of Some Pharmaceuticals. <i>Electroanalysis</i> , 2008 , 20, 2663-2670	3	33
292	Novel erbium (III)-selective fluorimetric bulk optode. <i>Sensors and Actuators B: Chemical</i> , 2009 , 142, 90-968.5		32
291	Determination of diclofenac on a dysprosium nanowire- modified carbon paste electrode accomplished in a flow injection system by advanced filtering. <i>Sensors</i> , 2009 , 9, 7903-18	3.8	31
290	Multi-walled carbon nanotubes (MWCNTs) and room temperature ionic liquids (RTILs) carbon paste Er(III) sensor based on a new derivative of dansyl chloride. <i>Electrochimica Acta</i> , 2009 , 55, 234-239	6.7	31
289	Chaperone activities of bovine and camel beta-caseins: Importance of their surface hydrophobicity in protection against alcohol dehydrogenase aggregation. <i>International Journal of Biological Macromolecules</i> , 2008 , 42, 392-9	7.9	31

288	Determination of Vanadyl Ions by a New PVC Membrane Sensor Based on N, N'-bis-(Salicylidene)-2,2-Dimethylpropane-1,3-Diamine. <i>IEEE Sensors Journal</i> , 2007 , 7, 544-550	4	31
287	Lanthanide Recognition: an Asymmetric Erbium Microsensor Based on a Hydrazone Derivative. <i>Sensors</i> , 2007 , 7, 3119-3135	3.8	31
286	A fluorescent aptasensor for sensitive analysis oxytetracycline based on silver nanoclusters. <i>Luminescence</i> , 2016 , 31, 1339-1343	2.5	31
285	Electrochemical and theoretical study of the inhibition effect of two synthesized thiosemicarbazide derivatives on carbon steel corrosion in hydrochloric acid solution. <i>RSC Advances</i> , 2015 , 5, 20838-20847	3.7	30
284	Biomimetic electrochemical sensor based on molecularly imprinted polymer for dicloran pesticide determination in biological and environmental samples. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 2077-2084	2	30
283	Preconcentration and Trace Determination of Chromium Using Modified Ionic Liquid Cold-Induced Aggregation Dispersive Liquid-Liquid Microextraction: Application to Different Water and Food Samples. <i>Food Analytical Methods</i> , 2013 , 6, 1398-1406	3.4	30
282	Synthesis, characterization and photocatalytic activity of neodymium carbonate and neodymium oxide nanoparticles. <i>Journal of Molecular Structure</i> , 2017 , 1150, 411-418	3.4	30
281	QSAR study on melanocortin-4 receptors by support vector machine. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 1087-93	6.8	30
280	Novel method for determination of trace amounts of citalopram in tablets by fast fourier continuous cyclic voltammetry at au microelectrode in flowing solutions. <i>Journal of the Brazilian Chemical Society</i> , 2007 , 18, 231-238	1.5	30
279	Coulometric differential FFT admittance voltammetry determination of Amlodipine in pharmaceutical formulation by nano-composite electrode. <i>Talanta</i> , 2015 , 131, 577-84	6.2	29
278	Iron-Based Nanomaterials/Graphene Composites for Advanced Electrochemical Sensors. <i>Nanomaterials</i> , 2017 , 7,	5.4	29
277	Electrochemical investigation of functionalized graphene aerogel with different amount of p-phenylenediamine as an advanced electrode material for supercapacitors. <i>Materials Research Express</i> , 2016 , 3, 075501	1.7	29
276	Molecularly Imprinted Polymers for Selective Solid-Phase Extraction of Verapamil from Biological Fluids and Human Urine. <i>Current Pharmaceutical Analysis</i> , 2009 , 5, 269-276	0.6	29
275	Alteration of hepatocellular antioxidant gene expression pattern and biomarkers of oxidative damage in diazinon-induced acute toxicity in Wistar rat: A time-course mechanistic study. <i>EXCLI Journal</i> , 2018 , 17, 57-71	2.4	29
274	Simple and effective label free electrochemical immunosensor for Fig mosaic virus detection. <i>Analytical Biochemistry</i> , 2019 , 566, 102-106	3.1	29
273	Determination of terbium in phosphate rock by Tb ³⁺ -selective fluorimetric optode based on dansyl derivative as a neutral fluorogenic ionophore. <i>Analytica Chimica Acta</i> , 2010 , 664, 172-7	6.6	28
272	Perchlorate-selective membrane sensors based on two nickel-hexaazamacrocyclic complexes. <i>Sensors and Actuators B: Chemical</i> , 2007 , 120, 494-499	8.5	28
271	Lanthanide Recognition: Monitoring of Praseodymium(III) by a Novel Praseodymium(III) Microsensor Based on N,N'-(Pyridin-2-Ylmethylene)Benzohydrazide. <i>IEEE Sensors Journal</i> , 2007 , 7, 1138-1144	4	28

270	Quantitative structure-activity relationship (QSAR) study of interleukin-1 receptor associated kinase 4 (IRAK-4) inhibitor activity by the genetic algorithm and multiple linear regression (GA-MLR) method. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010 , 25, 844-53	5.6	27
269	Selective determination of penicillamine by on-line vapor-phase generation combined with Fourier transform infrared spectrometry. <i>Talanta</i> , 2009 , 78, 584-9	6.2	27
268	Sub-second adsorptive fast Fourier transform coulometric technique as a novel method for the determination of nanomolar concentrations of sodium valproate in its pharmaceutical preparation in flowing solution systems. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 1068-74	11.8	27
267	Synthesis, characterization and liquid phase oxidation of cyclohexanol using tert-butylhydroperoxide over host (zeolite-Y)/guest (copper(II) complexes of 12- and 13-membered diaza dioxo Schiff-base macrocyclic ligand) nanocomposite materials (HGNN). <i>Journal of Molecular Catalysis</i> , 2007 , 221, 102-11		27
266	Bis(macrocyclic)dinickel(II) complexes containing phenylene bridges between 13-membered triaza dioxo macrocyclic ligands: in-situ one pot template synthesis, characterization and catalytic oxidation of cyclohexene. <i>Transition Metal Chemistry</i> , 2007 , 32, 9-15	2.1	27
265	Nano-level monitoring of ytterbium(III) by a novel ytterbium(III) membrane sensor based on 3-hydroxy-N ² -(2-hydroxyphenyl) methylene]-2-naphthohydrazide. <i>Sensors and Actuators B: Chemical</i> , 2006 , 114, 855-860	8.5	27
264	A Novel Cobalt-Sensitive Fluorescent Chemosensor Based on Ligand Capped CdS Quantum Dots. <i>Journal of Fluorescence</i> , 2015 , 25, 613-9	2.4	26
263	Assay of Total Mercury in Commercial Food Supplements of Marine Origin by Means of DLLME/ICP-AES. <i>Food Analytical Methods</i> , 2012 , 5, 695-701	3.4	26
262	Pyrophosphate selective recognition in aqueous solution based on fluorescence enhancement of a new aluminium complex. <i>Journal of Fluorescence</i> , 2011 , 21, 1509-13	2.4	26
261	Direct electrochemistry of cytochrome c on electrodeposited nickel oxide nanoparticles. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 614, 83-92	4.1	26
260	Ion recognition: application of symmetric and asymmetric schiff bases and their complexes for the fabrication of cationic and anionic membrane sensors to determine ions in real samples. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007 , 10, 527-46	1.3	26
259	Novel Lu(III) membrane sensor based on a new asymmetrically Schiff's base. <i>Sensors and Actuators B: Chemical</i> , 2006 , 120, 194-199	8.5	26
258	Novel PVC-based copper(II) membrane sensor based on 2-(1'-(4'-(1''-hydroxy-2''-naphthyl)methyleneamino)butyl iminomethyl)-1-naphthol. <i>Analytical Sciences</i> , 2003 , 19, 223-7	1.7	26
257	Fabrication, characterization and photochemical activity of ytterbium carbonate and ytterbium oxide nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 9478-9488	2.1	25
256	Study on the performance of the headspace liquid-phase microextraction, gas chromatography-mass spectrometry in the determination of sorbic and benzoic acids in soft drinks and environmental water samples. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 2633-9	5.7	25
255	Thiomorpholine-functionalized nanoporous mesopore as a sensing material for Cd ²⁺ carbon paste electrode. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 1359-1366	2.6	25
254	Theoretical and experimental report on the determination of oxidation potentials of dihydroxyanthracene and thioxanthens derivatives. <i>Chemical Physics</i> , 2007 , 337, 33-38	2.3	25
253	Exploring QSARs for antiviral activity of 4-alkylamino-6-(2-hydroxyethyl)-2-methylthiopyrimidines by support vector machine. <i>Chemical Biology and Drug Design</i> , 2008 , 72, 205-16	2.9	25

252	Mn3O4 nanorods with secondary plate-like nanostructures; preparation, characterization and application as high performance electrode material in supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 11192-11200	2.1	25
251	Electrochemical preparation and supercapacitive performance of β -MnO ₂ nanospheres with secondary wall-like structures. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 7707-7714	2.1	25
250	Biochemical and molecular evidence on the role of vaspin in early detection of the insulin resistance in a rat model of high-fat diet and use of diazinon. <i>Toxicology</i> , 2019 , 411, 1-14	4.4	25
249	Design of a novel optical sensor for determination of trace amounts of copper by UV/vis spectrophotometry in the real samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 26, 370-374	6.3	24
248	Highly Selective Ratiometric Fluorescent Sensor for La(III) Ion Based on a New Schiff's Base. <i>Analytical Letters</i> , 2009 , 42, 1029-1040	2.2	24
247	Development of fast Fourier transformation continuous cyclic voltammetry as a highly sensitive detection system for ultra trace monitoring of penicillin V. <i>Analytical Biochemistry</i> , 2007 , 360, 175-81	3.1	24
246	Comparative Study of the Derivative and Partial Least Squares Methods Applied to the Spectrophotometric Simultaneous Determination of Atorvastatin and Amlodipine from their Combined Drug Products. <i>Current Pharmaceutical Analysis</i> , 2007 , 3, 268-272	0.6	24
245	Fluoride determination in some mouth wash preparations by a novel La(III) graphite coated membrane sensor based on amitraz. <i>Analytica Chimica Acta</i> , 2005 , 531, 185-191	6.6	24
244	Enhanced solid-state electrochemiluminescence of Ru(bpy) ₃ ²⁺ with nano-CeO ₂ modified carbon paste electrode and its application in tramadol determination. <i>Analytical Methods</i> , 2015 , 7, 1936-1942	3.2	23
243	Fabrication of novel electrochemical sensor for determination of vitamin C in the presence of vitamin B9 in food and pharmaceutical samples. <i>Journal of Molecular Liquids</i> , 2016 , 221, 666-672	6	23
242	A facile route to preparation of Co ₃ O ₄ nanoplates and investigation of their charge storage ability as electrode material for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 8623-8632	2.1	23
241	Label-free electrochemical immunosensor based on electrodeposited Prussian blue and gold nanoparticles for sensitive detection of citrus bacterial canker disease. <i>Sensors and Actuators B: Chemical</i> , 2018 , 275, 61-68	8.5	23
240	A selective fluorescent bulk sensor for lutetium based on hexagonal mesoporous structures. <i>Sensors and Actuators B: Chemical</i> , 2013 , 184, 93-99	8.5	23
239	Ultrasensitive flow-injection electrochemical method for determination of histamine in tuna fish samples. <i>Food Research International</i> , 2010 , 43, 1116-1122	7	23
238	Liquid-phase microextraction by solidification of floating organic microdrop and GC-MS detection of trihalomethanes in drinking water. <i>Journal of Separation Science</i> , 2009 , 32, 314-20	3.4	23
237	Structural study of 2-(1-oxo-1 H-inden-3-yl)-2H-indene-1,3-dione by DFT calculations, NMR and IR spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008 , 70, 94-8	4.4	23
236	Subsecond FFT-adsorptive Voltammetric Technique as a Novel Method for Subnano Level Monitoring of Piroxicam in its Tablets and Bulk Form at Au Microelectrode in Flowing Solutions. <i>Analytical Letters</i> , 2007 , 40, 747-762	2.2	23
235	Solid phase extraction for evaluation of occupational exposure to Pb (II) using XAD-4 sorbent prior to atomic absorption spectroscopy. <i>International Journal of Occupational Safety and Ergonomics</i> , 2007 , 13, 137-45	2.1	23

234	Fast Fourier Transform Continuous Cyclic Voltammetry Development as a Highly Sensitive Detection System for Ultra Trace Monitoring of Thiamine. <i>Analytical Letters</i> , 2007 , 40, 547-559	2.2	23
233	Novel neodymium(III) membrane sensor based on N-(2-Furylmethylene)pyridine-2,6-diamine. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17, 1309	1.5	23
232	Determination of Salbutamol, Amikacin and Paromomycin Sulfate by a Novel Sulfate Polymeric Membrane Sensor Based on 2,6-diphenyl 4-(4-methoxyphenyl) pyrylium perchlorate. <i>Mikrochimica Acta</i> , 2005 , 149, 245-249	5.8	23
231	Synthesis, Characterization and X-ray Crystal Structure of a Chromium(III) Complex Obtained from a Proton-Transfer Compound Containing 1,10-Phenanthroline-2,9-dicarboxylic Acid and 2,6-Pyridinediamine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1941-1946	1.3	23
230	An enhanced electrochemiluminescence sensor modified with a Ru(bpy)/YbO nanoparticle/nafion composite for the analysis of methadone samples. <i>Materials Science and Engineering C</i> , 2017 , 76, 483-489	8.3	22
229	Supercapacitive evaluation of carbon black/exfoliated graphite/MnO ₂ ternary nanocomposite electrode by continuous cyclic voltammetry. <i>Materials Chemistry and Physics</i> , 2015 , 163, 38-44	4.4	22
228	A new Methimazole sensor based on nanocomposite of CdS NPs-RGO/IL-carbon paste electrode using differential FFT continuous linear sweep voltammetry. <i>Talanta</i> , 2014 , 127, 94-9	6.2	22
227	Facile and Effective Synthesis of Praseodymium Tungstate Nanoparticles through an Optimized Procedure and Investigation of Photocatalytic Activity. <i>Open Chemistry</i> , 2017 , 15, 129-138	1.6	22
226	A selective and sensitive voltammetric sensor based on molecularly imprinted polymer for the determination of dipyrindamole in pharmaceuticals and biological fluids. <i>Sensors and Actuators B: Chemical</i> , 2013 , 182, 362-367	8.5	22
225	Novel selective optode membrane for terbium ion based on fluorescence quenching of the 2-(5-(dimethylamino) naphthalen-1-ylsulfonyl)-N-henylhydrazinecarbothioamid. <i>Sensors and Actuators B: Chemical</i> , 2010 , 147, 23-30	8.5	22
224	Ho ³⁺ carbon paste sensor based on multi-walled carbon nanotubes: Applied for determination of holmium content in biological and environmental samples. <i>Materials Science and Engineering C</i> , 2010 , 30, 555-560	8.3	22
223	Development of fast Fourier transform continuous cyclic voltammetry at Au microelectrode in flowing solutions as a novel method for sub-nanomolar monitoring of lidocaine in injection and biological fluids. <i>Analytica Chimica Acta</i> , 2007 , 590, 74-80	6.6	22
222	Synthesis of thiophene-2-carbaldehyde-(7-methyl-1,3-benzothiazol-2-yl)hydrazone and its application as an ionophore in the construction of a novel thulium(III) selective membrane sensor. <i>Electrochemistry Communications</i> , 2005 , 7, 989-994	5.1	22
221	Praseodymium molybdate nanoplates/reduced graphene oxide nanocomposite based electrode for simultaneous electrochemical determination of entacapone, levodopa and carbidopa. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 20-31	2.1	22
220	Determination of diclofenac using electromembrane extraction coupled with stripping FFT continuous cyclic voltammetry. <i>Analytica Chimica Acta</i> , 2017 , 972, 38-45	6.6	21
219	Sensitive determination of herbicide trifluralin on the surface of copper nanowire electrochemical sensor. <i>Journal of Solid State Electrochemistry</i> , 2011 , 15, 1953-1961	2.6	21
218	Electrodeposition of nickel oxide nanoparticles on glassy carbon surfaces: application to the direct electron transfer of tyrosinase. <i>Journal of Applied Electrochemistry</i> , 2008 , 38, 1233-1239	2.6	21
217	Stripping Voltammetry of Cerium(III) with a Chemically Modified Carbon Paste Electrode Containing Functionalized Nanoporous Silica Gel. <i>Electroanalysis</i> , 2008 , 20, 203-206	3	21

216	An Asymmetric Lutetium(III) Microsensor Based on N-(2-Furylmethylene) Pyridine-2,6-Diamine for Determination of Lutetium(III) Ions. <i>Analytical Letters</i> , 2007 , 40, 1923-1938	2.2	21
215	Fast Fourier transformation with continuous cyclic voltammetry at an Au microelectrode for the determination of morphine in a flow injection system. <i>Talanta</i> , 2007 , 73, 54-61	6.2	21
214	PPb level monitoring of lanthanum by a novel PCV-membrane sensor based on 4-methyl-2-hydrazinobenzothiazole. <i>Sensors and Actuators B: Chemical</i> , 2006 , 114, 713-719	8.5	21
213	Functionalized graphene aerogel with p-phenylenediamine and its composite with porous MnO ₂ : investigating the effect of functionalizing agent on supercapacitive performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 10163-10172	2.1	20
212	Association of Zinc, Copper and Magnesium with bone mineral density in Iranian postmenopausal women - a case control study. <i>Journal of Diabetes and Metabolic Disorders</i> , 2014 , 13, 43	2.5	20
211	A sensitive graphene and ethyl 2-(4-ferrocenyl-[1,2,3]triazol-1-yl) acetate modified carbon paste electrode for the concurrent determination of isoproterenol, acetaminophen, tryptophan and theophylline in human biological fluids. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 799, 576-582	4.1	20
210	Potentiometric detection of mercury(II) ions using a carbon paste electrode modified with substituted thiourea-functionalized highly ordered nanoporous silica. <i>Analytical Sciences</i> , 2009 , 25, 789-794	1.7	20
209	Novel method for the fast determination of ultra trace amount of nortriptyline in its pharmaceutical formulations by fast fourier transform continuous cyclic voltammetric technique at Au microelectrode in flowing solutions. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 893-904	3.9	20
208	Sub-second adsorption for the fast sub-nanomolar monitoring of Clindamycin in its pure and pharmaceutical samples by fast Fourier transformation with the use of continuous cyclic voltammetry at an Au microelectrode in a flowing system. <i>Materials Science and Engineering C</i> , 2008 , 28, 87-93	8.3	20
207	QSAR study of 2-(1-Propylpiperidin-4-yl)-1H-benzimidazole-4-carboxamide as PARP inhibitors for treatment of cancer. <i>Chemical Biology and Drug Design</i> , 2008 , 72, 575-84	2.9	20
206	MnO ₂ -TiO ₂ Nanocomposite and 2-(3,4-Dihydroxyphenethyl) Isoindoline-1,3-Dione as an Electrochemical Platform for the Concurrent Determination of Cysteine, Tryptophan and Uric Acid. <i>Electroanalysis</i> , 2018 , 30, 1767-1773	3	19
205	QSAR study of C allosteric binding site of HCV NS5B polymerase inhibitors by support vector machine. <i>Molecular Diversity</i> , 2011 , 15, 645-53	3.1	19
204	Development a new method for the determination of paromomycin in trace amounts by fast Fourier continuous cyclic voltammetry at an Au microelectrode in a flowing system. <i>Sensors and Actuators B: Chemical</i> , 2007 , 123, 1125-1132	8.5	19
203	Novel Nitrite Membrane Sensor Based on Cobalt(II) Salophen for Selective Monitoring of Nitrite Ions in Biological Samples. <i>Mikrochimica Acta</i> , 2004 , 146, 35-41	5.8	19
202	Potential of Vetiver grass for the phytoremediation of a real multi-contaminated soil, assisted by electrokinetic. <i>Chemosphere</i> , 2020 , 246, 125802	8.4	19
201	Preparation and characterization of Mn ₅ O ₈ nanoparticles: A novel and facile pulse cathodic electrodeposition followed by heat treatment. <i>Inorganic and Nano-Metal Chemistry</i> , 2017 , 47, 1085-1089 ^{1,2}	1.2	18
200	Strategy for Simultaneous Determination of Droxidopa, Acetaminophen and Tyrosine Using Carbon Paste Electrode Modified with Graphene and Ethyl 2-(4-ferrocenyl-[1,2,3]triazol-1-yl) Acetate. <i>Journal of the Electrochemical Society</i> , 2017 , 164, H407-H412	3.9	18
199	A novel solid-state electrochemiluminescence sensor based on a Ru(bpy) ₃ ²⁺ /nano Sm ₂ O ₃ modified carbon paste electrode for the determination of L-proline. <i>RSC Advances</i> , 2015 , 5, 64669-64674	3.7	18

198	A novel europium-sensitive fluorescent nano-chemosensor based on new functionalized magnetic core-shell Fe ₃ O ₄ @SiO ₂ nanoparticles. <i>Talanta</i> , 2013 , 115, 271-6	6.2	18
197	Highly selective ratiometric fluorescence determination of Eu ³⁺ ion based on (4E)-4-(2-phenyldiazenyl)-2-((E)-(2-aminoethylimino)methyl)phenol. <i>Materials Science and Engineering C</i> , 2010 , 30, 929-933	8.3	18
196	Neutral N,N'-bis(2-pyridinecarboxamide)-1,2-ethane as sensing material for determination of lutetium(III) ions in biological and environmental samples. <i>Materials Science and Engineering C</i> , 2009 , 29, 205-210	8.3	18
195	Procaine as a Sensing Material for Determination of Dysprosium(III) Ions in Presence of Other Rare-earth Elements in Biological and Environmental Samples. <i>Analytical Letters</i> , 2007 , 40, 2544-2561	2.2	18
194	Host (nanopores of zeolite Y)-guest (oxovanadium(IV) tetradentate schiff-base complexes) nanocomposite materials: synthesis, characterization and liquid phase hydroxylation of phenol with hydrogen peroxide. <i>Journal of Porous Materials</i> , 2007 , 14, 423-432	2.4	18
193	A theoretical study on interactions between mitoxantrone as an anticancer drug and DNA: application in drug design. <i>Chemical Biology and Drug Design</i> , 2008 , 71, 474-482	2.9	18
192	DETERMINATION OF THE OXIDATION POTENTIALS OF PYROGALLOL AND SOME OF ITS DERIVATIVES: THEORY AND EXPERIMENT. <i>Journal of Theoretical and Computational Chemistry</i> , 2007 , 06, 331-340	1.8	18
191	Anion recognition: fabrication of a highly selective and sensitive HPO ₄ (²⁻) PVC sensor based on a oxo-molybdenum methyl-salen. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17, 859-865	1.5	18
190	Hydrothermal growth of magnesium ferrite rose nanoflowers on Nickel foam; application in high-performance asymmetric supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 650-657	2.1	18
189	QSAR study of α integrin inhibitors by GA-MLR and GA-SVM methods. <i>Structural Chemistry</i> , 2014 , 25, 355-370	1.8	17
188	Lanthanide recognition: A dysprosium(III) selective fluorimetric bulk optode. <i>Sensors and Actuators B: Chemical</i> , 2012 , 171-172, 644-651	8.5	17
187	Surfactant Enhance DLLME/FO-LADS: Assay of Malachite Green Level in Aquatic Environment of Trout Fish. <i>Clean - Soil, Air, Water</i> , 2011 , 39, 83-87	1.6	17
186	Application of a New Tramadol Potentiometric Membrane Sensor as a Useful Device for Tramadol Hydrochloride Analysis in Pharmaceutical Formulation and Urine. <i>Current Pharmaceutical Analysis</i> , 2009 , 5, 28-33	0.6	17
185	Lanthanide recognition: A Ho ³⁺ potentiometric membrane sensor as a probe for determination of terazosin. <i>Materials Science and Engineering C</i> , 2009 , 29, 1380-1386	8.3	17
184	Determination of Nanomolar Mercury(II) Concentration by Anodic-Stripping Voltammetry at a Carbon Paste Electrode Modified with Functionalized Nanoporous Silica Gel. <i>Current Analytical Chemistry</i> , 2009 , 5, 35-41	1.7	17
183	Highly Selective and Sensitive Triiodide PVC-Based Membrane Electrode Based on a New Charge Transfer Complex of 2-(((2-(((E)-1-(2-Hydroxyphenyl) Methylidene) Amino) Phenyl) Imino) Methyl) Phenol for Nano-Level Monitoring of Triiodide. <i>Analytical Letters</i> , 2006 , 39, 683-695	2.2	17
182	Highly sensitive gold nanoparticles-based optical sensing of DNA hybridization using bis(8-hydroxyquinoline-5-solphonate)cerium(III) chloride as a novel fluorescence probe. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 118, 356-362	3.5	16
181	Facile sonochemical synthesis and morphology control of CePO ₄ nanostructures via an oriented attachment mechanism: application as luminescent probe for selective sensing of Pb ²⁺ ion in aqueous solution. <i>Materials Science and Engineering C</i> , 2014 , 42, 774-81	8.3	16

180	QSAR study on hERG inhibitory effect of kappa opioid receptor antagonists by linear and non-linear methods. <i>Medicinal Chemistry Research</i> , 2013 , 22, 4047-4058	2.2	16
179	Prediction of Solubility of Fullerene C60 in Various Organic Solvents by Genetic Algorithm-Multiple Linear Regression. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2011 , 19, 585-598	1.8	16
178	A new technique for spectrophotometric determination of pseudoephedrine and guaifenesin in syrup and synthetic mixture. <i>Drug Testing and Analysis</i> , 2011 , 3, 319-24	3.5	16
177	A green method on the electro-organic synthesis of new caffeic acid derivatives: Electrochemical properties and LCESI/MS analysis of products. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 601, 205-210	4.1	16
176	A sub-second fast Fourier transform-adsorptive voltammetric technique for the nano-level determination of guthion at a gold microelectrode in flowing solutions. <i>Journal of Hazardous Materials</i> , 2007 , 143, 264-70	12.8	16
175	Host (nanocavity of zeolite Y)/guest (Co(II), Ni(II) and Cu(II) complexes of unsaturated 16-membered octaaza; 3,4,11,12-tetramethyl-1,2,5,6,9,10,13,14-octaazacyclohexadecane; Me ₄ [16]aneN ₈ nanocomposite materials (HGNN): template synthesis, characterization and electrocatalytic activity of hydrogen peroxide. <i>Transition Metal Chemistry</i> , 2007 , 32, 1-6	2.1	16
174	Prediction of one-electron electrode potentials of some quinones in dimethylsulfoxide. <i>Journal of Electroanalytical Chemistry</i> , 2004 , 573, 49-53	4.1	16
173	Simultaneous determination of dihydroxybenzene isomers at nitrogen-doped graphene surface using fast Fourier transform square wave voltammetry and multivariate calibration. <i>Microchemical Journal</i> , 2019 , 145, 596-605	4.8	16
172	Electrochemical nanostructure platform for the analysis of glutathione in the presence of uric acid and tryptophan. <i>Analytical Methods</i> , 2017 , 9, 6228-6234	3.2	15
171	QSAR study of IKK β inhibitors by the genetic algorithm: multiple linear regressions. <i>Medicinal Chemistry Research</i> , 2014 , 23, 57-66	2.2	15
170	Dysprosium Hydroxide Nanowires Modified Electrode for Determination of Rifampicin Drug in Human Urine and Capsules by Adsorptive Square Wave Voltammetry. <i>Current Pharmaceutical Analysis</i> , 2009 , 5, 246-255	0.6	15
169	Development and evaluation of a dispersive liquid-liquid microextraction based test method for quantitation of total anionic surfactants: advantages against reference methods. <i>Open Chemistry</i> , 2010 , 8, 702-708	1.6	15
168	Use of silver nanoparticles as an electron transfer facilitator in electrochemical ligand-binding of haemoglobin. <i>Journal of Applied Electrochemistry</i> , 2007 , 37, 1021-1026	2.6	15
167	A green method for the electroorganic synthesis of new 1,3-Indandione derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2006 , 54, 1391-6	1.9	15
166	Novel Bromide PVC-Based Membrane Sensor Based on Iron(III)-Salen. <i>Electroanalysis</i> , 2004 , 16, 910-914	3	15
165	An Electrochemical Aptasensor Platform Based on Flower-Like Gold Microstructure-Modified Screen-Printed Carbon Electrode for Detection of Serpin A12 as a Type 2 Diabetes Biomarker. <i>International Journal of Nanomedicine</i> , 2020 , 15, 2219-2230	7.3	15
164	Synthesis of nano-structured lanthanum tungstates photocatalysts. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 7600-7608	2.1	14
163	Simultaneous determination and extraction of ultra- trace amounts of estradiol valerate from whole blood using FFT square wave voltammetry and low-voltage electrically enhanced microextraction techniques. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 813, 83-91	4.1	14

162	One-step cathodic electrodeposition of a cobalt hydroxide-graphene nanocomposite and its use as a high performance supercapacitor electrode material.. <i>RSC Advances</i> , 2018 , 8, 26818-26827	3.7	14
161	Cobalt hydroxide hexagonal nanoplates anchored on functionalized carbon nanotubes (CNTs) for supercapacitor applications: one-pot electrochemical fabrication of high performance nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 14378-14386	2.1	14
160	Using fast Fourier transformation continuous cyclic voltammetry method for new electrodeposition of nano-structured lead dioxide. <i>Electrochimica Acta</i> , 2012 , 77, 97-103	6.7	14
159	A selective modified nanoporous silica as sorbent for separation and preconcentration of dysprosium in water samples prior to ICP-OES determination. <i>International Journal of Environmental Analytical Chemistry</i> , 2012 , 92, 355-365	1.8	14
158	Characterization of paracetamol binding with normal and glycated human serum albumin assayed by a new electrochemical method. <i>Journal of the Brazilian Chemical Society</i> , 2012 , 23, 315-321	1.5	14
157	Support vector machine-based quantitative structure-activity relationship study of cholesteryl ester transfer protein inhibitors. <i>Chemical Biology and Drug Design</i> , 2009 , 73, 558-71	2.9	14
156	A novel ratiometric fluorescent Yb ³⁺ sensor based on a N [?] -(1-oxoacenaphthylen-2(1H)-ylidene)furan-2-carbohydrazide as a suitable fluorophore. <i>Materials Science and Engineering C</i> , 2010 , 30, 348-351	8.3	14
155	Application of Adsorptive Stripping Voltammetry for the Nano-Level Detection of Tramadol in Biological Fluids and Tablets Using Fast Fourier Transform Continuous Cyclic Voltammetry at an Au Microelectrode in a Flowing System. <i>Analytical Letters</i> , 2007 , 40, 2252-2270	2.2	14
154	Preparation of Mn ₅ O ₈ and Mn ₃ O ₄ nano-rods through cathodic electrochemical deposition-heat treatment (CED-HT). <i>Materials Research Express</i> , 2016 , 3, 055013	1.7	13
153	Simultaneous spectrophotometric determination of ceftazidime and sulbactam using multivariate calibration methods. <i>RSC Advances</i> , 2014 , 4, 41039-41044	3.7	13
152	Functionalized graphene quantum dots as a fluorescent biosensor for detection of mercury and ethyl xanthate. <i>Research on Chemical Intermediates</i> , 2017 , 43, 7457-7470	2.8	13
151	Adsorptive Stripping Voltammetric Determination of Nanomolar Concentration of Cerium(III) at a Carbon Paste Electrode Modified by N [?] -[(2-Hydroxyphenyl)Methylidene]-2-Furohydrazide. <i>Electroanalysis</i> , 2009 , 21, 1605-1610	3	13
150	Voltammetric determination of surface active compounds at Au and Pt ultramicroelectrodes in flowing solutions. <i>Canadian Journal of Chemistry</i> , 1997 , 75, 1736-1749	0.9	13
149	Application of N,N [?] -bis(2-quinolinecarboxamide)-1,2-benzene as an ionophore in the construction of a novel polymeric membrane sensor for the selective monitoring of the holmium(III) concentration. <i>Sensors and Actuators B: Chemical</i> , 2006 , 119, 89-93	8.5	13
148	Application of pyridine-2-carbaldehyde-2-(4-methyl-1,3-benzo thiazol-2-yl)hydrazone as a neutral ionophore in the construction of a novel Er(III) sensor. <i>Journal of the Brazilian Chemical Society</i> , 2007 , 18, 352-358	1.5	13
147	A Sensitive Aptamer-Based Biosensor for Electrochemical Quantification of PSA as a Specific Diagnostic Marker of Prostate Cancer. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2020 , 23, 243-258	3.4	13
146	Prediction of PCE of fullerene (C ₆₀) derivatives as polymer solar cell acceptors by genetic algorithm-multiple linear regression. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 1058-1067	6.3	12
145	Application of a nanostructured sensor based on graphene- and ethyl 2-(4-ferrocenyl[1,2,3]triazol-1-yl)acetate-modified carbon paste electrode for determination of methyl dopa in the presence of phenylephrine and guaifenesin. <i>Applied Organometallic Chemistry</i> , 2018 , 32, 1-13	3.1	12

144	Effect of thickness on the capacitive behavior and stability of ultrathin polyaniline for high speed super capacitors. <i>Russian Journal of Electrochemistry</i> , 2016 , 52, 933-937	1.2	12
143	Functionalized ZnS quantum dots as luminescent probes for detection of amino acids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 96, 801-4	4.4	12
142	Electrochemical spectroscopic investigations on the interaction of an ytterbium complex with DNA and their analytical applications such as biosensor. <i>International Journal of Biological Macromolecules</i> , 2011 , 49, 1117-23	7.9	12
141	Application of Room Temperature Ionic Liquids in Electrochemical Sensors and Biosensors 2011 ,		12
140	Ultrasensitive flow-injection electrochemical method for detection of anticancer drug tamoxifen. <i>Talanta</i> , 2009 , 77, 1075-80	6.2	12
139	Partition Coefficient Prediction of a Large Set of Various Drugs and Poisons by a Genetic Algorithm and Artificial Neural Network. <i>Journal of the Chinese Chemical Society</i> , 2008 , 55, 345-355	1.5	12
138	THEORETICAL AND EXPERIMENTAL STUDY OF ELECTRICAL AND ELECTROCHEMICAL PROPERTIES OF (E)-3-(4, 5-DIHYDROXY-2-(PHENYLSULPHONYL) PHENYL) ACRYLIC ACID AS A NEW CAFFEIC ACID DERIVATIVE. <i>Journal of Theoretical and Computational Chemistry</i> , 2007 , 06, 255-268	1.8	12
137	The mechanisms underlying the effect of alpha-cyclodextrin on the aggregation and stability of alcohol dehydrogenase. <i>Biotechnology and Applied Biochemistry</i> , 2008 , 49, 203-11	2.8	12
136	Be(II) Graphite Coated Membrane Sensor Based on a Recently Synthesized Benzo-9-Crown-3 Derivative. <i>Electroanalysis</i> , 2005 , 17, 895-900	3	12
135	Application of a new modified magnetic nanoparticle as a selective sorbent for preconcentration and extraction of europium in environmental water samples prior to ICP-OES determination. <i>Journal of the Iranian Chemical Society</i> , 2015 , 12, 737-742	2	11
134	Performance evaluation of fast Fourier-transform continuous cyclic-voltammetry pesticide biosensor. <i>Analytica Chimica Acta</i> , 2011 , 687, 168-76	6.6	11
133	QSPR Study of the Distribution Coefficient Property for Hydantoin and 5-Arylidene Derivatives. A Genetic Algorithm Application for the Variable Selection in the MLR and PLS Methods. <i>Journal of the Chinese Chemical Society</i> , 2008 , 55, 1086-1093	1.5	11
132	Voltammetric Determination of Carbofuran Pesticide in Biological and Environmental Samples using a Molecularly Imprinted Polymer Sensor, a Multivariate Optimization. <i>Journal of Analytical Chemistry</i> , 2020 , 75, 669-678	1.1	10
131	Sensitive electrochemical immunosensor for citrus bacterial canker disease detection using fast Fourier transformation square-wave voltammetry method. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 820, 111-117	4.1	10
130	The effect of pH on the interaction between Eu ³⁺ ions and short single-stranded DNA sequence, studied with electrochemical, spectroscopic and computational methods. <i>Materials Science and Engineering C</i> , 2012 , 32, 653-658	8.3	10
129	Efficient design for in situ determination of amlodipine in whole blood samples using fast Fourier transform stripping square wave voltammetry after preconcentration by electromembrane extraction. <i>New Journal of Chemistry</i> , 2017 , 41, 13567-13575	3.6	10
128	A ceria NPs decorated graphene nano-composite sensor for sulfadiazine determination in pharmaceutical formulation. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 16704-16712 ^{2.1}		10
127	Fabrication and electrochemical behavior of single-walled carbon nanotube/graphite-based electrode. <i>Materials Science and Engineering C</i> , 2009 , 29, 187-192	8.3	10

126	Rapid determination of bisacodyl in flow injection system combination by a novel sensitive adsorptive square-wave voltammetry. <i>Sensors and Actuators B: Chemical</i> , 2009 , 136, 66-72	8.5	10
125	Development of a New Combined Chemometrics Method, Applied in the Simultaneous Voltammetric Determination of Cinnamic Acid and 3, 4-Dihydroxy Benzoic Acid. <i>Current Analytical Chemistry</i> , 2009 , 5, 42-47	1.7	10
124	Lutetium(III) Ions Determination in Biological and Environmental Samples by a Lutetium(III) Sensor Based on N,N'-bis(2-Pyridinecarboxamide)-1,3-benzene as a Sensing Material. <i>Analytical Letters</i> , 2008 , 41, 3-23	2.2	10
123	Fundamental studies of the cytochrome c immobilization by the potential cycling method on nanometer-scale nickel oxide surfaces. <i>Biophysical Chemistry</i> , 2007 , 129, 259-68	3.5	10
122	Experimental and quantum chemical study on the IR, UV and electrode potential of 6-(2,3-dihydro-1,3-dioxo-2-phenyl-1H-inden-2-yl)-2,3-dihydroxybenzaldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008 , 71, 1390-6	4.4	10
121	Novel Cesium Membrane Sensor Based on a Cavitand. <i>Journal of the Chinese Chemical Society</i> , 2006 , 53, 1209-1214	1.5	10
120	Highly Selective PVC-Based Membrane Electrode Based on 2,6-Diphenylpyrylium Fluoroborate. <i>Journal of the Chinese Chemical Society</i> , 2004 , 51, 309-314	1.5	10
119	Selective and non-selective determination of heavy metal ions in flowing solutions by fast stripping cyclic voltammetry. <i>Analytical Sciences</i> , 2004 , 20, 519-26	1.7	10
118	Development and Validation of a Rapid Chemometrics-Assisted Spectrophotometry and Liquid Chromatography Methods for the Simultaneous Determination of the Phenylalanine, Tryptophan and Tyrosine in the Pharmaceutical Products. <i>Current Pharmaceutical Analysis</i> , 2008 , 4, 231-237	0.6	10
117	A FFT Square Wave Voltammetry Sensing Method for Highly Sensitive Detection of Phytic Acid Using a Cerium Oxide Nanoparticles Decorated Graphene Oxide. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B1630-B1636	3.9	10
116	QSAR study of ACK1 inhibitors by genetic algorithm-multiple linear regression (GAMLR). <i>Journal of Saudi Chemical Society</i> , 2014 , 18, 681-688	4.3	9
115	A novel methodology based on solvents less dense than through dispersive liquid-liquid microextraction: application in quantitation of in fruit juices and soft drinks by fiber optic-linear array detection spectrophotometry. <i>Analytical Methods</i> , 2011 , 3, 724-730	3.2	9
114	A study of quenching and enhancing effects of some amino acids on peroxyoxalate chemiluminescence of rhodamine 6G. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 72, 484-9	4.4	9
113	Thulium(III) Ions Monitoring by a Novel Thulium(III) Microelectrode Based on a S-N Schiff Base. <i>Electroanalysis</i> , 2007 , 19, 1145-1151	3	9
112	A novel QSPR study of normalized migration time for drugs in capillary electrophoresis by new descriptors: quantum chemical investigation. <i>Electrophoresis</i> , 2008 , 29, 4027-35	3.6	9
111	Novel Method for the Fast Separation and Purification of Molybdenum(VI) from Fission Products of Uranium with Aminofunctionalized Mesoporous Molecular Sieves (AMMS) Modified by Dicyclohexyl-18-Crown-6 and S-N Tetradentate Schiff's Base. <i>Analytical Letters</i> , 2005 , 38, 1813-1821	2.2	9
110	High-Performance Voltammetric Aptasensing Platform for Ultrasensitive Detection of Bisphenol A as an Environmental Pollutant. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 574846	5.8	9
109	Sonochemical synthesis of porous nanowall Co3O4/nitrogen-doped reduced graphene oxide as an efficient electrode material for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 14504-14514	2.1	8

108	Simultaneous extraction and determination of trace amounts of diclofenac from whole blood using supported liquid membrane microextraction and fast Fourier transform voltammetry. <i>Journal of Separation Science</i> , 2018 , 41, 1644-1650	3.4	8
107	Simultaneous sensitive determination of benzenediol isomers using multiwall carbon nanotube/boric liquid modified carbon paste electrode by a combination of artificial neural network and fast Fourier transform admittance voltammetry. <i>New Journal of Chemistry</i> , 2018 , 42, 6479-6487	3.6	8
106	QSAR study of Nav1.7 antagonists by multiple linear regression method based on genetic algorithm (GAMLR). <i>Medicinal Chemistry Research</i> , 2014 , 23, 2264-2276	2.2	8
105	Sensitive determination of carbidopa through the electrochemiluminescence of luminol at graphene-modified electrodes. <i>Luminescence</i> , 2015 , 30, 376-81	2.5	8
104	Design of a Novel Gadolinium Optical Sensor Based on Immobilization of (Z)-N ² -((Pyridine-2-yl) Methylene) Thiophene-2-carbohydrazide on a Triacetylcellulose Membrane and Its Application to the Urine Samples. <i>Analytical Letters</i> , 2009 , 42, 190-203	2.2	8
103	Application of a continuous square-wave potential program for sub nano molar determination of ketotifen. <i>Chemical and Pharmaceutical Bulletin</i> , 2009 , 57, 117-21	1.9	8
102	Separation and direct detection of heavy lanthanides using new ion-exchange chromatography: fast Fourier transform continuous cyclic voltammetry system. <i>Journal of Applied Electrochemistry</i> , 2010 , 40, 1593-1603	2.6	8
101	PVC-Based on Thiopyrilium Derivatives Membrane Electrodes for Determination of Histamine. <i>Journal of the Chinese Chemical Society</i> , 2007 , 54, 1495-1504	1.5	8
100	A novel electrochemical sensor based on graphene nanosheets and ethyl 2-(4-ferrocenyl-[1,2,3]triazol-1-yl) acetate for electrocatalytic oxidation of cysteine and tyrosine. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020 , 152, 107302	4.6	8
99	Optimizing the synthesis procedure and characterization of terbium(III) tungstate nanoparticles as high performance photocatalysts. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 9724-9731	2.1	7
98	Fabrication of a label-free electrochemical immunosensor for direct detection of Candidatus Phytoplasma Aurantifolia. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 851, 113451	4.1	7
97	QSAR study of mGlu5 inhibitors by genetic algorithm-multiple linear regressions. <i>Medicinal Chemistry Research</i> , 2014 , 23, 3082-3091	2.2	7
96	Holmium(III)-selective fluorimetric optode based on N,N-bis(salicylidene)-naphthylene-1,8-diamine as a neutral fluorogenic ionophore. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 121, 224-9	4.4	7
95	Comparison of morphology, stability and electrocatalytic properties of Ru _{0.3} Ti _{0.7} O ₂ and Ru _{0.3} Ti _{0.4} Ir _{0.3} O ₂ coated titanium anodes. <i>Russian Journal of Electrochemistry</i> , 2011 , 47, 1281-1286	1.2	7
94	Pico-Level Monitoring of Ampicillin by Using a Novel Cerium Fluorescence Probe. <i>Analytical Letters</i> , 2010 , 43, 2193-2199	2.2	7
93	Electrochemical evaluation of non-electroactive drug erythromycin in trace amount at biological samples by continuous cyclic voltammetry. <i>Materials Science and Engineering C</i> , 2009 , 29, 1281-1287	8.3	7
92	New adsorptive square wave method for trace determination of prilocain in the flow injection system by a fast fourier analysis. <i>Russian Journal of Electrochemistry</i> , 2010 , 46, 999-1006	1.2	7
91	Monitoring of Anti Cancer Drug Letrozole by Fast Fourier Transform Continuous Cyclic Voltammetry at Gold Microelectrode. <i>Chinese Journal of Chemistry</i> , 2010 , 28, 1133-1139	4.9	7

90	QUANTUM MECHANICAL DESCRIPTION OF THE INTERACTIONS BETWEEN DNA AND 9,10-ANTHRAQUINONE. <i>Journal of Theoretical and Computational Chemistry</i> , 2008 , 07, 317-329	1.8	7
89	Sotalol nanolevel detection at an Au microelectrode in flowing solutions. <i>Russian Journal of Electrochemistry</i> , 2008 , 44, 1024-1030	1.2	7
88	Highly Selective and Sensitive Triiodide PVC-Membrane Electrode Based on a New Charge-Transfer Complex of Bis(2,4-Dimethoxybenzaldehyde)butane-2,3-Dihydrazone with Iodine. <i>Journal of the Chinese Chemical Society</i> , 2006 , 53, 275-281	1.5	7
87	Prediction of one-electron electrode potentials of some quinones in dimethylsulfoxide. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 2004 , 573, 49-53		7
86	Erbium(III) tungstate nanoparticles; optimized synthesis and photocatalytic evaluation. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 6399-6406	2.1	6
85	Prediction of Superoxide Quenching Activity of Fullerene (C60) Derivatives by Genetic Algorithm-Support Vector Machine. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015 , 23, 290-299	1.8	6
84	Ultra-Trace Determination of Imipramine Using a Sr(VO3)2Doped Phytic Acid Carbon Paste Electrode after Preconcentration by Electromembrane Extraction Coupled with FFT Square Wave Voltammetry. <i>Journal of the Electrochemical Society</i> , 2018 , 165, H205-H212	3.9	6
83	Highlighting and trying to overcome a serious drawback with QSPR studies; data collection in different experimental conditions (mixed-QSPR). <i>Journal of Computational Chemistry</i> , 2012 , 33, 732-47	3.5	6
82	Effective electrosynthesis and in situ surface coating of Fe3O4 nanoparticles with polyvinyl alcohol for biomedical applications. <i>Materials Research Innovations</i> , 2017 , 1-8	1.9	6
81	Application of QSPR for prediction of the complexation stabilities of Sm(III) with ionophores applied in lanthanoid sensors. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015 , 81, 441-450	1.7	6
80	Prediction of the complexation stabilities of La3+ ion with ionophores applied in lanthanoid sensors. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 78, 325-336	1.7	6
79	Trace detection of thiols with Fourier transforms cyclic voltammetry technique in flowing solutions. <i>Journal of Nanostructure in Chemistry</i> , 2013 , 3, 1	7.6	6
78	Simultaneous spectrophotometric determination of 2-thiouracil and 2-mercaptobenzimidazole in animal tissue using multivariate calibration methods: concerns and rapid methods for detection. <i>Journal of Food Science</i> , 2010 , 75, C135-9	3.4	6
77	Quantitative structure-activity relationship study on the anti-HIV-1 activity of novel 6-naphthylthio HEPT analogs. <i>Chemical Biology and Drug Design</i> , 2009 , 74, 165-72	2.9	6
76	Lanthanide Recognition: Development of an Asymmetric Gadolinium Microsensor Based on N-(2-pyridyl)-N'-(4-nitrophenyl)thiourea. <i>Analytical Letters</i> , 2008 , 41, 2972-2984	2.2	6
75	Density-functional Theory on the Oxidation Potentials and Geometry Parameters of Thioxanthen Derivatives: Theory and Experiment. <i>Analytical Letters</i> , 2007 , 40, 2574-2588	2.2	6
74	Application of Tetra Cyclohexyl Tin(IV) as an Anionic Carrier for the Construction of a New Salicylate Membrane Sensor. <i>Journal of the Chinese Chemical Society</i> , 2007 , 54, 969-976	1.5	6
73	Novel Metronidazole Membrane Sensor Based on a 2,6-(p-N,N-Dimethylaminophenyl)-4-Phenylthiopyrylium Perchlorate. <i>Journal of the Chinese Chemical Society</i> , 2007 , 54, 55-61	1.5	6

72	Symmetric and Asymmetric Hyoscine Membrane Sensor for Determination of Hyoscine Butyl Bromide in Pharmaceutical Formulation and Biological Fluids; A Computational Study. <i>Sensor Letters</i> , 2010 , 8, 545-553	0.9	6
71	Sulfate-selective PVC membrane electrode based on a strontium Schiff's base complex. <i>Annali Di Chimica</i> , 2003 , 93, 679-90		6
70	Synthesis of Sm ₂ (WO ₄) ₃ nanocrystals via a statistically optimized route and their photocatalytic behavior. <i>Materials Research Express</i> , 2017 , 4, 035012	1.7	5
69	Investigation of two carboxamide compounds containing heterocyclic rings as carbon steel corrosion inhibitors in HCl solution. <i>Russian Journal of Electrochemistry</i> , 2015 , 51, 833-842	1.2	5
68	Spectrofluorimetric study of the interaction of ciprofloxacin with amino acids in aqueous solution following solvatochromic studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 94, 72-7	4.4	5
67	Interaction study of ss-DNA and Yb ³⁺ ions in aqueous solutions by electrochemical and spectroscopic techniques. <i>Journal of Molecular Liquids</i> , 2012 , 165, 119-124	6	5
66	A new method for the determination of haemoglobin concentration using a bromide-modified silver electrode. <i>Biotechnology and Applied Biochemistry</i> , 2007 , 47, 153-8	2.8	5
65	Synthesis, characterization and catalytic oxidation of cyclohexene with molecular oxygen over host (zeolite-Y)/guest (nickel(II) complexes of R ₂ [12]1,3-dieneN ₂ O ₂ and R ₂ [13]1,4-dieneN ₂ O ₂ ; R = H, Me, Ph) nanocatalyst (HGN). <i>Transition Metal Chemistry</i> , 2006 , 31, 964-969	2.1	5
64	Application of Advanced Electrochemical Methods with Nanomaterial-based Electrodes as Powerful Tools for Trace Analysis of Drugs and Toxic Compounds. <i>Current Analytical Chemistry</i> , 2019 , 15, 143-151	1.7	5
63	Application of genetic algorithm - multiple linear regressions to predict the activity of RSK inhibitors. <i>Journal of the Serbian Chemical Society</i> , 2015 , 80, 187-196	0.9	4
62	Gadolinium (III) Tungstate Nanoparticles Modified Carbon Paste Electrode for Determination of Progesterone Using FFT Square-Wave Voltammetry Method. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 067513	3.9	4
61	Determination of methyl parathion in liquid phase by nano-composite carbon paste surface biosensor and differential FFT continuous linear sweep voltammetry. <i>Journal of Molecular Liquids</i> , 2014 , 198, 239-245	6	4
60	Prediction of tyrosinase inhibition for drug design using the genetic algorithm multiple linear regressions. <i>Medicinal Chemistry Research</i> , 2013 , 22, 5453-5465	2.2	4
59	Statistical optimization of experimental parameters for synthesis of two efficient photocatalyst: erbium carbonate and erbium oxide nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 15224-15232	2.1	4
58	Optimized synthesis and characterization of lutetium carbonate and oxide nanoparticles and their use as degradation photocatalyst. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 17078-17088	2.1	4
57	Fluorescence enhancement of Er ³⁺ ion by Glibenclamide: A practical probe. <i>Materials Science and Engineering C</i> , 2009 , 29, 2388-2391	8.3	4
56	Quantum chemical calculations to reveal the relationship between the chemical structure and the fluorescence characteristics of phenylquinolinylethynes and phenylisoquinolinylethynes derivatives, and to predict their relative fluorescence intensity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 74, 1077-83	4.4	4
55	Spectrophotometric and chemometric studies on the simultaneous determination of two benzodiazepines in human plasma. <i>Materials Science and Engineering C</i> , 2011 , 31, 992-996	8.3	4

54	A Novel Adsorptive Square Wave Voltammetric Method for Pico Molar Monitoring of Lorazepam at Gold Ultra Microelectrode in a Flow Injection System by Application of Fast Fourier Transform Analysis. <i>Analytical Letters</i> , 2008 , 41, 1208-1224	2.2	4
53	Using Ho ³⁺ Fluorescence Enhancement as a Novel Probe in Monitoring of Human Serum Albumin. <i>Analytical Letters</i> , 2008 , 41, 1933-1943	2.2	4
52	Resistance monitoring of aluminum plates to microbiologically influenced corrosion using FFT impedance spectroscopy methods. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2006 , 57, 538-542 ^{1.6}		4
51	Synthesis, Characterization, and Photocatalytic Behavior of Praseodymium Carbonate and Oxide Nanoparticles Obtained by Optimized Precipitation and Thermal Decomposition. <i>Journal of Electronic Materials</i> , 2017 , 46, 4627-4639	1.9	3
50	Low-voltage online stimulated microextraction of Glibenclamide from whole blood. <i>Microchemical Journal</i> , 2019 , 148, 759-766	4.8	3
49	Biosensing Applications of ZnO / Graphene on Glassy Carbon Electrode in Analysis of Tyrosine. <i>International Journal of Electrochemical Science</i> , 2017 , 5254-5263	2.2	3
48	Biomimetic Molecularly Imprinted Polymers as Smart Materials and Future Perspective in Health Care 2014 , 465-492		3
47	A Novel Admittometric Sensor for Determination of Theophylline using FFT Coulometric Admittance Voltammetry and Flow Injection Analysis. <i>International Journal of Electrochemical Science</i> , 2017 , 10057-10070	2.2	3
46	Monitoring of Methyldopa by Fast Fourier Transform Continuous Cyclic Voltammetry at Gold Microelectrode. <i>Chinese Journal of Chemistry</i> , 2009 , 27, 732-738	4.9	3
45	Determination of the formation constant for the inclusion complex between Lanthanide ions and Dansyl chloride derivative by fluorescence spectroscopy: theoretical and experimental investigation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 74, 253-8	4.4	3
44	Design of an Imipramine-Selective Electrode Based on an Ion-Pair and its Application to Pharmaceutical Analysis. <i>Journal of the Chinese Chemical Society</i> , 2009 , 56, 296-302	1.5	3
43	Development a New Method for the Determination of Chlorpromazine in Trace Amounts by Fast Fourier Continuous Cyclic Voltammetry at an Au Microelectrode in a Flowing System. <i>Journal of the Chinese Chemical Society</i> , 2007 , 54, 1243-1251	1.5	3
42	Electrochemical Recognition of Metalloproteins by Bromide-modified Silver Electrode - A New Method. <i>International Journal of Molecular Sciences</i> , 2007 , 8, 723-735	6.3	3
41	Novel method for the determination of trace amounts of metformin in its pharmaceutical formulation by fast Fourier continuous cyclic voltammetric technique at Au microelectrode in flowing solutions. <i>Russian Journal of Electrochemistry</i> , 2008 , 44, 1135-1143	1.2	3
40	A novel Ho(III) sensor based on N,N'-bis(2- pyridinecarboxamide)-1,2-benzene as a neutral ion carrier. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17,	1.5	3
39	Ion recognition: synthesis of 2-methyl-2,4-di (2-thienyl)-2,3-dihydro-1H-1,5-benzodiazepine and its application in construction of a highly selective and sensitive Ag ⁺ membrane sensors. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17,	1.5	3
38	Nanosized terbium carbonate and oxide particles: optimized synthesis, and application as photodegradation catalyst. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 2988-2998	2.1	3
37	Online monitoring of electrochemical synthesis of 4-nitrocatechol using fast Fourier transform continuous cyclic voltammetry (FFTCCV) in flow system. <i>Electrochimica Acta</i> , 2018 , 259, 694-701	6.7	3

36	Electrochemical deposition of layer-by-layer Ni/RGO/Ni(OH) ₂ composite on steel gauze electrode for high-performance supercapacitor application. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 16184-16194	2.1	2
35	Investigation on the photocatalytic behaviors of europium carbonate and oxide nanoparticles prepared based on statistically optimized carbonation and calcination routes. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 13267-13277	2.1	2
34	Rapid and Direct Spectrofluorometric and Chemometrics Methods for the Simultaneous Determination of Two Dansyl Derivatives. <i>Spectroscopy Letters</i> , 2010 , 43, 226-234	1.1	2
33	Complexation study of luciferin with metal ions in acetonitrile employing theoretical and experimental methods. <i>Journal of Molecular Liquids</i> , 2010 , 157, 51-56	6	2
32	Application of Correlation Ranking Procedure and Artificial Neural Networks in the Modeling of Liquid Chromatographic Retention Times (tR) of Various Pesticides. <i>Analytical Letters</i> , 2008 , 41, 3364-3385	3.2	2
31	Electrochemical and scanning electron microscopic studies of the influence of anatase TiO ₂ nanoparticles on the electropolymerization of aniline. <i>Mendeleev Communications</i> , 2008 , 18, 90-91	1.9	2
30	Molecular geometry, vibrations and electrode potentials of 2-(4,5-dihydroxy-2-methylphenyl)-2-phenyl-2H-indene-1,3-dione; experimental and theoretical attempts. <i>Journal of Molecular Modeling</i> , 2008 , 14, 325-33	2	2
29	Nonelectroactive recognition: Monitoring of perphenazine by its subsecond adsorption on an Au microelectrode by the fast fourier transform continuous cyclic voltammetric technique (FFTCCV). <i>Russian Journal of Electrochemistry</i> , 2008 , 44, 1015-1023	1.2	2
28	Screening yeast cells for absorption of selenium oxyanions. <i>World Journal of Microbiology and Biotechnology</i> , 2003 , 19, 181-184	4.4	2
27	Nanosilver-DNA Hybrid Modified Electrode for Electrochemical Sensing of Buspirone in Biological Samples and Pharmaceutical Preparation. <i>Sensor Letters</i> , 2012 , 10, 814-820	0.9	2
26	FABRICATION OF A COBALT(II) PVC-MEMBRANE SENSOR BASED ON N-(ANTIPYRIDYNIL)-N'-(2-METHOXYPHENYL)THIOUREA. <i>Journal of the Chilean Chemical Society</i> , 2007 , 52,	2.5	2
25	Optimized routes for the preparation of gadolinium carbonate and oxide nanoparticles and exploring their photocatalytic activity	7.4	2
24	Voltammetric Sensors Based on Various Nanomaterials for the Determination of Sulfonamides. <i>Current Analytical Chemistry</i> , 2019 , 15, 124-130	1.7	2
23	Electrochemical Determination of Lanthanides Series	2016	91-208
22	Application of experimental design for optimization of erbium determination by high-resolution continuum source electrothermal atomic absorption spectrometry using lanthanum as a chemical modifier. <i>Spectroscopy Letters</i> , 2016 , 49, 491-497	1.1	2
21	Optimizing the synthesis of terbium(III) molybdate nanoplates through an orthogonal array design. <i>Environmental Progress and Sustainable Energy</i> , 2019 , 38, 13091	2.5	2
20	Antibody-oriented immobilization for newcastle disease virus detection using label free electrochemical immunosensor. <i>Chemical Papers</i> , 2021 , 75, 3061-3072	1.9	2
19	Review on oxidative stress relation on COVID-19: Biomolecular and bioanalytical approach. <i>International Journal of Biological Macromolecules</i> , 2021 , 189, 802-818	7.9	2

18	Application of Taguchi robust design to the optimization of the synthesis of holmium carbonate and oxide nanoparticles and exploring their photocatalyst behaviors for water treatment. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 11383-11392	2.1	1
17	Layer-by-Layer Cathodic Deposition of Ni/Ni(OH) ₂ Particles on Steel Gauze Electrode for High-Performance Supercapacitor Application. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 7330-7338	1.3	1
16	Chitosan Composites: Preparation and Applications in Removing Water Pollutants 2017 , 577-672		1
15	Uranyl Microsensor: An Asymmetric Potentiometric Membrane Sensor Based on a New Calix[4]arene. <i>Analytical Letters</i> , 2010 , 43, 2220-2233	2.2	1
14	A Biocompatible Nanocomposite for Glucose Sensing. <i>International Journal of Electrochemistry</i> , 2011 , 2011, 1-7	2.4	1
13	Facile electrochemical preparation of overoxidized polypyrrole/RGO composite for ds-DNA immobilization: a novel signal amplified sensing platform for electrochemical determination of chlorpheniramine. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020 , 28, 57-64	3.9	1
12	Extended Gate Field Effect Transistor Based Sensor for Detection of Trace Amounts of Anti-Depressant Drug. <i>IEEE Access</i> , 2020 , 8, 198010-198020	3.5	1
11	A novel nano-electrocatalyst based on LaCoFe ₂ O ₄ @Graphene as a candidate cathode for metal-air batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 8535-8544	2.1	1
10	Molecularly Imprinted Polymers as Biomimetic Molecules: Synthesis and their Pharmaceutical Applications 267-326		
9	Direct Detection of Ofloxacin using MWCNT@Sm(OH) ₃ Nanocomposite Modified Carbon Paste Electrode. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 077506	3.9	0
8	The global trend of exosome in diabetes research: A bibliometric approach.. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2022 , 16, 102450	8.9	0
7	Simultaneous electrochemical determination of morphine and methadone by using CMK-5 mesoporous carbon and multivariate calibration.. <i>Scientific Reports</i> , 2022 , 12, 8270	4.9	0
6	Liquid-Phase Microextraction 2015 , 1625-1658		
5	Application of adsorptive voltammetry for the detection of sub-nano molar cyclizine in biological fluids and tablets using fast Fourier transform continuous cyclic voltammetry in a flowing system. <i>Analytical Sciences</i> , 2009 , 25, 505-10	1.7	
4	Electro-organic synthesis and characterization of new dihydroxybenzene dinitrile derivatives with fluorescent properties. <i>Chemical and Pharmaceutical Bulletin</i> , 2008 , 56, 749-52	1.9	
3	A new label-free immunosensor for detection of infectious bursal disease virus using fast Fourier transforms square wave voltammetry. <i>International Journal of Environmental Analytical Chemistry</i> , 2015 , 1-15	1.8	
2	Spectrometric Determination of Lanthanides Series 2016 , 209-358		
1	Highly Sensitive Detection of the Antidepressant Fluoxetine with an Extended Gate Field Effect Transistor. <i>IEEE Sensors Journal</i> , 2022 , 1-1	4	

