

Ali A Ensafi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2966326/ali-a-ensafi-publications-by-year.pdf>

Version: 2024-04-24

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.

517
papers

13,231
citations

56
h-index

79
g-index

526
ext. papers

14,645
ext. citations

5.1
avg, IF

7.27
L-index

#	Paper	IF	Citations
517	Noble metals and nonnoble metal oxides based electrochemical sensors 2022 , 115-140		0
516	Functionalized nanomaterial-based medical sensors for point-of-care applications: An overview 2022 , 277-308		0
515	Molecularly imprinted biosensors for sensitive detection of biomarkers 2022 , 435-456		
514	Functionalized nanomaterial-based environmental sensors: An overview 2022 , 143-164		0
513	Green application of trimetallic nickel-cobalt-molybdenum nanocomposites on 3D graphene oxide as a powerful electrocatalyst for hydrogen evolution reaction.. <i>Chemosphere</i> , 2022 , 133670	8.4	0
512	Energy Band Engineering by CdTe/Si Codoped TiO ₂ Nanoarrays for Enhanced Photoelectrochemical Water Splitting. <i>ACS Applied Energy Materials</i> , 2022 , 5, 2795-2804	6.1	0
511	CoNiSe ₂ /Fe-CoNiSe ₂ yolk-shell nanoboxes from metal-organic frameworks for high-performance supercapacitor. <i>Electrochimica Acta</i> , 2022 , 417, 140338	6.7	4
510	Graphene-like sheets supported Fe-Co layered double hydroxides nanoflakes as an efficient electrocatalyst for both hydrogen and oxygen evolution reaction, A green investigation.. <i>Chemosphere</i> , 2022 , 134251	8.4	0
509	Nickel/cobalt/copper sulfide dodecahedral hollow multi-shelled structures, characterization, and application as a suitable nanomaterial for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2022 , 420, 140437	6.7	0
508	Simultaneous determination of some opioid drugs using Cu-hemin MOF@MWCNTs as an electrochemical sensor. <i>Chemosphere</i> , 2022 , 135149	8.4	2
507	Electrochemical properties of modified poly(4-aminothiophenol)-Zn-Ni MOF-reduced graphene oxide nanocomposite for high-performance supercapacitors. <i>Fuel</i> , 2022 , 324, 124724	7.1	0
506	Upconversion graphene quantum dots incorporation in performance enhancement of p-i-n perovskite solar cells. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106898	6.8	0
505	A theoretical and experimental study of polyaniline/GCE and DNA G-quadruplex conformation as an impedimetric biosensor for the determination of potassium ions.. <i>Chemosphere</i> , 2021 , 133460	8.4	0
504	An ultrasensitive electrochemical aptasensor based on a single-stranded aptamer-Au@Fe-MIL-88 complex using methylene blue as an electrochemical probe for insulin detection. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 7451-7462	4.4	1
503	Molecular Engineering for Bottom-Up Construction of High-Performance Non-Precious-Metal Electrocatalysts with Well-Defined Active Sites. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 22397-22420	3.8	2
502	Ultra-sensitive electrochemical aptasensor based on zeolitic imidazolate framework-8 derived Ag/Au core-shell nanoparticles for mercury detection in water samples. <i>Sensors and Actuators B: Chemical</i> , 2021 , 331, 129426	8.5	11
501	Magnetic and gold nanocomposite as a novel aptasensor for early detection of tetracycline residues. <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 3387-3396	2.8	4

500	Fabrication of a Highly Sensitive and Selective Electrochemical Imidacloprid Sensor Using a Glassy Carbon Electrode Modified With MWCNTs/SBA-15@Si-CDs Nanocomposite. <i>IEEE Sensors Journal</i> , 2021 , 21, 9763-9770	4	0
499	Development of a new simple spectroscopic determination coupled acid-motivated delivery system based on fluorescence turn-off MSNs@MPA-ZnS QDs for infection. <i>Microporous and Mesoporous Materials</i> , 2021 , 317, 110971	5.3	4
498	A comparative analysis on the morphology and electrochemical performances of solution-casted and electrospun PEO-based electrolytes: The effect of fiber diameter and surface density. <i>Electrochimica Acta</i> , 2021 , 368, 137339	6.7	2
497	Development of an eco-friendly fluorescence nanosensor based on molecularly imprinted polymer on silica-carbon quantum dot for the rapid indoxacarb detection. <i>Food Chemistry</i> , 2021 , 339, 127920	8.5	23
496	Ultra-sensitive and selective electrochemical biosensor with aptamer recognition surface based on polymer quantum dots and C/MWCNTs- polyethylenimine nanocomposites for analysis of thrombin protein. <i>Bioelectrochemistry</i> , 2021 , 138, 107701	5.6	20
495	Novel synthesis of a dual fluorimetric sensor for the simultaneous analysis of levodopa and pyridoxine. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 377-387	4.4	8
494	A Novel Non-enzymatic Selective and Sensitive Glucose Sensor Based on Nickel-Copper Oxide@3D-rGO/MWCNTs. <i>Electroanalysis</i> , 2021 , 33, 304-313	3	0
493	Fundamental aspects of molecular imprinting 2021 , 5-20		
492	Electrochemical sensor based on glassy carbon electrode modified by polymelamine formaldehyde/graphene oxide nanocomposite for ultrasensitive detection of oxycodone. <i>Mikrochimica Acta</i> , 2021 , 188, 1	5.8	40
491	Parameters that affect molecular imprinting polymers 2021 , 21-48		1
490	Metal-organic framework derived metal oxide/reduced graphene oxide nanocomposite, a new tool for the determination of dipyrindamole. <i>New Journal of Chemistry</i> , 2021 , 45, 2781-2790	3.6	0
489	A New Nanocomposite Based on Pt-rGO Embedded Polymelamine Formaldehyde Nanocomposite for Reduction of Carbon Dioxide. <i>Electroanalysis</i> , 2021 , 33, 1567-1577	3	
488	Ultrasensitive electrochemical molecularly imprinted sensor based on AuE/Ag-MOF@MC for determination of hemoglobin using response surface methodology. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 4895-4906	4.4	5
487	A Novel Aptasensor Based on the Formation of Intermolecular G Quadruplex DNA and Carbon Dots for Fluorescence Determination Potassium Ions in Human Urine and Blood Serum Samples. <i>IEEE Sensors Journal</i> , 2021 , 21, 16443-16450	4	
486	A Selective Electrochemical Sensor Based on a Modified-Glassy Carbon Electrode Using f-MWCNTs-Polydopamine for Ciprofloxacin Detection. <i>IEEE Sensors Journal</i> , 2021 , 21, 19714-19721	4	2
485	Iron-doped cobalt copper phosphide/phosphate composite with 3D hierarchical flower-like structures as electrodes for hybrid supercapacitors. <i>Electrochimica Acta</i> , 2021 , 393, 139061	6.7	4
484	Bimetallic metal organic framework-derived for both battery-like supercapacitor (electrolyte study) and hydrogen evolution reaction. <i>Electrochimica Acta</i> , 2021 , 395, 139192	6.7	1
483	Development of an electrochemical biosensor for impedimetric detection of tetracycline in milk. <i>Journal of Food Science and Technology</i> , 2020 , 57, 4697-4706	3.3	15

482	Synthesis of graphene oxide-polychrysoidine nanocomposite for supercapacitor applications. <i>Journal of Energy Storage</i> , 2020 , 29, 101334	7.8	4
481	Novel electrospun polymer electrolytes incorporated with Keggin-type hetero polyoxometalate fillers as solvent-free electrolytes for lithium ion batteries. <i>Polymer International</i> , 2020 , 69, 675-687	3.3	8
480	A Sensitive and Selective Optical Sensor Based on Molecularly Imprinting Technique Using Green Synthesized Carbon Dots for Determination of Trace Amount of Metronidazole. <i>IEEE Sensors Journal</i> , 2020 , 20, 12530-12536	4	5
479	Novel Histamine Fluorosensor Based on Modified Environmental Friendly Carbon Nanoparticles From Gum Tragacanth. <i>IEEE Sensors Journal</i> , 2020 , 20, 13229-13235	4	6
478	Reduced graphene oxide and carbon nanotubes composite functionalized by azobenzene, characterization and its potential as a curcumin electrochemical sensor. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 873, 114418	4.1	11
477	Development of a Selective and Sensitive Chlorogenic Acid Fluorimetric Sensor Using Molecularly Imprinted Polymer ZnO Quantum Dots. <i>IEEE Sensors Journal</i> , 2020 , 20, 5691-5697	4	9
476	The effect of concentration and ratio of ethylene carbonate and propylene carbonate plasticizers on characteristics of the electrospun PEO-based electrolytes applicable in lithium-ion batteries. <i>Solid State Ionics</i> , 2020 , 347, 115252	3.3	12
475	Design a fluorometric aptasensor based on CoOOH nanosheets and carbon dots for simultaneous detection of lysozyme and adenosine triphosphate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 233, 118197	4.4	20
474	Sensitive imprinted optical sensor based on mesoporous structure and green nanoparticles for the detection of methamphetamine in plasma and urine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 231, 118077	4.4	10
473	The role of GQDs additive in TiO ₂ nanorods as an electron transfer layer on performance improvement of the perovskite solar cells. <i>Electrochimica Acta</i> , 2020 , 337, 135822	6.7	12
472	A novel three-dimensional network of CuCrO/CuO nanofibers for voltammetric determination of anticancer drug methotrexate. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 2443-2453	4.4	10
471	Ultrasensitive voltammetric and impedimetric aptasensor for diazinon pesticide detection by VS quantum dots-graphene nanoplatelets/carboxylated multiwalled carbon nanotubes as a new group nanocomposite for signal enrichment. <i>Analytica Chimica Acta</i> , 2020 , 1111, 92-102	6.6	27
470	Electrochemical Sensing of Flutamide Contained in Plasma and Urine Matrices Using NiFe ₂ O ₄ /rGO Nanocomposite, as an Efficient and Selective Electrocatalyst. <i>Electroanalysis</i> , 2020 , 32, 1717-1724	3	15
469	Ni ₃ S ₂ Supported on Porous Ball-milled Silicon, a Highly Selective Electrochemical Sensor for Glucose Determination. <i>Electroanalysis</i> , 2020 , 32, 1707-1716	3	2
468	Preparation and comparison of molecularly imprinted polymer fluorimetric nanoprobe based on polymer dots and carbon quantum dots for determination of acetamiprid using response surface method. <i>Mikrochimica Acta</i> , 2020 , 187, 294	5.8	10
467	Development of Optical Sensors Based on Quantum Dots Using Molecularly Imprinted Polymers for Determination of Prilocaine. <i>Methods in Molecular Biology</i> , 2020 , 2135, 275-283	1.4	2
466	Electrochemical Sensors for Quality Determination of Fruits and Vegetables 2020 , 111-141		
465	Synthesis of engineered graphene nanocomposites coated with NiCo metal-organic frameworks as electrodes for high-quality supercapacitor. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 32059-32071	6.7	18

464	Green synthesized carbon dots embedded in silica molecularly imprinted polymers, characterization and application as a rapid and selective fluorimetric sensor for determination of thiabendazole in juices. <i>Food Chemistry</i> , 2020 , 310, 125812	8.5	51
463	Detection of theophylline using molecularly imprinted polymers based on thioglycolic acid-modified CdTe quantum dots. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 601-608	2	3
462	The investigation of Amido black 10B adsorption-photocatalytic degradation using the synergistic effect of Cr-doped ZnO/CDs nanocomposite under solar light. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 8759-8771	5.1	6
461	Fabrication of Electrochemical Sensor Based on CeO ₂ /SnO ₂ Nanocomposite Loaded on Pd Support for Determination of Nitrite at Trace Levels. <i>Electroanalysis</i> , 2020 , 32, 1025-1033	3	8
460	Electrospun PEO nanofibrous membrane enable by LiCl, LiClO ₄ , and LiTFSI salts: a versatile solvent-free electrolyte for lithium-ion battery application. <i>Ionics</i> , 2020 , 26, 3249-3260	2.7	13
459	Perspective Paper-Based Biosensors: Trending Topic in Clinical Diagnostics Developments and Commercialization. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 037509	3.9	16
458	Facile Synthesis of Yolk-Shelled CuCoSe Microspheres as a Novel Electrode Material for Supercapacitor Application. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 418-427	9.5	26
457	An innovative highly sensitive electrochemical sensor based on modified electrode with carbon quantum dots and multiwall carbon nanotubes for determination of methadone hydrochloride in real samples. <i>Analytical Methods</i> , 2020 , 12, 5210-5218	3.2	5
456	Modification of copper electrode with copper nanoparticles@ reduced graphene oxide/Nile blue and its application in electrochemical CO ₂ conversion. <i>Materials Today Energy</i> , 2020 , 18, 100507	7	9
455	Efficiency improvement of luminescent solar concentrators using upconversion nitrogen-doped graphene quantum dots. <i>Journal of Power Sources</i> , 2020 , 476, 228647	8.9	12
454	Electrospun core-shell nanofibers based on polyethylene oxide reinforced by multiwalled carbon nanotube and silicon dioxide nanofillers: A novel and effective solvent-free electrolyte for lithium ion batteries. <i>International Journal of Energy Research</i> , 2020 , 44, 7000-7014	4.5	6
453	Graphitic carbon nitride nanosheets coated with Ni ₂ CoS ₄ nanoparticles as a high-rate electrode material for supercapacitor application. <i>Ceramics International</i> , 2019 , 45, 8518-8524	5.1	14
452	A selective and sensitive detection of residual hazardous textile dyes in wastewaters using voltammetric sensor. <i>Microchemical Journal</i> , 2019 , 146, 548-556	4.8	9
451	. <i>IEEE Sensors Journal</i> , 2019 , 19, 3593-3600	4	10
450	Pd@CeO ₂ -SnO ₂ nanocomposite, a highly selective and sensitive hydrogen peroxide electrochemical sensor. <i>Sensors and Actuators B: Chemical</i> , 2019 , 296, 126683	8.5	23
449	Effect of titanium dioxide and zinc oxide fillers on morphology, electrochemical and mechanical properties of the PEO-based nanofibers, applicable as an electrolyte for lithium-ion batteries. <i>Materials Research Express</i> , 2019 , 6, 0850d6	1.7	17
448	Fabrication of a highly sensitive and selective modified electrode for imidacloprid determination based on designed nanocomposite graphene quantum dots/ionic liquid/multiwall carbon nanotubes/polyaniline. <i>Sensors and Actuators B: Chemical</i> , 2019 , 296, 126682	8.5	23
447	An impedimetric aptasensor for ultrasensitive detection of Penicillin G based on the use of reduced graphene oxide and gold nanoparticles. <i>Mikrochimica Acta</i> , 2019 , 186, 372	5.8	25

446	An ultrasensitive electrochemical anti-lysozyme aptasensor with biorecognition surface based on aptamer/amino-rGO/ionic liquid/amino-mesoporous silica nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 181, 16-24	6	14
445	Copper nanoparticles immobilized on a hybrid chitosan derivative-graphite substrate as a novel electrocatalyst for the oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 16497-16506	6.7	7
444	Electrochemical reduction of CO ₂ to ethanol using copper nanofoam electrode and 1-butyl-3-methyl-imidazolium bromide as the homogeneous co-catalyst. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103141	6.8	16
443	Nickel-Ferrite Oxide Decorated on Reduced Graphene Oxide, an Efficient and Selective Electrochemical Sensor for Detection of Furazolidone. <i>IEEE Sensors Journal</i> , 2019 , 19, 5396-5403	4	14
442	The impressive effect of eco-friendly carbon dots on improving the performance of dye-sensitized solar cells. <i>Solar Energy</i> , 2019 , 182, 412-419	6.8	28
441	Selective Fluorescence Determination of Amoxicillin Antibiotic Based on Inner Filter Effect of Glutathione-Capped@CdTe Quantum Dots With Cobalt as a Mediating Agent. <i>IEEE Sensors Journal</i> , 2019 , 19, 5369-5375	4	4
440	Fluorometric label-free aptasensor for detection of the pesticide acetamiprid by using cationic carbon dots prepared with cetrimonium bromide. <i>Mikrochimica Acta</i> , 2019 , 186, 273	5.8	34
439	Simple and green synthesis of carbon dots (CDs) from valerian root and application of modified mesoporous boehmite (ALOOH) with CDs as a fluorescence probe for determination of imipramine. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 3115-3124	4.4	9
438	Evaluating the electrochemical properties of PEO-based nanofibrous electrolytes incorporated with TiO ₂ nanofiller applicable in lithium-ion batteries. <i>Polymers for Advanced Technologies</i> , 2019 , 30, 1234-1242	3.2	20
437	An optical sensor with specific binding sites for the detection of thioridazine hydrochloride based on ZnO-QDs coated with molecularly imprinted polymer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 206, 460-465	4.4	23
436	A novel optical sensor based on carbon dots embedded molecularly imprinted silica for selective acetamiprid detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 210, 36-43	4.4	27
435	An introduction to sensors and biosensors 2019 , 1-10		7
434	Typically used carbon-based nanomaterials in the fabrication of biosensors 2019 , 77-98		6
433	Detection of sulfadimethoxine in meat samples using a novel electrochemical biosensor as a rapid analysis method. <i>Journal of Food Composition and Analysis</i> , 2019 , 82, 103252	4.1	25
432	Nanofibrous poly(ethylene oxide)-based structures incorporated with multi-walled carbon nanotube and graphene oxide as all-solid-state electrolytes for lithium ion batteries. <i>Polymer International</i> , 2019 , 68, 1787-1794	3.3	19
431	Manufacturing of a Sensitive and Selective Optical Sensor Based on Molecularly Imprinted Polymers and Green Carbon Dots Synthesized from Cedrus Plant for Trace Analysis of Propranolol. <i>Analytical Sciences</i> , 2019 , 35, 1083-1088	1.7	10
430	An impedimetric biosensor based on poly(L-lysine)-decorated multiwall carbon nanotubes for the determination of diazinon in water and fruits. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 2777-2785		7
429	Electrospun Polyethylene Oxide-Based Membranes Incorporated with Silicon Dioxide, Aluminum Oxide and Clay Nanoparticles as Flexible Solvent-Free Electrolytes for Lithium-Ion Batteries. <i>Jom</i> , 2019 , 71, 4537-4546	2.1	12

428	Electrochemical conversion of CO ₂ to methanol using a glassy carbon electrode, modified by Pt@histamine-reduced graphene oxide. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 30820-30831	6.7	16
427	Metal-Organic Frameworks Derived Materials for Supercapacitors 2019 , 187-212		
426	Application of coated green source carbon dots with silica molecularly imprinted polymers as a fluorescence probe for selective and sensitive determination of phenobarbital. <i>Talanta</i> , 2019 , 194, 143-149	6.3	38
425	MWCNTs/Ionic Liquid/Graphene Quantum Dots Nanocomposite Coated with Nickel-Cobalt Bimetallic Catalyst as a Highly Selective Non-enzymatic Sensor for Determination of Glucose. <i>Electroanalysis</i> , 2019 , 31, 40-49	3	8
424	Morphology and electrochemical and mechanical properties of polyethylene-oxide-based nanofibrous electrolytes applicable in lithium ion batteries. <i>Polymer International</i> , 2019 , 68, 746-754	3.3	14
423	An ancient plant for the synthesis of a novel carbon dot and its applications as an antibacterial agent and probe for sensing of an anti-cancer drug. <i>Materials Science and Engineering C</i> , 2019 , 98, 826-833	8.3	53
422	An optical sensor based on inner filter effect using green synthesized carbon dots and Cu(II) for selective and sensitive penicillamine determination. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 355-363	2	8
421	Thermally reduced graphene oxide/polymelamine formaldehyde nanocomposite as a high specific capacitance electrochemical supercapacitor electrode. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 6045-6053	1.3	15
420	Electrochemical analysis of AC-electrophoretic combination of TiO ₂ nanoparticle and open-ended nanotube membrane. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 814, 127-133	4.1	1
419	Molecularly imprinted electrochemical aptasensor for the attomolar detection of bisphenol A. <i>Mikrochimica Acta</i> , 2018 , 185, 265	5.8	33
418	Efficient and stable HER electrocatalyst using Pt-nanoparticles@poly(3,4-ethylenedioxythiophene) modified sulfonated graphene nanocomposite. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 8323-8332	6.7	12
417	Lysozyme aptasensor based on a glassy carbon electrode modified with a nanocomposite consisting of multi-walled carbon nanotubes, poly(diallyl dimethyl ammonium chloride) and carbon quantum dots. <i>Mikrochimica Acta</i> , 2018 , 185, 180	5.8	22
416	3D TiO ₂ self-acting system based on dye-sensitized solar cell and g-C ₃ N ₄ /TiO ₂ -MIP to enhanced photodegradation performance. <i>Renewable Energy</i> , 2018 , 123, 281-293	8.1	17
415	Hydrogen evolution reaction and formic acid oxidation by decorated nanostructural Pt/Pd on a copper-filled nanoporous stainless steel. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 955-965	2	5
414	NiO nanoparticles decorated at Nile blue-modified reduced graphene oxide, new powerful electrocatalysts for water splitting. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 816, 160-170	4.1	10
413	Magnetic Fe ₂ CuO ₄ /rGO nanocomposite as an efficient recyclable catalyst to convert discard tire into diesel fuel and as an effective mercury adsorbent from wastewater. <i>Journal of Cleaner Production</i> , 2018 , 172, 68-80	10.3	22
412	Phosphine-functionalized graphene oxide, a high-performance electrocatalyst for oxygen reduction reaction. <i>Applied Surface Science</i> , 2018 , 427, 722-729	6.7	5
411	Photovoltaic Performance Analysis of Dye-Sensitized Solar Cell Based on the Ag(4,4'-Dicyanamidobiphenyl) Complex as a Light-Scattering Layer Agent and Linker Molecule on TiO ₂ Photoanode. <i>IEEE Journal of Photovoltaics</i> , 2018 , 8, 1230-1236	3.7	3

410	Porous magnetic iron- manganese oxide nanocubes derived from metal organic framework deposited on reduced graphene oxide nanoflake as a bi-functional electrocatalyst for hydrogen evolution and oxygen reduction reaction. <i>Electrochimica Acta</i> , 2018 , 283, 1359-1365	6.7	17
409	Three-dimensional graphene promoted by palladium nanoparticles, an efficient electrocatalyst for energy production and storage. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 9652-9662	6.7	14
408	Engineering onion-like nanoporous CuCo ₂ O ₄ hollow spheres derived from bimetallic organic frameworks for high-performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 10497-10506	13	89
407	An ultrasensitive and selective electrochemical aptasensor based on rGO-MWCNTs/Chitosan/carbon quantum dot for the detection of lysozyme. <i>Biosensors and Bioelectronics</i> , 2018 , 115, 37-44	11.8	62
406	Metronidazole determination with an extremely sensitive and selective electrochemical sensor based on graphene nanoplatelets and molecularly imprinted polymers on graphene quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2018 , 270, 192-199	8.5	78
405	Porous Silicon Electrochemical Biosensors: Basic Principles and Detection Strategies 2018 , 1275-1291		1
404	Electro-deposition under a modulated electrical field as an enhanced method for the preparation of an efficient photoanode of dye-sensitized solar cells. <i>Journal of Solid State Electrochemistry</i> , 2018 , 22, 157-167	2.6	
403	WS ₂ grafted on silicon and nano-silicon particles etched: a high-performance electrocatalyst for hydrogen evolution reaction. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 613-620	2	2
402	Adenine decorated@reduced graphene oxide, a new environmental friendly material for supercapacitor application. <i>Journal of Alloys and Compounds</i> , 2018 , 735, 1010-1016	5.7	14
401	Synthesis of molecularly imprinted polymer on carbon quantum dots as an optical sensor for selective fluorescent determination of promethazine hydrochloride. <i>Sensors and Actuators B: Chemical</i> , 2018 , 257, 889-896	8.5	71
400	An impedimetric aptasensor for Shigella dysenteriae using a gold nanoparticle-modified glassy carbon electrode. <i>Mikrochimica Acta</i> , 2018 , 185, 538	5.8	35
399	A Novel Optosensor for Rapid Detection of Difenoconazole Using Molecularly Imprinted Polymers. <i>IEEE Sensors Journal</i> , 2018 , 18, 9466-9470	4	5
398	Reduction of carbon dioxide to methanol on the surface of adenine functionalized reduced graphene oxide at a low potential. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 23262-23274	6.7	16
397	Photocatalytic degradation enhancements of dyes with bi-functionalized zones of modified nanoflower like TiO ₂ with Pt-C ₃ N ₄ under sunlight irradiation. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 7010-7020	6.8	3
396	Application of modified mesoporous boehmite (EALOOH) with green synthesis carbon quantum dots for a fabrication biosensor to determine trace amounts of doxorubicin. <i>Luminescence</i> , 2018 , 33, 1377-1386	2.5	22
395	Using (t-Bu) ₅ [PW ₁₁ CoO ₃₉] to fabricate a sponge graphene network for energy storage in seawater and acidic solutions. <i>Electrochimica Acta</i> , 2018 , 289, 13-20	6.7	5
394	A new quaternary nanohybrid composite electrode for a high-performance supercapacitor. <i>Energy</i> , 2018 , 164, 707-721	7.9	16
393	Reduced graphene oxide decorated with thionine, excellent nanocomposite material for a powerful electrochemical supercapacitor. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 19102-19110	6.7	13

392	A novel aptasensor based on 3D-reduced graphene oxide modified gold nanoparticles for determination of arsenite. <i>Biosensors and Bioelectronics</i> , 2018 , 122, 25-31	11.8	38
391	A fluorometric aptasensor for methamphetamine based on fluorescence resonance energy transfer using cobalt oxyhydroxide nanosheets and carbon dots. <i>Mikrochimica Acta</i> , 2018 , 185, 303	5.8	23
390	Cerium(IV) oxide decorated on reduced graphene oxide, a selective and sensitive electrochemical sensor for fenitrothion determination. <i>Sensors and Actuators B: Chemical</i> , 2017 , 245, 980-987	8.5	56
389	Thionine-functionalized graphene oxide, new electrocatalyst for determination of nitrite. <i>Journal of the Iranian Chemical Society</i> , 2017 , 14, 1069-1078	2	2
388	Nanostructure polyoxometalates containing Co, Ni, and Cu as powerful and stable catalysts for hydrogen evolution reaction in acidic and alkaline solutions. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 5026-5034	6.7	31
387	Beneficial effects of amino acid-functionalized graphene nanosheets incorporated in the photoanode material of dye-sensitized solar cells: A practical and theoretical study. <i>Applied Surface Science</i> , 2017 , 403, 218-229	6.7	7
386	Pt-Pd nanoparticles decorated sulfonated graphene-poly(3,4-ethylene dioxythiophene) nanocomposite, An efficient HER electrocatalyst. <i>Energy</i> , 2017 , 126, 88-96	7.9	21
385	Developing a sensitive DNA biosensor for the detection of flutamide using electrochemical method. <i>Journal of the Iranian Chemical Society</i> , 2017 , 14, 1325-1334	2	9
384	Metal (Ni and Bi) coated porous silicon nanostructure, high-performance anode materials for lithium ion batteries with high capacity and stability. <i>Journal of Alloys and Compounds</i> , 2017 , 712, 233-240	5.7	21
383	Quenching-recovery fluorescent biosensor for DNA detection based on mercaptopropionic acid-capped cadmium telluride quantum dots aggregation. <i>Sensors and Actuators B: Chemical</i> , 2017 , 249, 149-155	8.5	9
382	Synergetic effect of synthesized sulfonated polyaniline/quaternized graphene and its application as a high-performance supercapacitor electrode. <i>Journal of Materials Science</i> , 2017 , 52, 9683-9695	4.3	28
381	Study the role of poly(diethyl aminoethyl methacrylate) as a modified and grafted shell for TiO ₂ and ZnO nanoparticles, application in flutamide delivery. <i>Reactive and Functional Polymers</i> , 2017 , 116, 1-8	4.6	14
380	Co(OH) ₂ nanoparticles deposited on reduced graphene oxide nanoflake as a suitable electrode material for supercapacitor and oxygen evolution reaction in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 16538-16546	6.7	30
379	CoFe ₂ O ₄ /reduced graphene oxide/ionic liquid modified glassy carbon electrode, a selective and sensitive electrochemical sensor for determination of methotrexate. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017 , 78, 45-50	5.3	22
378	Development of a nano plastic antibody for determination of propranolol using CdTe quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2017 , 252, 846-853	8.5	28
377	Development of highly selective and sensitive fluorimetric label-free mercury aptasensor based on cysteamine@CdTe/ZnS quantum dots, experimental and theoretical investigation. <i>Sensors and Actuators B: Chemical</i> , 2017 , 247, 400-407	8.5	15
376	A modified electrode using carboxylated multiwalled carbon nanotubes and 1-butyl-2,3-dimethylimidazolium hexafluorophosphate ionic liquid for a simultaneous hazardous textile dye sensor. <i>Analytical Methods</i> , 2017 , 9, 267-275	3.2	9
375	Self-assembled monolayer of 2-pyridinethiol@Pt-Au nanoparticles, a new electrocatalyst for reducing of CO ₂ to methanol. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 804, 29-35	4.1	14

374	Electrochemical Determination of Fenitrothion Organophosphorus Pesticide Using Polyzincon Modified-glassy Carbon Electrode. <i>Electroanalysis</i> , 2017 , 29, 2839-2846	3	13
373	Facile synthesis of Co(OH) ₂ magnetic nanoflake deposited on reduced graphene oxide nanoflake as an efficient bi-functional electrocatalyst for oxygen evolution/reduction reactions in alkaline media. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 805, 11-17	4.1	12
372	Simultaneous detection of folic acid and methotrexate by an optical sensor based on molecularly imprinted polymers on dual-color CdTe quantum dots. <i>Analytica Chimica Acta</i> , 2017 , 996, 64-73	6.6	41
371	Nano-CeO ₂ /SiO ₂ as an efficient catalytic conversion of waste engine oil into liquid fuel. <i>Journal of Cleaner Production</i> , 2017 , 166, 1010-1019	10.3	11
370	Enhanced efficiency of dye-sensitized solar cell by using a novel modified photoanode with platinum C ₃ N ₄ nanotubes incorporated Ag/TiO ₂ nanoparticles. <i>Electrochimica Acta</i> , 2017 , 247, 764-770	6.7	14
369	Aptamer@Au-o-phenylenediamine modified pencil graphite electrode: A new selective electrochemical impedance biosensor for the determination of insulin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 159, 47-53	6	26
368	Bismuth Nanoparticles@Porous Silicon Nanostructure, Application as a Selective and Sensitive Electrochemical Sensor for the Determination of Thioridazine. <i>Electroanalysis</i> , 2017 , 29, 2461-2469	3	9
367	[PW ₁₁ MO ₃₉] ₅ decorated on Ru-reduced graphene oxide nanosheets, characterizations and application as a high performance storage energy and oxygen reduction reaction. <i>Chemical Engineering Journal</i> , 2017 , 330, 1109-1118	14.7	14
366	Enhanced efficiency of DSSC through AC-electrophoretic hybridization of TiO ₂ nanoparticle and nanotube. <i>Electrochimica Acta</i> , 2017 , 247, 410-419	6.7	13
365	A novel one-step and green synthesis of highly fluorescent carbon dots from saffron for cell imaging and sensing of prilocaine. <i>Sensors and Actuators B: Chemical</i> , 2017 , 253, 451-460	8.5	62
364	Electrochemical behavior of polyoxometalates decorated on poly diallyl dimethyl ammonium chloride-MWCNTs: A highly selective electrochemical sensor for determination of guanine and adenine. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017 , 78, 56-64	5.3	14
363	In situ production of silver nanoparticles for high sensitive detection of ascorbic acid via inner filter effect. <i>Materials Science and Engineering C</i> , 2017 , 71, 663-668	8.3	16
362	Nickel nanoparticles supported on porous silicon flour, application as a non-enzymatic electrochemical glucose sensor. <i>Sensors and Actuators B: Chemical</i> , 2017 , 239, 807-815	8.5	61
361	Modulated electrical field as a new pulse method to make TiO ₂ film for high- performance photo-electrochemical cells and modeling of the deposition process. <i>Journal of Solid State Electrochemistry</i> , 2017 , 21, 371-381	2.6	4
360	Development of a selective prilocaine optical sensor based on molecularly imprinted shell on CdTe quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2017 , 242, 835-841	8.5	44
359	Biosensing of naringin in marketed fruits and juices based on its interaction with DNA. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 19-27	2	14
358	A simple and sensitive fluorimetric aptasensor for the ultrasensitive detection of arsenic(III) based on cysteamine stabilized CdTe/ZnS quantum dots aggregation. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 499-504	11.8	62
357	Development of Sudan II sensor based on modified treated pencil graphite electrode with DNA, o-phenylenediamine, and gold nanoparticle bioimprinted polymer. <i>Sensors and Actuators B: Chemical</i> , 2016 , 222, 849-856	8.5	28

356	Silver nanoparticles decorated carboxylate functionalized SiO ₂ , New nanocomposites for non-enzymatic detection of glucose and hydrogen peroxide. <i>Electrochimica Acta</i> , 2016 , 214, 208-216	6.7	39
355	Electrocatalytic activity of bimetallic PdAu nanostructure supported on nanoporous stainless steel surface using galvanic replacement reaction toward the glycerol oxidation in alkaline media. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 782, 108-116	4.1	18
354	Pt-modified nitrogen doped reduced graphene oxide: A powerful electrocatalyst for direct CO ₂ reduction to methanol. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 783, 82-89	4.1	25
353	Galvanic exchange at layered double hydroxide/N-doped graphene as an in-situ method to fabricate powerful electrocatalysts for hydrogen evolution reaction. <i>Energy</i> , 2016 , 116, 1087-1096	7.9	17
352	Development of a cleanup and electrochemical determination of flutamide using silica thin film pencil graphite electrode functionalized with thiol groups. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 1683-1690	2	13
351	Non-enzymatic glucose electrochemical sensor based on silver nanoparticle decorated organic functionalized multiwall carbon nanotubes. <i>RSC Advances</i> , 2016 , 6, 60926-60932	3.7	37
350	Application of Modified Carbon Quantum Dots/Multiwall Carbon Nanotubes/Pencil Graphite Electrode for Electrochemical Determination of Dextromethorphan. <i>IEEE Sensors Journal</i> , 2016 , 16, 22194-2227 ¹⁹	4.2	19
349	Polyoxometalate-decorated graphene nanosheets and carbon nanotubes, powerful electrocatalysts for hydrogen evolution reaction. <i>Carbon</i> , 2016 , 99, 398-406	10.4	35
348	Silver nanoparticles decorated anchored type ligands as new electrochemical sensors for glucose detection. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 63, 39-45	5.3	21
347	Novel Alizarin palladacyclic complexes as sensitizers in high durable dye-sensitized solar cells. <i>Polyhedron</i> , 2016 , 109, 40-46	2.7	4
346	Fabrication of an electrochemical DNA-based biosensor for Bacillus cereus detection in milk and infant formula. <i>Biosensors and Bioelectronics</i> , 2016 , 80, 582-589	11.8	67
345	Hydrogen storage in hybrid of layered double hydroxides/reduced graphene oxide using spillover mechanism. <i>Energy</i> , 2016 , 99, 103-114	7.9	51
344	Pyridine-functionalized graphene oxide, an efficient metal free electrocatalyst for oxygen reduction reaction. <i>Electrochimica Acta</i> , 2016 , 194, 95-103	6.7	42
343	Electrochemical Determination of Papaverine on Mg-Al Layered Double Hydroxide/ Graphene Oxide and CNT Modified Carbon Paste Electrode. <i>IEEE Sensors Journal</i> , 2016 , 16, 3496-3503	4	15
342	Electrochemical sensor based on porous silicon/silver nanocomposite for the determination of hydrogen peroxide. <i>Sensors and Actuators B: Chemical</i> , 2016 , 231, 239-244	8.5	78
341	Facile synthesis of Pt-Cu@silicon nanostructure as a new electrocatalyst supported matrix, electrochemical detection of hydrazine and hydrogen peroxide. <i>Electrochimica Acta</i> , 2016 , 190, 199-207	6.7	42
340	Cobalt ferrite nanoparticles decorated on exfoliated graphene oxide, application for amperometric determination of NADH and H ₂ O ₂ . <i>Materials Science and Engineering C</i> , 2016 , 60, 276-284	8.3	45
339	A novel diagnostic biosensor for distinguishing immunoglobulin mutated and unmutated types of chronic lymphocytic leukemia. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 409-15	11.8	13

338 Interaction of Drugs of Addiction with DNA **2016**, 129-136

337 Porous Silicon Electrochemical Biosensors: Basic Principles and Detection Strategies **2016**, 1-17

336 Interaction of Codeine with DNA **2016**, 490-496

335 A simple and sensitive label-free fluorescence sensing of heparin based on Cdte quantum dots. *Luminescence*, **2016**, 31, 958-64 2.5 19

334 An electrochemical biosensor based on nanoporous stainless steel modified by gold and palladium nanoparticles for simultaneous determination of levodopa and uric acid. *Talanta*, **2016**, 158, 42-50 6.2 56

333 An electrochemical DNA sensor for determination of 6-thioguanine using adsorptive stripping voltammetry at HMDE: An anticancer drug DNA interaction study. *Russian Journal of Electrochemistry*, **2016**, 52, 320-329 1.2 6

332 Screening of Food Samples for Zearalenone Toxin Using an Electrochemical Bioassay Based on DNA-Zearalenone Interaction. *Food Analytical Methods*, **2016**, 9, 2463-2470 3.4 16

331 Highly efficient electrocatalytic oxidation of glycerol by Pt-Pd/Cu trimetallic nanostructure electrocatalyst supported on nanoporous stainless steel electrode using galvanic replacement. *Electrochimica Acta*, **2016**, 203, 41-50 6.7 23

330 Electrochemical study of quinone redox cycling: A novel application of DNA-based biosensors for monitoring biochemical reactions. *Bioelectrochemistry*, **2016**, 111, 15-22 5.6 18

329 Preparation of Three-Dimensional Ruthenium Oxide@Graphene Oxide Based on Etching of Ni-Al/Layered Double Hydroxides: Application for Electrochemical Hydrogen Generation. *Journal of the Electrochemical Society*, **2016**, 163, H610-H617 3.9 8

328 [ReCl(CO)₃(phen-dione)] as a homogeneous and heterogeneous electrocatalyst for the reduction of carbon dioxide. *Journal of CO₂ Utilization*, **2016**, 16, 354-360 7.6 13

327 Modified Au Nanoparticles/Imprinted Sol-Gel/Multiwall Carbon Nanotubes Pencil Graphite Electrode as a Selective Electrochemical Sensor for Papaverine Determination. *IEEE Sensors Journal*, **2016**, 16, 7037-7044 4 12

326 Ni₃S₂/ball-milled silicon flour as a bi-functional electrocatalyst for hydrogen and oxygen evolution reactions. *Energy*, **2016**, 116, 392-401 7.9 26

325 Ni-Co-Se nanoparticles modified reduced graphene oxide nanoflakes, an advance electrocatalyst for highly efficient hydrogen evolution reaction. *Electrochimica Acta*, **2016**, 213, 423-431 6.7 30

324 Synthesis of Functionalized MWCNTs Decorated with Copper Nanoparticles and Its Application as a Sensitive Sensor for Amperometric Detection of H₂O₂. *Electroanalysis*, **2015**, 27, 1457-1465 3 11

323 Experimental and theoretical investigation effect of flavonols antioxidants on DNA damage. *Analytica Chimica Acta*, **2015**, 887, 82-91 6.6 15

322 Polymeric nanoparticle of copper(II)-4,4'-dicyanamidobiphenyl ligand: Synthetic, spectral and structural aspect; application to electrochemical sensing of dopamine and ascorbic acid. *Applied Surface Science*, **2015**, 347, 315-320 6.7 7

321 A Novel DNA Biosensor Based on a Pencil Graphite Electrode Modified with Polypyrrole/Functionalized Multiwalled Carbon Nanotubes for Determination of 6-Mercaptopurine Anticancer Drug. *Industrial & Engineering Chemistry Research*, **2015**, 54, 3634-3639 3.9 350

320	Fabricated of bimetallic Pd/Pt nanostructure deposited on copper nanofoam substrate by galvanic replacement as an effective electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 6754-6762	6.7	51
319	A simple and rapid label-free fluorimetric biosensor for protamine detection based on glutathione-capped CdTe quantum dots aggregation. <i>Biosensors and Bioelectronics</i> , 2015 , 71, 243-248	11.8	43
318	A supported liquid membrane for microextraction of insulin, and its determination with a pencil graphite electrode modified with RuO ₂ -graphene oxide. <i>Mikrochimica Acta</i> , 2015 , 182, 1599-1607	5.8	11
317	Label-free and turn-on fluorescent cyanide sensor based on CdTe quantum dots using silver nanoparticles. <i>RSC Advances</i> , 2015 , 5, 40088-40093	3.7	18
316	Decoration of nanoporous stainless steel with nanostructured gold via galvanic replacement reaction and its application for electrochemical determination of dopamine. <i>Sensors and Actuators B: Chemical</i> , 2015 , 213, 484-492	8.5	19
315	Nanohybrid organic/inorganic chitosan/dopamine/TiO ₂ composites with controlled drug-delivery properties. <i>Applied Surface Science</i> , 2015 , 342, 26-33	6.7	38
314	Electrochemical ds-DNA-based biosensor decorated with chitosan modified multiwall carbon nanotubes for phenazopyridine biodetection. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015 , 54, 165-169	5.3	11
313	Impedimetric DNA-biosensor for the study of dopamine induces DNA damage and investigation of inhibitory and repair effects of some antioxidants. <i>Bioelectrochemistry</i> , 2015 , 104, 71-8	5.6	11
312	Electrochemical preparation and characterization of a polypyrrole/nickel-cobalt hexacyanoferrate nanocomposite for supercapacitor applications. <i>RSC Advances</i> , 2015 , 5, 91448-91456	3.7	42
311	Electrocatalytic reduction of CO ₂ using the dinuclear rhenium(I) complex [ReCl(CO) ₃ (EtptzH)Re(CO) ₃]. <i>Polyhedron</i> , 2015 , 101, 160-164	2.7	14
310	Selective and sensitive furazolidone biosensor based on DNA-modified TiO ₂ -reduced graphene oxide. <i>Applied Surface Science</i> , 2015 , 356, 301-307	6.7	29
309	Graphene/nano-porous silicon and graphene/bimetallic silicon nanostructures (Pt-M, M: Pd, Ru, Rh), efficient electrocatalysts for the hydrogen evolution reaction. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 23770-82	3.6	27
308	A new electrochemical sensor for the simultaneous determination of guanine and adenine: using a NiAl-layered double hydroxide/graphene oxide-multi wall carbon nanotube modified glassy carbon electrode. <i>RSC Advances</i> , 2015 , 5, 75756-75765	3.7	31
307	Electrochemical preparation of CuBi ₂ O ₄ nanoparticles on nanoporous stainless steel as a binder-free supercapacitor electrode. <i>Journal of Alloys and Compounds</i> , 2015 , 652, 39-47	5.7	34
306	Polybenzimidazole and polybenzimidazole/MoS ₂ hybrids as an active nitrogen sites: hydrogen generation application. <i>RSC Advances</i> , 2015 , 5, 100996-101005	3.7	8
305	Fabrication of DNA, o-phenylenediamine, and gold nanoparticle bioimprinted polymer electrochemical sensor for the determination of dopamine. <i>Biosensors and Bioelectronics</i> , 2015 , 66, 490-6	11.8	72
304	Differential pulse voltammetric determination of methyl dopa using MWCNTs modified glassy carbon decorated with NiFe ₂ O ₄ nanoparticles. <i>Ionics</i> , 2015 , 21, 1435-1444	2.7	13
303	Synthesis of new copper nanoparticle-decorated anchored type ligands: applications as non-enzymatic electrochemical sensors for hydrogen peroxide. <i>Materials Science and Engineering C</i> , 2015 , 47, 290-7	8.3	21

302	A Differential Pulse Voltammetric Sensor for Determination of Glutathione in Real Samples Using a Trichloro(terpyridine)ruthenium(III)/Multiwall Carbon Nanotubes Modified Paste Electrode. <i>IEEE Sensors Journal</i> , 2015 , 15, 483-490	4	14
301	Modified multiwall carbon nanotubes supported on graphite as a suitable solid nano-sorbent for selective separation and preconcentration of trace amounts of cadmium and lead ions. <i>Journal of the Iranian Chemical Society</i> , 2015 , 12, 457-467	2	10
300	Determination of atropine sulfate using a novel sensitive DNA-biosensor based on its interaction on a modified pencil graphite electrode. <i>Talanta</i> , 2015 , 131, 149-55	6.2	30
299	Fabrication of electrochemical sensor based on molecularly imprinted polymer and nanoparticles for determination trace amounts of morphine. <i>Ionics</i> , 2015 , 21, 2969-2980	2.7	31
298	Simultaneous determination of morphine and codeine using Pt nanoparticles supported on porous silicon flour modified ionic liquid carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2015 , 219, 1-9	8.5	44
297	Graphene nanosheets functionalized with Nile blue as a stable support for the oxidation of glucose and reduction of oxygen based on redox replacement of Pd-nanoparticles via nickel oxide. <i>Electrochimica Acta</i> , 2015 , 173, 619-629	6.7	45
296	A new electrochemical sensor for the simultaneous determination of acetaminophen and codeine based on porous silicon/palladium nanostructure. <i>Talanta</i> , 2015 , 134, 745-753	6.2	64
295	Facile synthesis of PtPd@Silicon nanostructure as an advanced electrocatalyst for direct methanol fuel cells. <i>Journal of Power Sources</i> , 2015 , 282, 452-461	8.9	27
294	A sensitive electrochemical sensor for hydroxylamine determination: Using multiwall carbon nanotube paste electrode (MWCNTPE) and promazine hydrochloride as homogenous mediator. <i>Sensors and Actuators B: Chemical</i> , 2015 , 211, 138-145	8.5	16
293	Impedimetric DNA-biosensor for the study of anti-cancer action of mitomycin C: comparison between acid and electroreductive activation. <i>Biosensors and Bioelectronics</i> , 2014 , 59, 282-8	11.8	13
292	A new sensitive optical bulk test-system for thallium based on pyridylazo resorcinol. <i>Journal of Analytical Chemistry</i> , 2014 , 69, 143-148	1.1	1
291	An electrochemical nanocomposite modified carbon paste electrode as a sensor for simultaneous determination of hydrazine and phenol in water and wastewater samples. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 5879-88	5.1	91
290	A novel electrochemical nanocomposite imprinted sensor for the determination of lorazepam based on modified polypyrrole@sol-gel@gold nanoparticles/pencil graphite electrode. <i>Electrochimica Acta</i> , 2014 , 123, 332-339	6.7	70
289	Caffeine electrochemical sensor using imprinted film as recognition element based on polypyrrole, sol-gel, and gold nanoparticles hybrid nanocomposite modified pencil graphite electrode. <i>Biosensors and Bioelectronics</i> , 2014 , 60, 77-83	11.8	79
288	A high sensitive biosensor based on FePt/CNTs nanocomposite/N-(4-hydroxyphenyl)-3,5-dinitrobenzamide modified carbon paste electrode for simultaneous determination of glutathione and piroxicam. <i>Biosensors and Bioelectronics</i> , 2014 , 60, 1-7	11.8	248
287	A novel sensitive doxorubicin impedimetric immunosensor based on a specific monoclonal antibody-gold nanoparticle-sol-gel modified electrode. <i>Talanta</i> , 2014 , 119, 164-9	6.2	30
286	Fabrication of a porous Pd film on nanoporous stainless steel using galvanic replacement as a novel electrocatalyst/electrode design for glycerol oxidation. <i>Electrochimica Acta</i> , 2014 , 136, 89-96	6.7	37
285	Development of a voltammetric procedure based on DNA interaction for sensitive monitoring of chrysoidine, a banned dye, in foods and textile effluents. <i>Sensors and Actuators B: Chemical</i> , 2014 , 202, 224-231	8.5	25

284	Sensitive voltammetric determination of cysteamine using promazine hydrochloride as a mediator and modified multi-wall carbon nanotubes carbon paste electrodes. <i>Ionics</i> , 2014 , 20, 1335-1342	2.7	9
283	Preparation of activated carbon from organic fraction of municipal solid wastes by ZnCl ₂ activation method and use it for elimination of chromium(VI) from aqueous solutions. <i>Journal of the Iranian Chemical Society</i> , 2014 , 11, 1075-1085	2	3
282	The fabrication and characterization of Cu-nanoparticle immobilization on a hybrid chitosan derivative-carbon support as a novel electrochemical sensor: application for the sensitive enzymeless oxidation of glucose and reduction of hydrogen peroxide. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 706-717	7.3	61
281	Nanostructure-based electrochemical sensor for determination of glutathione in hemolysed erythrocytes and urine. <i>Journal of Analytical Chemistry</i> , 2014 , 69, 892-898	1.1	4
280	A new electrochemical sensor based on porous silicon supported PtPd nanoalloy for simultaneous determination of adenine and guanine. <i>Sensors and Actuators B: Chemical</i> , 2014 , 204, 528-535	8.5	40
279	Graphene nanosheets functionalized with 4-aminothiophenol as a stable support for the oxidation of formic acid based on self-supported Pd-nanoclusters via galvanic replacement from Cu ₂ O nanocubes. <i>Journal of Electroanalytical Chemistry</i> , 2014 , 731, 20-27	4.1	11
278	On the Use of Amperometry for Real Time Assessment of Drug-Release Profile from Therapeutic Nanoparticles. <i>Electroanalysis</i> , 2014 , 26, 776-785	3	2
277	Development of a highly sensitive and selective mercury optical sensor based on immobilization of bis(thiophenyl)-4,4'-methylenedianiline on a PVC membrane. <i>Materials Science and Engineering C</i> , 2014 , 38, 73-8	8.3	5
276	Modified Au nanoparticles-imprinted sol-gel, multiwall carbon nanotubes pencil graphite electrode used as a sensor for ranitidine determination. <i>Materials Science and Engineering C</i> , 2014 , 37, 113-9	8.3	33
275	Voltammetric behavior of dopamine at a glassy carbon electrode modified with NiFe ₂ O ₄ magnetic nanoparticles decorated with multiwall carbon nanotubes. <i>Materials Science and Engineering C</i> , 2014 , 39, 78-85	8.3	39
274	A voltammetric sensor based on NiO/CNTs ionic liquid carbon paste electrode for determination of morphine in the presence of diclofenac. <i>Materials Science and Engineering C</i> , 2014 , 35, 379-85	8.3	113
273	NiFe ₂ O ₄ nanoparticles decorated with MWCNTs as a selective and sensitive electrochemical sensor for the determination of epinephrine using differential pulse voltammetry. <i>Analytical Methods</i> , 2014 , 6, 6885-6892	3.2	43
272	Electrocatalytic oxidation of hydrazine at poly(4,5-dihydroxy-1,3-benzenedisulfonic acid) multiwall carbon nanotubes modified-glassy carbon electrode: Improvement of the catalytic activity. <i>Journal of Analytical Chemistry</i> , 2014 , 69, 548-558	1.1	4
271	Improved immobilization of DNA to graphite surfaces, using amino acid modified clays. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 3022-3028	7.3	21
270	Electrocatalytic and Simultaneous Determination of Ascorbic Acid, Nicotinamide Adenine Dinucleotide and Folic Acid at Ruthenium(II) Complex-ZnO/CNTs Nanocomposite Modified Carbon Paste Electrode. <i>Electroanalysis</i> , 2014 , 26, 962-970	3	65
269	Electrochemical determination of hydrogen peroxide using copper/porous silicon based non-enzymatic sensor. <i>Sensors and Actuators B: Chemical</i> , 2014 , 196, 398-405	8.5	94
268	A new non-enzymatic glucose sensor based on copper/porous silicon nanocomposite. <i>Electrochimica Acta</i> , 2014 , 123, 219-226	6.7	89
267	Redox targeting of DNA anchored to MWCNTs and TiO ₂ nanoparticles dispersed in poly dialyldimethylammonium chloride and chitosan. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 121, 99-105 ⁶		19

266	Assessment of genotoxicity of catecholics using impedimetric DNA-biosensor. <i>Biosensors and Bioelectronics</i> , 2014 , 53, 43-50	11.8	27
265	An electrochemical sensor based on multiwall carbon nanotubes and molecular imprinting strategy for warfarin recognition and determination. <i>Sensors and Actuators B: Chemical</i> , 2014 , 196, 539-545	8.5	70
264	A sensitive nanocomposite-based electrochemical sensor for voltammetric simultaneous determination of isoproterenol, acetaminophen and tryptophan. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014 , 51, 91-99	4.6	69
263	A new strategy for the synthesis of 3-D Pt nanoparticles on reduced graphene oxide through surface functionalization, Application for methanol oxidation and oxygen reduction. <i>Electrochimica Acta</i> , 2014 , 130, 397-405	6.7	51
262	Specific sensing of mercury(II) ions by an optical sensor based on a recently synthesized ionophore. <i>Sensors and Actuators B: Chemical</i> , 2013 , 185, 84-90	8.5	8
261	Synthesis and characterization of ferrocenecarboxaldehyde immobilized on modified SiO ₂ /Al ₂ O ₃ in nanoscale, application for determination of penicillamine. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	7
260	Stainless steel modified with an aminosilane layer and gold nanoparticles as a novel disposable substrate for impedimetric immunosensors. <i>Biosensors and Bioelectronics</i> , 2013 , 48, 61-6	11.8	16
259	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
258	Combined microporous membrane-based liquid-liquid-liquid microextraction and in situ differential pulse voltammetry for highly sensitive detection of trimipramine. <i>Analytical Methods</i> , 2013 , 5, 4027	3.2	4
257	Detection of DNA damage induced by chromium/glutathione/H ₂ O ₂ system at MWCNTs/poly(diallyldimethylammonium chloride) modified pencil graphite electrode using methylene blue as an electroactive probe. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 862-870	8.5	33
256	Highly sensitive determination of chlorpromazine by electrochemically treated pencil graphite fiber as both solid-phase microextraction fiber and working electrode for use in voltammetry method. <i>Analytical Methods</i> , 2013 , 5, 5024	3.2	7
255	A combined liquid three-phase micro-extraction and differential pulse voltammetric method for preconcentration and detection of ultra-trace amounts of buprenorphine using a modified pencil electrode. <i>Talanta</i> , 2013 , 116, 1113-20	6.2	10
254	Simultaneous detection of hydroxylamine and phenol using p-aminophenol-modified carbon nanotube paste electrode. <i>Chinese Journal of Catalysis</i> , 2013 , 34, 1768-1775	11.3	17
253	DNA-based biosensor for comparative study of catalytic effect of transition metals on autoxidation of sulfite. <i>Analytical Chemistry</i> , 2013 , 85, 991-7	7.8	28
252	A novel enzyme-free amperometric sensor for hydrogen peroxide based on Nafion/exfoliated graphene oxide-Co ₃ O ₄ nanocomposite. <i>Talanta</i> , 2013 , 103, 322-9	6.2	73
251	Rapid nonenzymatic monitoring of glucose and fructose using a CuO/multiwalled carbon nanotube nanocomposite-modified glassy carbon electrode. <i>Chinese Journal of Catalysis</i> , 2013 , 34, 1208-1215	11.3	28
250	Sensitive voltammetric determination of diclofenac using room-temperature ionic liquid-modified carbon nanotubes paste electrode. <i>Ionics</i> , 2013 , 19, 137-144	2.7	61
249	Development of a highly sensitive and selective optical sensor for determination of ultra-trace amount of silver ions. <i>Sensors and Actuators B: Chemical</i> , 2013 , 176, 598-604	8.5	21

248	A new strategy for the selective determination of glutathione in the presence of nicotinamide adenine dinucleotide (NADH) using a novel modified carbon nanotube paste electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 104, 186-93	6	65
247	Sensing Lorazepam with a glassy carbon electrode coated with an electropolymerized-imprinted polymer modified with multiwalled carbon nanotubes and gold nanoparticles. <i>Mikrochimica Acta</i> , 2013 , 180, 33-39	5.8	22
246	Adsorptive stripping voltammetry determination of methyldopa on the surface of a carboxylated multiwall carbon nanotubes modified glassy carbon electrode in biological and pharmaceutical samples. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 109, 253-8	6	23
245	Biosensor based on ds-DNA decorated chitosan modified multiwall carbon nanotubes for voltammetric biodetection of herbicide amitrole. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 109, 45-51 ⁶	6	47
244	Selective determination of sucrose based on electropolymerized molecularly imprinted polymer modified multiwall carbon nanotubes/glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2013 , 33, 3553-61	8.3	35
243	A highly sensitive and selective bulk optode based on dithiacyclooctadecane derivative incorporating chromoionophore V for determination of ultra trace amount of Hg(II). <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 710-716	8.5	9
242	Magnetic solid-phase extraction to preconcentrate ultra trace amounts of lead(II) using modified-carbon nanotubes decorated with NiFe ₂ O ₄ magnetic nanoparticles. <i>Analytical Methods</i> , 2013 , 5, 3903	3.2	26
241	Development of a specific and highly sensitive optical chemical sensor for determination of Hg(II) based on a new synthesized ionophore. <i>Materials Science and Engineering C</i> , 2013 , 33, 4167-72	8.3	9
240	Highly selective differential pulse voltammetric determination of phenazopyridine using MgCr ₂ O ₄ nanoparticles decorated MWCNTs-modified glassy carbon electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 111, 270-6	6	11
239	A sensitive and selective voltammetric sensor based on multiwall carbon nanotubes decorated with MgCr ₂ O ₄ for the determination of azithromycin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 103, 468-74	6	25
238	Simultaneous determination of guanine and adenine in DNA based on NiFe ₂ O ₄ magnetic nanoparticles decorated MWCNTs as a novel electrochemical sensor using adsorptive stripping voltammetry. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 634-642	8.5	53
237	Different interaction of codeine and morphine with DNA: a concept for simultaneous determination. <i>Biosensors and Bioelectronics</i> , 2013 , 41, 627-33	11.8	52
236	Multiwall carbon nanotubes decorated with NiFe ₂ O ₄ magnetic nanoparticles, a new catalyst for voltammetric determination of cefixime. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 102, 687-93	6	64
235	Characterization of carbon nanotubes decorated with NiFe ₂ O ₄ magnetic nanoparticles as a novel electrochemical sensor: application for highly selective determination of sotalol using voltammetry. <i>Materials Science and Engineering C</i> , 2013 , 33, 202-8	8.3	36
234	Application of ionic liquid-TiO ₂ nanoparticle modified carbon paste electrode for the voltammetric determination of benserazide in biological samples. <i>Materials Science and Engineering C</i> , 2013 , 33, 831-5	8.3	60
233	A chemiluminescent metalloimmunoassay based on copper-enhanced gold nanoparticles for quantification of human growth hormone. <i>Luminescence</i> , 2013 , 28, 780-4	2.5	12
232	A new voltammetric sensor for the determination of sulfite in water and wastewater using modified-multiwall carbon nanotubes paste electrode. <i>International Journal of Environmental Analytical Chemistry</i> , 2013 , 93, 650-660	1.8	18
231	Polytetrafluorethylene film-based liquid-three phase micro extraction coupled with differential pulse voltammetry for the determination of atorvastatin calcium. <i>Analytical Sciences</i> , 2013 , 29, 303-9	1.7	

230	DNA-functionalized biosensor for riboflavin based electrochemical interaction on pretreated pencil graphite electrode. <i>Biosensors and Bioelectronics</i> , 2012 , 31, 376-81	11.8	75
229	Fast and sensitive chemiluminescence assay of aminophylline in human serum using luminol-diperiodatoargentate(III) system catalyzed by coated iron nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 90, 223-9	4.4	14
228	Sensitive voltammetric determination of epinephrine in the presence of acetaminophen at a novel ionic liquid modified carbon nanotubes paste electrode. <i>Journal of Molecular Liquids</i> , 2012 , 168, 69-74	6	169
227	Simultaneous Determination of Ascorbic Acid, Acetaminophen, and Tryptophan by Square Wave Voltammetry Using N-(3,4-Dihydroxyphenethyl)-3,5-Dinitrobenzamide-Modified Carbon Nanotubes Paste Electrode. <i>Electroanalysis</i> , 2012 , 24, 666-675	3	68
226	Electrochemical performance of lead acid battery using ammonium hydrogen sulphate with different alkyl groups. <i>Ionics</i> , 2012 , 18, 109-116	2.7	2
225	Characterization of MgFe ₂ O ₄ nanoparticles as a novel electrochemical sensor: application for the voltammetric determination of ciprofloxacin. <i>Analytical Sciences</i> , 2012 , 28, 705-10	1.7	52
224	A new strategy for simultaneous determination of cysteamine in the presence of high concentration of tryptophan using vinylferrocene-modified multiwall carbon nanotubes paste electrode. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 2949-2955	2.6	15
223	Multiwall carbon nanotubes decorated with FeCr ₂ O ₄ , a new selective electrochemical sensor for amoxicillin determination. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	21
222	Redox magnetohydrodynamics enhancement of stripping voltammetry of lead(II), cadmium(II) and zinc(II) ions using 1,4-benzoquinone as an alternative pumping species. <i>Analyst, The</i> , 2012 , 137, 424-31	5	3
221	Application of modified multiwall carbon nanotubes paste electrode for simultaneous voltammetric determination of morphine and diclofenac in biological and pharmaceutical samples. <i>Sensors and Actuators B: Chemical</i> , 2012 , 169, 96-105	8.5	164
220	A novel sensitive DNA-biosensor for detection of a carcinogen, Sudan II, using electrochemically treated pencil graphite electrode by voltammetric methods. <i>Talanta</i> , 2012 , 88, 244-51	6.2	55
219	In-situ differential pulse anodic stripping voltammetry combined with hollow fiber-based liquid-three phase micro extraction for determination of mercury using Au-nanoparticles sol-gel modified Pt-wire. <i>Talanta</i> , 2012 , 99, 335-41	6.2	14
218	Voltammetric determination of norepinephrine in the presence of acetaminophen using a novel ionic liquid/multiwall carbon nanotubes paste electrode. <i>Materials Science and Engineering C</i> , 2012 , 32, 1912-1918	8.3	71
217	Carbon Paste Electrode Prepared from Chemically Modified Multiwall Carbon Nanotubes for the Voltammetric Determination of Isoprenaline in Pharmaceutical and Urine Samples. <i>Chinese Journal of Catalysis</i> , 2012 , 33, 1919-1926	11.3	37
216	New Modified-Multiwall Carbon Nanotubes Paste Electrode for Electrocatalytic Oxidation and Determination of Hydrazine Using Square Wave Voltammetry. <i>Chinese Journal of Catalysis</i> , 2012 , 33, 487-493	11.3	29
215	A highly sensitive and selective bulk optode based on benzimidazol derivative as an ionophore and ETH5294 for the determination of ultra trace amount of silver ions. <i>Talanta</i> , 2012 , 101, 171-6	6.2	15
214	N-hexyl-3-methylimidazolium hexafluoro phosphate/multiwall carbon nanotubes paste electrode as a biosensor for voltammetric detection of morphine. <i>Journal of Molecular Liquids</i> , 2012 , 174, 42-47	6	32
213	Novel 8,9-dihydroxy-7-methyl-12H-benzothiazolo[2,3-b]quinazolin-12-one multiwalled carbon nanotubes paste electrode for simultaneous determination of ascorbic acid, acetaminophen and tryptophan. <i>Analytical Methods</i> , 2012 , 4, 3275	3.2	29

212	An online mass-based gas analyser for simultaneous determination of H ₂ , CH ₄ , CO, N ₂ and CO ₂ : an automated sensor for process monitoring in industry. <i>Measurement Science and Technology</i> , 2012 , 23, 105106		2
211	Electrocatalytic oxidation of captopril on a vinylferrocene modified carbon nanotubes paste electrode. <i>Analytical Methods</i> , 2012 , 4, 1332	3.2	14
210	Selective and sensitive optical chemical sensor for the determination of Hg(II) ions based on tetrathia-12-crown-4 and chromoionophore I. <i>Sensors and Actuators B: Chemical</i> , 2012 , 171-172, 492-498	8.5	20
209	p-Chloranil modified carbon nanotubes paste electrode as a voltammetric sensor for the simultaneous determination of methyl dopa and uric acid. <i>Analytical Methods</i> , 2012 , 4, 2088	3.2	21
208	A sensitive chemiluminescence determination of isoproterenol in pharmaceutical and human serum using luminol-diperiodatoargentate(III) system. <i>Analytical Methods</i> , 2012 , 4, 1573-1578	3.2	9
207	Modified multiwalled carbon nanotubes paste electrode as a sensor for the electrocatalytic determination of N-acetylcysteine in the presence of high concentrations of folic acid. <i>Analytical Methods</i> , 2012 , 4, 3268	3.2	6
206	Detection of riboflavin using DNA-modified electrochemically treated carbon nanotubes-pencil graphite electrode 2012 ,		1
205	Application of β -cyclodextrin/MnFe ₂ O ₄ magnetic nanoparticles as a catalyst for fast chemiluminescence determination of glutathione in human blood using luminol-diperiodatoargentate(III) System. <i>Journal of the Brazilian Chemical Society</i> , 2012 , 23, 2248-2257	1.5	3
204	Determination of 6-mercaptopurine in the presence of uric acid using modified multiwall carbon nanotubes-TiO ₂ as a voltammetric sensor. <i>Drug Testing and Analysis</i> , 2012 , 4, 970-7	3.5	32
203	Voltammetric determination of glutathione in haemolysed erythrocyte and tablet samples using modified-multiwall carbon nanotubes paste electrode. <i>Drug Testing and Analysis</i> , 2012 , 4, 978-85	3.5	23
202	Effect of colloidal β -cyclodextrins-Fe ₃ O ₄ magnetic nanoparticles on the chemiluminescence enhancement of luminol-Ag(III) complex for rapid and sensitive determination of cysteine in human serum. <i>Luminescence</i> , 2012 , 27, 390-7	2.5	6
201	A new sensor for electrochemical determination of captopril using chlorpromazine as a mediator at a glassy carbon electrode. <i>Journal of Analytical Chemistry</i> , 2012 , 67, 486-496	1.1	20
200	Electrocatalytic determination of sulfite using a modified carbon nanotubes paste electrode: application for determination of sulfite in real samples. <i>Ionics</i> , 2012 , 18, 687-694	2.7	58
199	Simultaneous determination of cysteamine and folic acid in pharmaceutical and biological samples using modified multiwall carbon nanotube paste electrode. <i>Chinese Chemical Letters</i> , 2012 , 23, 237-240	8.1	33
198	Highly selective optical nitrite sensor for food analysis based on Lauth's violet-triacetyl cellulose membrane film. <i>Food Chemistry</i> , 2012 , 132, 1600-1606	8.5	26
197	Characterization of Mn-nanoparticles decorated organo-functionalized SiO ₂ /Al ₂ O ₃ mixed-oxide as a novel electrochemical sensor: application for the voltammetric determination of captopril. <i>Journal of Materials Chemistry</i> , 2011 , 21, 15022		77
196	Liquid three-phase microextraction based on hollow fiber for highly selective and sensitive determination of using an ion selective electrode. <i>Analytical Methods</i> , 2011 , 3, 463-470	3.2	11
195	Molecularly imprinted-multiwall carbon nanotube paste electrode as a biosensor for voltammetric detection of rutin. <i>Analytical Methods</i> , 2011 , 3, 2510	3.2	45

194	A New Potentiometric Sensor for the Determination of Desipramine Based on N-(1-Naphthyl)Ethylendiamine Dihydrochloride-Tetraphenyl Borate. <i>IEEE Sensors Journal</i> , 2011 , 11, 2576-2582	4	6
193	Highly selective and sensitive voltammetric sensor for captopril determination based on modified multiwall carbon nanotubes paste electrode. <i>Journal of the Brazilian Chemical Society</i> , 2011 , 22, 1315-1322	1.5	26
192	A voltammetric sensor for the simultaneous determination of L-cysteine and tryptophan using a p-aminophenol-multiwall carbon nanotube paste electrode. <i>Analytical Sciences</i> , 2011 , 27, 409	1.7	56
191	Square wave voltammetric determination of Dexamethasone on a multiwalled carbon nanotube modified pencil electrode. <i>Journal of the Brazilian Chemical Society</i> , 2011 , 22, 897-904	1.5	24
190	Sensitive DNA impedance biosensor for detection of cancer, chronic lymphocytic leukemia, based on gold nanoparticles/gold modified electrode. <i>Electrochimica Acta</i> , 2011 , 56, 8176-8183	6.7	67
189	Voltammetric determination of isoproterenol using multiwall carbon nanotubes-ionic liquid paste electrode. <i>Drug Testing and Analysis</i> , 2011 , 3, 325-30	3.5	56
188	A simple optical sensor for cadmium ions assay in water samples using spectrophotometry. <i>Journal of Analytical Chemistry</i> , 2011 , 66, 151-157	1.1	11
187	Selective lanthanum ions optical sensor based on covalent immobilization of 4-hydroxysalophen on a hydrolyzed triacetylcellulose membrane. <i>Journal of Analytical Chemistry</i> , 2011 , 66, 865-870	1.1	5
186	An electrochemical investigation of novel optically active poly(amide-imide)s based on natural amino acids using multi-wall carbon nanotubes paste electrode. <i>Journal of Solid State Electrochemistry</i> , 2011 , 15, 2053-2061	2.6	12
185	An ionic liquid-type multiwall carbon nanotubes paste electrode for electrochemical investigation and determination of morphine. <i>Ionics</i> , 2011 , 17, 659-668	2.7	45
184	N-(3,4-Dihydroxyphenethyl)-3,5-dinitrobenzamide-Modified Multiwall Carbon Nanotubes Paste Electrode as a Novel Sensor for Simultaneous Determination of Penicillamine, Uric acid, and Tryptophan. <i>Electroanalysis</i> , 2011 , 23, 1478-1487	3	58
183	Synthesis and characterization of novel dopamine-derivative: Application of modified multi-wall carbon nanotubes paste electrode for electrochemical investigation. <i>Chinese Chemical Letters</i> , 2011 , 22, 185-188	8.1	11
182	Determination of isoproterenol and uric acid by voltammetric method using carbon nanotubes paste electrode and p-chloranil. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 84, 148-54	6	39
181	Highly sensitive voltammetric sensor based on catechol-derivative-multiwall carbon nanotubes for the catalytic determination of captopril in patient human urine samples. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 87, 480-8	6	106
180	Oxidation of ethylbenzene using some recyclable cobalt nanocatalysts: The role of linker and electrochemical study. <i>Journal of Molecular Catalysis A</i> , 2011 ,		8
179	Simultaneous determination of N-acetylcysteine and acetaminophen by voltammetric method using N-(3,4-dihydroxyphenethyl)-3,5-dinitrobenzamide modified multiwall carbon nanotubes paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2011 , 155, 464-472	8.5	171
178	The Roles of Alkyl Branches of Ionic Liquid in the Corrosion Resistance of Pb/Sb/Sn Grids Alloy in Lead-Acid Battery. <i>International Journal of Electrochemistry</i> , 2011 , 2011, 1-9	2.4	1
177	A Novel Selective Coated-Wire Potentiometric Sensor for Venlafaxine Determination in Pharmaceutical Compounds, Plasma and Urine. <i>Sensor Letters</i> , 2011 , 9, 479-484	0.9	3

176	Potentiometric Sensor for the Determination of Dibucaine in Pharmaceutical Preparations and Electrochemical Study of the Drug with BSA. <i>Bulletin of the Korean Chemical Society</i> , 2011 , 32, 2722-2726 ^{1,2}	9
175	Sequential determination of benserazide and levodopa by voltammetric method using chloranil as a mediator. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 1572-1580	1.5 18
174	Potentiometric sensor for Betahistine determination in pharmaceuticals, urine and blood serum. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 2246-2253	1.5 9
173	A DNA-based coated wire membrane sensor for selective determination of amiloride in pharmaceutical compounds, plasma and urine. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 564-576 ^{1,5}	3
172	Highly Selective Potentiometric Sensor for Determining Phenazopyridine Hydrochloride in Biological Fluids Using N,N ² -(Pyromellitoyl)-bis-L-tyrosine Dimethyl Ester. <i>Analytical Letters</i> , 2010 , 43, 2848-2858	2.2 9
171	Voltammetric determination of dopamine in the presence of uric acid using a 2-hydroxy-1-(1-hydroxynaphthyl-2-azo)- naphthalin-4-sulfonic acid modified glassy carbon electrode. <i>Journal of the Serbian Chemical Society</i> , 2010 , 75, 1685-1699	0.9 12
170	Poly(xylenol blue) modified multiwall carbon nanotubes-glassy carbon electrode for simultaneous determination of ascorbic acid, epinephrine, and uric acid by differential pulse voltammetry 2010 ,	1
169	Combined hollow fiber-based liquid-liquid-liquid microextraction and in-situ differential pulse voltammetry to improve selectivity, sensitivity, and interference elimination in electrochemical analysis. <i>Talanta</i> , 2010 , 82, 1588-93	6.2 20
168	Simultaneous Determination of Dopamine and Uric Acid by Electrocatalytic Oxidation on a Carbon Paste Electrode Using Pyrogallol Red as a Mediator. <i>Analytical Letters</i> , 2010 , 43, 1976-1988	2.2 28
167	Simultaneous voltammetric determination of enrofloxacin and ciprofloxacin in urine and plasma using multiwall carbon nanotubes modified glassy carbon electrode by least-squares support vector machines. <i>Analytical Sciences</i> , 2010 , 26, 803-8	1.7 43
166	Highly selective determination of ascorbic acid, dopamine, and uric acid by differential pulse voltammetry using poly(sulfonazo III) modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2010 , 147, 213-221	8.5 149
165	A highly selective optical sensor for catalytic determination of ultra-trace amounts of nitrite in water and foods based on brilliant cresyl blue as a sensing reagent. <i>Sensors and Actuators B: Chemical</i> , 2010 , 147, 61-66	8.5 46
164	Simultaneous determination of ascorbic acid, epinephrine, and uric acid by differential pulse voltammetry using poly(3,3 ² -bis[N,N-bis(carboxymethyl)aminomethyl]-o-cresolsulfonephthalein) modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2010 , 150, 321-329	8.5 44
163	Fast and sensitive determination of captopril by voltammetric method using ferrocenedicarboxylic acid modified carbon paste electrode. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 9-15	2.6 74
162	Voltammetric measurement of trace amount of glutathione using multiwall carbon nanotubes as a sensor and chlorpromazine as a mediator. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 1415-1423	2.6 67
161	Highly Sensitive Voltammetric Speciation and Determination of Inorganic Arsenic in Water and Alloy Samples Using Ammonium 2-Amino-1-Cyclopentene-1-Dithiocarboxylate. <i>Electroanalysis</i> , 2010 , 22, 1175-1185	3 28
160	Highly Sensitive Differential Pulse Voltammetric Determination of Cd, Zn and Pb Ions in Water Samples Using Stable Carbon-Based Mercury Thin-Film Electrode. <i>Electroanalysis</i> , 2010 , 22, 2551-2557	3 14
159	A Voltammetric Sensor Based on Modified Multiwall Carbon Nanotubes for Cysteamine Determination in the Presence of Tryptophan Using p-Aminophenol as a Mediator. <i>Electroanalysis</i> , 2010 , 22, 2558-2568	3 60

158	Simultaneous chemiluminescence determination of thebaine and noscapine using support vector machine regression. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010 , 75, 867-71	4.4	14
157	Modified multiwall carbon nanotubes paste electrode as a sensor for simultaneous determination of 6-thioguanine and folic acid using ferrocenedicarboxylic acid as a mediator. <i>Journal of Electroanalytical Chemistry</i> , 2010 , 640, 75-83	4.1	229
156	A novel optical chemical sensor for thallium(III) determination using 4-(5-bromo-2-pyridylazo)-5-(diethylamino)-phenol. <i>Sensors and Actuators B: Chemical</i> , 2010 , 143, 590-594	8.5	16
155	Simultaneous chemiluminescence determination of amoxicillin and clavulanic acid using least squares support vector regression. <i>Analytica Chimica Acta</i> , 2010 , 670, 44-50	6.6	25
154	Simultaneous determination of ascorbic acid, epinephrine, and uric acid by differential pulse voltammetry using poly(p-xylene)sulfonophthalen modified glassy carbon electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 79, 480-7	6	67
153	p-Aminophenol-multiwall carbon nanotubes-TiO ₂ electrode as a sensor for simultaneous determination of penicillamine and uric acid. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 81, 42-9	6	62
152	Ferrocenedicarboxylic acid modified carbon paste electrode: a sensor for electrocatalytic determination of hydrochlorothiazide. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 880-887	1.5	50
151	Flow injection spectrofluorimetric determination of cystine and cysteine. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 288-293	1.5	12
150	Rapid Determination of Pentazocine in Human Plasma and Urine by a Potentiometric Method. <i>Analytical Letters</i> , 2009 , 42, 571-583	2.2	5
149	Determination of amiloride using a ds-DNA-modified pencil graphite electrode based on guanine and adenine signals. <i>Electrochimica Acta</i> , 2009 , 54, 1141-1146	6.7	25
148	Determination of aflatoxins B1 and B2 by adsorptive cathodic stripping voltammetry in groundnut. <i>Food Chemistry</i> , 2009 , 115, 1034-1037	8.5	22
147	A sensitive and selective bulk optode for determination of Hg(II) based on hexathiacyclooctadecane and chromoionophore V. <i>Sensors and Actuators B: Chemical</i> , 2009 , 136, 326-331	8.5	34
146	A differential pulse voltammetric method for simultaneous determination of ascorbic acid, dopamine, and uric acid using poly (3-(5-chloro-2-hydroxyphenylazo)-4,5-dihydroxynaphthalene-2,7-disulfonic acid) film modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 633, 212-220	4.1	154
145	Highly selective optical-sensing film for lead(II) determination in water samples. <i>Journal of Hazardous Materials</i> , 2009 , 172, 1069-75	12.8	26
144	Non-extraction flow injection determination of cationic surfactants using eriochrome black-T. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009 , 73, 794-8	4.4	4
143	Sensitive cadmium potentiometric sensor based on 4-hydroxy salophen as a fast tool for water samples analysis. <i>Desalination</i> , 2009 , 242, 336-345	10.3	19
142	Voltammetric determination of trace quantities of 6-thioguanine based on the interaction with DNA at a mercury electrode. <i>Electrochimica Acta</i> , 2009 , 54, 4353-4358	6.7	24
141	Determination of ultra trace amount of enrofloxacin by adsorptive cathodic stripping voltammetry using copper(II) as an intermediate. <i>Talanta</i> , 2009 , 78, 942-8	6.2	22

140	Simultaneous chemiluminescence determination of promazine and fluphenazine using support vector regression. <i>Talanta</i> , 2009 , 79, 534-8	6.2	14
139	Study on the interaction between morin-bi(III) complex and DNA with the use of methylene blue dye as a fluorophor probe. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 266-276	1.5	39
138	Development a Simple PVC Membrane Bulk Optode for Determination of Lead Ions in Water Samples. <i>Sensor Letters</i> , 2009 , 7, 177-184	0.9	7
137	A Novel Optical Chemical Sensor to Determine Samarium Ions in Aqueous Solutions. <i>Sensor Letters</i> , 2009 , 7, 1135-1140	0.9	2
136	Simultaneous determination of trace amounts of vanadium and molybdenum in water and foodstuff samples using adsorptive cathodic stripping voltammetry. <i>International Journal of Food Science and Technology</i> , 2008 , 43, 416-422	3.8	19
135	Quantitative study of the effect of coverage on the hybridization efficiency of surface-bound DNA nanostructures. <i>Nano Letters</i> , 2008 , 8, 4134-9	11.5	58
134	Highly Selective Potentiometric Membrane Sensor for Hg(II) Based on Bis(Benzoyl Acetone) Diethylene Triamine. <i>IEEE Sensors Journal</i> , 2008 , 8, 248-254	4	29
133	Development of a New Selective Optical Sensor for Cd(II) Ions Based on 4-Hydroxy Salophen. <i>IEEE Sensors Journal</i> , 2008 , 8, 1794-1800	4	9
132	Development of a Spectrophotometric Optode for the Determination of Hg(II). <i>IEEE Sensors Journal</i> , 2008 , 8, 347-353	4	17
131	Determination of Some Phenothiazines Compounds in Pharmaceuticals and Human Body Fluid by Electrocatalytic Oxidation at a Glassy Carbon Electrode Using Methylene Blue as a Mediator. <i>Analytical Letters</i> , 2008 , 41, 2487-2502	2.2	25
130	Determination of losartan and triamterene in pharmaceutical compounds and urine using cathodic adsorptive stripping voltammetry. <i>Analytical Sciences</i> , 2008 , 24, 1449-54	1.7	18
129	Simultaneous determination of captopril and thioguanine in pharmaceutical compounds and blood using cathodic adsorptive stripping voltammetry. <i>Journal of the Brazilian Chemical Society</i> , 2008 , 19, 405-412	1.5	15
128	Determination of glutathione in hemolysed erythrocyte by flow injection analysis with chemiluminescence detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 140-4	3.5	59
127	Highly selective optical sensor for mercury assay based on covalent immobilization of 4-hydroxy salophen on a triacetylcellulose membrane. <i>Sensors and Actuators B: Chemical</i> , 2008 , 133, 84-90	8.5	29
126	Electrocatalytic Determination of 6-Tioguanine at a p-Aminophenol Modified Carbon Paste Electrode. <i>Electroanalysis</i> , 2008 , 20, 1973-1979	3	60
125	Novel and selective potentiometric membrane sensor for amiloride determination in pharmaceutical compounds and urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 47, 802-6	3.5	30
124	On-line separation and preconcentration of lead(II) by solid-phase extraction using activated carbon loaded with xlenol orange and its determination by flame atomic absorption spectrometry. <i>Journal of Hazardous Materials</i> , 2008 , 150, 554-9	12.8	79
123	Determination of sulfur contents of SO ₂ and S ₂ based on the electrocatalytic interaction with homogeneous mediator tris(2,2'-bipyridyl)Ru(II). <i>Microchemical Journal</i> , 2008 , 89, 108-115	4.8	12

122	Combination of solid phase extraction and flame atomic absorption spectrometry for trace analysis of cadmium. <i>Journal of the Brazilian Chemical Society</i> , 2008 , 19,	1.5	4
121	Preconcentration, Separation and Determination of lead(II) with Methyl Thymol Blue Adsorbed on Activated Carbon Using Flame Atomic Absorption Spectrometry. <i>Journal of the Korean Chemical Society</i> , 2008 , 52, 16-22		12
120	Determination of Lead Ions by an Optical Sensor Based on 2-Amino-Cyclopentene-1-Dithiocarboxylic Acid. <i>IEEE Sensors Journal</i> , 2007 , 7, 1112-1117	4	13
119	On-line solid phase selective separation and preconcentration of Cd(II) by solid-phase extraction using carbon active modified with methyl thymol blue. <i>Journal of Hazardous Materials</i> , 2007 , 148, 319-25 ^{12.8}		30
118	Sensing of l-cysteine at glassy carbon electrode using Nile blue A as a mediator. <i>Sensors and Actuators B: Chemical</i> , 2007 , 122, 282-288	8.5	29
117	Determination of formaldehyde by its catalytic effect on the oxidation of pyrogallol red by bromate using flow-injection spectrophotometric detection. <i>Journal of Analytical Chemistry</i> , 2007 , 62, 987-991	1.1	8
116	Solubility prediction of 21 azo dyes in supercritical carbon dioxide using wavelet neural network. <i>Dyes and Pigments</i> , 2007 , 73, 230-238	4.6	36
115	Determination of bismuth and copper using adsorptive stripping voltammetry couple with continuous wavelet transform. <i>Talanta</i> , 2007 , 71, 324-32	6.2	28
114	Simultaneous kinetic determination of thiocyanate and sulfide using eigenvalue ranking and correlation ranking in principal component-wavelet neural network. <i>Talanta</i> , 2007 , 71, 2021-8	6.2	20
113	A Highly Selective Mercury(II) Ion-Selective Membrane Sensor. <i>Journal of the Korean Chemical Society</i> , 2007 , 51, 324-330		2
112	Development of a mercury optical sensor based on immobilization of 4-(2-pyridylazo)-resorcinol on a triacetylcellulose membrane. <i>Sensors and Actuators B: Chemical</i> , 2006 , 113, 88-93	8.5	55
111	Wavelet neural network modeling in QSPR for prediction of solubility of 25 anthraquinone dyes at different temperatures and pressures in supercritical carbon dioxide. <i>Journal of Molecular Graphics and Modelling</i> , 2006 , 25, 46-54	2.8	48
110	Determination of Rutin in Pharmaceutical Compounds and Tea Using Cathodic Adsorptive Stripping Voltammetry. <i>Electroanalysis</i> , 2006 , 18, 579-585	3	41
109	Extending the dynamic range of copper determination in differential pulse adsorption cathodic stripping voltammetry using wavelet neural network. <i>Talanta</i> , 2006 , 69, 1176-81	6.2	16
108	Simultaneous determination of copper, lead and cadmium by cathodic adsorptive stripping voltammetry using artificial neural network. <i>Analytica Chimica Acta</i> , 2006 , 561, 225-232	6.6	142
107	Determination of tryptophan and histidine by adsorptive cathodic stripping voltammetry using H-point standard addition method. <i>Analytica Chimica Acta</i> , 2006 , 580, 236-43	6.6	47
106	Determination of traces molybdenum by catalytic adsorptive stripping voltammetry. <i>Talanta</i> , 2005 , 65, 781-8	6.2	33
105	Flow-injection determination of ascorbic acid and cysteine simultaneously with spectrofluorometric detection. <i>Analytical Sciences</i> , 2005 , 21, 1067-71	1.7	12

104	Flow injection determination of formaldehyde by its catalytic effect on the oxidation of sulfonazo III by bromate with spectrophotometric detection. <i>Analytical Sciences</i> , 2005 , 21, 545-8	1.7	5
103	A versatile stable cobalt optical sensor based on pyrogallol red immobilization on cellulose acetate film. <i>Sensors and Actuators B: Chemical</i> , 2005 , 105, 479-483	8.5	18
102	Lead ion-selective electrode prepared by sol-gel and PVC membrane techniques. <i>Sensors and Actuators B: Chemical</i> , 2005 , 107, 438-445	8.5	37
101	Electrocatalytic oxidation of hydrazine with pyrogallol red as a mediator on glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 583, 176-183	4.1	69
100	Principal Component-Wavelet Neural Networks as a New Multivariate Calibration Method. <i>Analytical Letters</i> , 2005 , 38, 1477-1489	2.2	15
99	Spectrophotometric Reaction Rate Method for Determination of Oxalic Acid in Food Based on Its Enhancing Effect on the Oxidation of Pyrocathocol Violet by Dichromate. <i>Analytical Letters</i> , 2004 , 37, 321-332	2.2	3
98	Flow Injection Spectrophotometric Determination of Trace Amounts of Hydrazine by the Inhibition of the Pyrogallol Red-Iodate Reaction. <i>Journal of Analytical Chemistry</i> , 2004 , 59, 129-133	1.1	7
97	Highly selective spectrophotometric flow-injection determination of trace amounts of bromide by catalytic effect on the oxidation of m-cresolsulfonephthalein by periodate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004 , 60, 2053-7	4.4	5
96	Application of adsorptive cathodic differential pulse stripping method for simultaneous determination of copper and molybdenum using pyrogallol red. <i>Analytica Chimica Acta</i> , 2004 , 505, 201-207	6.6	48
95	Simultaneous kinetic spectrophotometric determination of periodate and iodate based on their reaction with pyrogallol red in acidic media by chemometrics methods. <i>Analytica Chimica Acta</i> , 2004 , 508, 119-126	6.6	23
94	Determination of Cadmium and Zinc in Water and Alloys by Adsorption Stripping Voltammetry. <i>Analytical Letters</i> , 2004 , 37, 449-462	2.2	5
93	Highly Sensitive Spectrophotometric Reaction Rate Method for the Determination of Selenium Based on the Catalytic Reduction of Sulfonazo by Sulfide. <i>Analytical Letters</i> , 2004 , 37, 2469-2483	2.2	11
92	Sequential determination of iron(II) and iron(III) in pharmaceutical by flow-injection analysis with spectrophotometric detection. <i>Analytical Sciences</i> , 2004 , 20, 645-50	1.7	24
91	Simultaneous spectrophotometric determination of nitrite and nitrate by flow injection analysis. <i>Analytical Sciences</i> , 2004 , 20, 1749-53	1.7	40
90	Determination of Ascorbic Acid by Electrocatalytic Voltammetry with Methylene Blue. <i>Analytical Letters</i> , 2003 , 36, 591-604	2.2	17
89	Silver(I)-selective coated-wire electrode based on an octahydroxycalix[4]arene derivative. <i>Analytical Sciences</i> , 2003 , 19, 1187-90	1.7	10
88	On-line preconcentration system for lead(II) determination in waste water by atomic absorption spectrometry using active carbon loaded with Pyrogallol Red. <i>Analytical Sciences</i> , 2003 , 19, 953-6	1.7	47
87	Determination of trace amount of carbon disulfide in water by the spectrophotometric reaction-rate method. <i>Analytical Sciences</i> , 2003 , 19, 1679-81	1.7	12

86	Kinetic Spectrophotometric Method for the Determination of Rhodium by Its Catalytic Effect on the Oxidation of O-Toluidine Blue by Periodate in Micellar Media. <i>Journal of Analytical Chemistry</i> , 2003 , 58, 1060-1064	1.1	12
85	Coated, Wire-Based, New Schiff Base Potentiometric Sensor for Lead(II) Ion. <i>Russian Journal of Electrochemistry</i> , 2003 , 39, 269-273	1.2	6
84	Sequential flow injection determination of iodate and periodate with spectrophotometric detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003 , 59, 2897-903	4.4	14
83	Spectrophotometric reaction rate method for determination of barbituric acid by inhibition of the hydrochloric acid-bromate reaction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003 , 59, 3159-64	4.4	4
82	New stable optical film sensor based on immobilization of 2-amino-1-cyclopentene-1-dithiocarboxylic acid on acetyl cellulose membrane for Ni(II) determination. <i>Sensors and Actuators B: Chemical</i> , 2003 , 96, 435-440	8.5	30
81	Highly selective lead(II) coated-wire electrode based on a new Schiff base. <i>Sensors and Actuators B: Chemical</i> , 2003 , 96, 441-445	8.5	48
80	Differential pulse cathodic stripping adsorption voltammetric determination of trace amounts of lead using factorial design for optimization. <i>Talanta</i> , 2003 , 59, 727-33	6.2	30
79	Kinetic-Spectrophotometric Determination of Tellurium (IV) by Its Catalytic Effect on the Reduction of Thionine by Sodium Sulfide in Cationic Micellar Medium. <i>International Journal of Environmental Analytical Chemistry</i> , 2003 , 83, 397-404	1.8	6
78	Kinetic-spectrophotometric determination of palladium in hydrogenation catalyst by its catalytic effect on the oxidation of pyrogallol red by hydrogen peroxide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002 , 58, 1567-72	4.4	23
77	Kinetic-spectrophotometric determination of ascorbic acid by inhibition of the hydrochloric acid-bromate reaction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002 , 58, 2589-94	4.4	21
76	Flow-injection spectrophotometric determination of periodate and iodate by their reaction with pyrogallol red in acidic media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002 , 58, 2835-9	4.4	16
75	Monitoring nitrite with optical sensing films. <i>Microchemical Journal</i> , 2002 , 72, 193-199	4.8	17
74	Selective thiocyanate poly(vinyl chloride) membrane based on a 1,8-dibenzyl-1,3,6,8,10,13-hexaazacyclotetradecane-Ni(II) perchlorate. <i>Analytica Chimica Acta</i> , 2002 , 462, 25-30	6.6	46
73	CATALYTIC KINETIC DETERMINATION OF PALLADIUM(II) BY SPECTROPHOTOMETRIC METHOD IN ANIONIC MICELLAR MEDIUM. <i>Analytical Letters</i> , 2002 , 35, 423-433	2.2	13
72	HIGHLY SELECTIVE FLOW-INJECTION SPECTROPHOTOMETRIC DETERMINATION OF ASCORBIC ACID IN FRUIT JUICES AND PHARMACEUTICALS USING PYROGALLOL RED-IODATE SYSTEM. <i>Analytical Letters</i> , 2002 , 35, 909-920	2.2	8
71	SIMULTANEOUS DETERMINATION OF Os(VIII) AND Ru(IV) AS CATALYSTS THROUGH A SINGLE CATALYTIC KINETIC RUN USING PRINCIPAL COMPONENT ARTIFICIAL NEURAL NETWORK. <i>Analytical Letters</i> , 2002 , 35, 2039-2052	2.2	8
70	Simultaneous voltammetric determination of molybdenum and copper by adsorption cathodic differential pulse stripping method using a principal component artificial neural network. <i>Talanta</i> , 2002 , 57, 785-93	6.2	54
69	A sensitive and simple extractive-spectrophotometric method for the determination of microgram amount of cobalt by using alpha-benzilmonoxime. <i>Analytical Sciences</i> , 2001 , 17, 327-31	1.7	18

68	Differential pulse adsorption stripping voltammetric determination of copper(II) with 2-mercaptobenzimidazol at a hanging mercury-drop electrode. <i>Analytical Sciences</i> , 2001 , 17, 609-12	1.7	30
67	Efficient and selective extraction of iodide through a liquid membrane. <i>Microchemical Journal</i> , 2001 , 69, 45-50	4.8	16
66	Simultaneous determination of nitrite and nitrate in various samples using flow-injection spectrophotometric detection. <i>Microchemical Journal</i> , 2001 , 69, 61-68	4.8	29
65	Simultaneous determination of cobalt and nickel by spectrophotometric method and artificial neural network. <i>Microchemical Journal</i> , 2001 , 70, 35-40	4.8	13
64	Spectrofluorimetric flow injection determination of trace amounts of periodate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2001 , 57, 1739-43	4.4	6
63	Kinetic spectrophotometric method for the determination of oxalic acid by its catalytic effect on the oxidation of safranine by dichromate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2001 , 57, 1833-8	4.4	9
62	Sequential flow injection spectrophotometric determination of nitrite and nitrate in various samples. <i>Analytica Chimica Acta</i> , 2001 , 442, 319-326	6.6	52
61	Highly Selective Catalytic Differential Pulse Polarographic Method for Determination of Vanadium. <i>International Journal of Environmental Analytical Chemistry</i> , 2001 , 81, 117-125	1.8	1
60	Catalytic spectrophotometric determination of ruthenium by flow injection method. <i>Talanta</i> , 2001 , 55, 715-20	6.2	18
59	SELECTIVE EXTRACTION OF BROMIDE WITH LIQUID ORGANIC MEMBRANE. <i>Separation Science and Technology</i> , 2001 , 36, 81-89	2.5	12
58	SOLID-LIQUID SEPARATION AFTER LIQUID-LIQUID EXTRACTION USING BENZILMONOXIME-MOLTEN BENZOPHENONE FOR PRECONCENTRATION AND SELECTIVE SPECTROPHOTOMETRIC DETERMINATION OF PALLADIUM. <i>Analytical Letters</i> , 2001 , 34, 2535-2546	2.2	5
57	Highly Selective and Sensitive Stripping Voltammetric Determination of Cobalt with Ammonium 2-Aminocyclohexene-1-dithiocarboxylate and Nitrite. <i>Analytical Sciences</i> , 2000 , 16, 377-381	1.7	16
56	Flow-Injection Simultaneous Determination of Iodate and Periodate by Spectrophotometric and Spectrofluorometric Detection.. <i>Analytical Sciences</i> , 2000 , 16, 61-64	1.7	23
55	Flow injection catalytic determination of ruthenium with spectrophotometric detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2000 , 56A, 1583-8	4.4	7
54	Highly selective-cathodic stripping voltammetric determination of copper with Benzylmonooxime. <i>Microchemical Journal</i> , 2000 , 64, 195-200	4.8	15
53	Extending the dynamic range of the determination of copper by adsorption differential pulse stripping method using a principal component artificial neural network. <i>Microchemical Journal</i> , 2000 , 65, 347-351	4.8	10
52	Flow injection spectrophotometric determination of ultra trace amounts of oxalic acid. <i>Fresenius Journal of Analytical Chemistry</i> , 2000 , 367, 590-2		20
51	Simultaneous determination of trace amounts of cadmium, nickel and cobalt in water samples by adsorptive voltammetry using ammonium 2-amino-cyclopentene dithiocarboxylate as a chelating agent. <i>Talanta</i> , 2000 , 52, 435-40	6.2	43

50	Determination of Copper by an Adsorption Differential Pulse Stripping Method with Naphthol Derivative. <i>Analytical Letters</i> , 2000 , 33, 1591-1601	2.2	7
49	Flow Injection Spectrophotometric Determination of Nickel by Complexation and Factorial Design Optimization Method. <i>Analytical Letters</i> , 1999 , 32, 111-122	2.2	4
48	Highly Selective Photometric Method for the Determination of Periodate. <i>Analytical Letters</i> , 1999 , 32, 1643-1652	2.2	4
47	Simultaneous determination of nitrite and nitrate in various samples using flow injection with spectrophotometric detection. <i>Analytica Chimica Acta</i> , 1999 , 382, 15-21	6.6	44
46	Ultra-trace analysis of nitrite in food samples by flow injection with spectrophotometric detection. <i>Fresenius Journal of Analytical Chemistry</i> , 1999 , 363, 131-133		6
45	Sensitive reaction rate method for the determination of low levels of formaldehyde with photometric detection. <i>Fresenius Journal of Analytical Chemistry</i> , 1999 , 363, 376-379		16
44	Determination of cobalt by catalytic-adsorptive differential pulse voltammetry in the presence of 2-aminocyclopentene-1-dithiocarboxylic acid and nitrite. <i>Fresenius Journal of Analytical Chemistry</i> , 1999 , 363, 646-650		11
43	Lead selective membrane electrode using cryptand(222) neutral carrier. <i>Fresenius Journal of Analytical Chemistry</i> , 1999 , 364, 690-693		54
42	Optical pH Sensor Based On Chemical Modification of Polymer Film. <i>Microchemical Journal</i> , 1999 , 63, 381-388	4.8	48
41	Determination of Ultratrace Amounts of Ruthenium by Differential Pulse Voltammetry Using Factorial Design for Optimization. <i>Microchemical Journal</i> , 1999 , 63, 235-242	4.8	12
40	Highly Selective Liquid-Liquid Extraction from Sulfuric Acid Medium and Spectrophotometric Determination of Palladium(II) with Benzilmonoxime. <i>Microchemical Journal</i> , 1999 , 63, 266-275	4.8	15
39	Spectrophotometric Reaction Rate Method for the Determination of Trace Amounts of Vanadium(V) by its Catalytic Effect on the Oxidation of Nile Blue with Bromate. <i>Analytical Letters</i> , 1999 , 32, 1927-1937	2.2	22
38	Simultaneous spectrophotometric determinations of cobalt, nickel and copper using partial least squares based on singular value decomposition. <i>Talanta</i> , 1999 , 49, 587-96	6.2	45
37	Determination of Ultratrace Amounts of Osmium Using Catalytic Wave of OsO ₄ -Bromate System by Voltammetric Method.. <i>Analytical Sciences</i> , 1999 , 15, 851-855	1.7	2
36	Speciation of Thallium by Flow Injection Analysis with Spectrofluorimetric Detection. <i>Microchemical Journal</i> , 1998 , 60, 75-83	4.8	12
35	Spectrophotometric reaction rate method for the determination of molybdenum by its catalytic effect on the oxidation of pyrogallol red with hydrogen peroxide. <i>Fresenius Journal of Analytical Chemistry</i> , 1998 , 360, 535-538		7
34	Highly selective catalytic determination of ultra trace amounts of rhodium by linear sweep voltammetry. <i>Fresenius Journal of Analytical Chemistry</i> , 1998 , 361, 103-105		4
33	Flow injection determination of hydrazine with fluorimetric detection. <i>Talanta</i> , 1998 , 47, 645-9	6.2	78

32	Flow Injection Analysis Determination of Ascorbic Acid with Spectrofluorimetric Detection. <i>Analytical Letters</i> , 1998 , 31, 333-342	2.2	18
31	Automatic Liquid-Liquid Extraction Flow Injection Analysis Determination of Trace Amounts of Perchlorate with Spectrophotometric Detection. <i>Analytical Letters</i> , 1998 , 31, 167-177	2.2	17
30	Catalytic Kinetic Determination of Ultratrace Amounts of Silver With Spectrophotometric Detection. <i>Analytical Letters</i> , 1997 , 30, 327-339	2.2	12
29	Highly Sensitive Spectrophotometric Determination of Ultra Trace Amounts of Selenium. <i>Analytical Letters</i> , 1997 , 30, 973-984	2.2	4
28	Flow injection determination of silver with spectrophotometric detection. <i>Fresenius Journal of Analytical Chemistry</i> , 1997 , 358, 475-479		6
27	Catalytic determination of ultra trace amounts of vanadium with detection by linear sweep voltammetry. <i>Fresenius Journal of Analytical Chemistry</i> , 1997 , 358, 480-483		11
26	Flow-Injection Spectrophotometric Determination of Hydrazine. <i>Microchemical Journal</i> , 1997 , 56, 269-275	4.8	31
25	Determination of Vanadium by Its Catalytic Effect on the Oxidation of Gallocyanine with Spectrophotometric Flow Injection Analysis. <i>Microchemical Journal</i> , 1996 , 53, 139-146	4.8	7
24	Spectrophotometric Flow Injection Determination of Osmium. <i>Analytical Letters</i> , 1996 , 29, 1177-1191	2.2	6
23	Catalytic Kinetic Determination of Ultratrace Amounts of Nitrite with Detection by Differential Pulse Polarographic Method. <i>Analytical Letters</i> , 1995 , 28, 1245-1260	2.2	6
22	Determination of Thiocyanate at the Nanogram Level by a Kinetic Method. <i>Analytical Letters</i> , 1995 , 28, 731-747	2.2	8
21	Kinetic-Spectrophotometric Determination of Trace Amounts of Selenium with Catalytic Reduction of Gallocyanine by Sulfide. <i>Analytical Letters</i> , 1995 , 28, 335-347	2.2	10
20	Kinetic spectrophotometric determination of hydrazine. <i>Analytica Chimica Acta</i> , 1995 , 300, 307-311	6.6	78
19	Highly sensitive spectrophotometric kinetic determination of vanadium by catalytic effect on the gallocyanine-bromate reaction. <i>Analytica Chimica Acta</i> , 1994 , 298, 27-32	6.6	16
18	Kinetic-Spectrophotometric Determination of Nitrite by Its Catalytic Effect on the Oxidation of Brilliant Cresyl Blue by Bromate. <i>Microchemical Journal</i> , 1994 , 50, 169-177	4.8	14
17	Spectrophotometric reaction rate method for the determination of osmium by its catalytic effect on the oxidation of gallocyanine by bromate. <i>Talanta</i> , 1994 , 41, 1651-5	6.2	13
16	Spectrophotometric Reaction-Rate Method for The Determination of Sulfide by Catalytic Action on the Oxidation of Sodium Azide by Iodine. <i>Analytical Letters</i> , 1994 , 27, 153-167	2.2	16
15	Selective Kinetic Spectrophotometric Determination of Nitrite in Food and Water. <i>Analytical Letters</i> , 1994 , 27, 169-182	2.2	13

14	Kinetic spectrophotometric determination of low levels of nitrite by catalytic reaction between pyrogallol red and bromate. <i>Talanta</i> , 1993 , 40, 1375-8	6.2	31
13	Kinetic-Spectrophotometric Determination of Traces of Osmium by Its Catalytic Effect on the Oxidation of Pyrogallol Red by Hydrogen Peroxide. <i>Analytical Letters</i> , 1993 , 26, 1771-1785	2.2	7
12	FLOW - Injection Determination of Traces of Sulfide by the Brilliant Green - Sulfide Reaction with Spectrophotometry Detection. <i>Analytical Letters</i> , 1992 , 25, 1525-1543	2.2	13
11	Catalytic-Spectrophotometric Determination of Molybdenum in Plant and Steel with Nile Red-Hydrazine Dihydrochloride Reaction. <i>Analytical Letters</i> , 1992 , 25, 2339-2354	2.2	10
10	Detection of osmium by flame atomic emission spectrometry after extraction as osmium tetroxide into MIBK. <i>Microchemical Journal</i> , 1992 , 45, 365-369	4.8	5
9	Sensitive spectrophotometric kinetic determination of osmium by catalysis of the pyrogallol red-bromate reaction. <i>Analytica Chimica Acta</i> , 1991 , 244, 231-236	6.6	14
8	Kinetic spectrophotometric determination of traces of sulphite. <i>Analytica Chimica Acta</i> , 1991 , 252, 121-126		13
7	Flow-injection determination of traces of formaldehyde by the Brilliant Green-Sulphite reaction with spectrophotometric detection. <i>Analytica Chimica Acta</i> , 1991 , 252, 167-171	6.6	12
6	Catalytic Spectrophotometric Determination of Traces of Molybdenum (VI). <i>Analytical Letters</i> , 1991 , 24, 1057-1073	2.2	9
5	Spectrophotometric determination of nickel in vegetable oil with ammonium 2-amino-1-cyclohexene-1-dithiocarbamate. <i>Talanta</i> , 1991 , 38, 229-31	6.2	9
4	Polydopamine-modified MWCNTs-glassy Carbon Electrode, a Selective Electrochemical Morphine Sensor. <i>Electroanalysis</i> ,	3	1
3	A review of the incorporation of QDs and imprinting technology in optical sensors – imprinting methods and sensing responses. <i>New Journal of Chemistry</i> ,	3.6	0
2	MWCNT-mesoporous silica nanocomposites inserted in a polyhedral metal-organic framework as an advanced hybrid material for energy storage device. <i>New Journal of Chemistry</i> ,	3.6	2
1	Application of Conductive Polymers in Electrochemistry. <i>ACS Symposium Series</i> , 185-217	0.4	