

# Hossein Heli

## List of Publications by Year in Descending Order

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

145  
papers

4,314  
citations

41  
h-index

56  
g-index

152  
ext. papers

4,805  
ext. citations

4.2  
avg, IF

6.1  
L-index

#	Paper	IF	Citations
145	A novel and ultrasensitive label-free electrochemical DNA biosensor for <i>Trichomonas vaginalis</i> detection based on a nanostructured film of poly(ortho-aminophenol). <i>Synthetic Metals</i> , <b>2022</b> , 287, 117082	3.6	1
144	A $\beta$ -Amyloid Biosensor Based on Molecularly Imprinted Poly-Pyrrole for Early Diagnosis of Alzheimer's Disease. <i>Journal of Biomedical Physics and Engineering</i> , <b>2021</b> , 11, 215-228	1	1
143	Advances in prostate specific antigen biosensors-impact of nanotechnology. <i>Clinica Chimica Acta</i> , <b>2020</b> , 504, 43-55	6.2	12
142	An impedimetric genosensor for <i>Leishmania infantum</i> based on electrodeposited cadmium sulfide nanosheets. <i>Talanta</i> , <b>2020</b> , 217, 121080	6.2	10
141	Synthesis of Flower-like Nickel Hydroxide Nanosheets and Application in Electrochemical Determination of Famotidine. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2020</b> , 19, 120-137	1.1	
140	An electrochemical signal-on apta-cyto-sensor for quantitation of circulating human MDA-MB-231 breast cancer cells by transduction of electro-deposited non-spherical nanoparticles of gold. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 178, 112948	3.5	14
139	Electrodeposition of nickel wrinkled nanostructure from choline chloride:Urea deep eutectic solvent (reline) and application for electroanalysis of simvastatin. <i>Microchemical Journal</i> , <b>2020</b> , 152, 104267	4.8	10
138	Capecitabine-loaded nanoniosomes and evaluation of anticancer efficacy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2019</b> , 47, 420-426	6.1	9
137	An ultrasensitive electrochemical aptasensor for early diagnosis of Alzheimer's disease, using a fern leaves-like gold nanostructure. <i>Talanta</i> , <b>2019</b> , 198, 510-517	6.2	50
136	An electrochemical troponin T aptasensor based on the use of a macroporous gold nanostructure. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 377	5.8	26
135	Paromomycin-loaded mannosylated chitosan nanoparticles: Synthesis, characterization and targeted drug delivery against leishmaniasis. <i>Acta Tropica</i> , <b>2019</b> , 197, 105045	3.2	10
134	Synthesis of Novel NiFe <sub>2</sub> O <sub>4</sub> Nanospheres for High Performance Pseudocapacitor Applications. <i>Russian Journal of Electrochemistry</i> , <b>2019</b> , 55, 206-214	1.2	9
133	An electrochemical troponin I peptisensor using a triangular icicle-like gold nanostructure. <i>Biochemical Engineering Journal</i> , <b>2019</b> , 151, 107326	4.2	20
132	Electrochemical biosensing of 16s rRNA gene sequence of <i>Enterococcus faecalis</i> . <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 142, 111541	11.8	4
131	An electrochemical peptide-based biosensor for the Alzheimer biomarker amyloid- $\beta$ using a microporous gold nanostructure. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 766	5.8	20
130	A Cardiac Troponin T Biosensor Based on Aptamer Self-assembling on Gold. <i>International Journal of Molecular and Cellular Medicine</i> , <b>2019</b> , 8, 271-283	1.2	
129	A nanocomposite of CoFe <sub>2</sub> O <sub>4</sub> -carbon microspheres for electrochemical energy storage applications. <i>International Journal of Green Energy</i> , <b>2019</b> , 16, 476-482	3	12

128	Synthesis of copper (II) oxide nanocorals from a triton X-100-based lyotropic liquid crystalline system. <i>Molecular Crystals and Liquid Crystals</i> , <b>2019</b> , 691, 42-49	0.5	
127	A molecularly imprinted electrochemical nanobiosensor for prostate specific antigen determination. <i>Analytical Biochemistry</i> , <b>2019</b> , 566, 116-125	3.1	41
126	A study on the supercapacitive behavior of zinc substituted manganese ferrite nanoparticles. <i>Journal of the Iranian Chemical Society</i> , <b>2019</b> , 16, 841-849	2	6
125	Evaluation of a self-nanoemulsifying docetaxel delivery system. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 109, 2427-2433	7.5	31
124	Investigation of anti-leishmanial efficacy of miltefosine and ketoconazole loaded on nanoniosomes. <i>Acta Tropica</i> , <b>2018</b> , 185, 69-76	3.2	20
123	A novel and ultrasensitive electrochemical DNA biosensor based on an ice crystals-like gold nanostructure for the detection of <i>Enterococcus faecalis</i> gene sequence. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 166, 245-253	6	13
122	An anodized nanostructure of Ni/Cu alloy synthesized in ethaline for electrocatalytic oxidation and amperometric determination of l-carnitine. <i>Journal of Electroanalytical Chemistry</i> , <b>2018</b> , 815, 134-142	4.1	3
121	Electrooxidation and amperometric determination of vorinostat on hierarchical leaf-like gold nanolayers. <i>Talanta</i> , <b>2018</b> , 178, 704-709	6.2	2
120	Synthesis of carbon nanoparticles-poly(ortho-aminophenol) nanocomposite and its application for electroanalysis of iodate. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 256, 878-887	8.5	13
119	Development of self-nanoemulsifying drug delivery systems for oil extracts of <i>Citrus aurantium</i> L. blossoms and <i>Rose damascena</i> and evaluation of anticancer properties. <i>Journal of Drug Delivery Science and Technology</i> , <b>2018</b> , 47, 330-336	4.5	9
118	Applications of Nanoflowers in Biomedicine. <i>Recent Patents on Nanotechnology</i> , <b>2018</b> , 12, 22-33	1.2	28
117	Electrochemical quantitation of <i>Leishmania infantum</i> based on detection of its kDNA genome and transduction of non-spherical gold nanoparticles. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1041, 40-49	6.6	11
116	Label-free ultrasensitive electrochemical genosensing of <i>Trichomonas vaginalis</i> using anisotropic-shaped gold nanoparticles as a platform, a repeated sequence of the parasite DNA as a probe, and toluidine blue as a redox marker. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 273, 234-241	8.5	4
115	An Aptamer-based Biosensor for Troponin I Detection in Diagnosis of Myocardial Infarction. <i>Journal of Biomedical Physics and Engineering</i> , <b>2018</b> , 8, 167-178	1	5
114	An Aptamer-based Biosensor for Troponin I Detection in Diagnosis of Myocardial Infarction. <i>Journal of Biomedical Physics and Engineering</i> , <b>2018</b> , 8,	1	21
113	Rectangular shaped zinc oxide nanoparticles: Green synthesis by Stevia and its biomedical efficiency. <i>Ceramics International</i> , <b>2018</b> , 44, 15596-15602	5.1	91
112	In vivo evaluation of a self-nanoemulsifying drug delivery system for curcumin. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 88, 715-720	7.5	41
111	Electrochemical biosensing of influenza A subtype genome based on meso/macroporous cobalt (II) oxide nanoflakes-applied to human samples. <i>Analytica Chimica Acta</i> , <b>2017</b> , 979, 51-57	6.6	13

110	Erlotinib-loaded albumin nanoparticles: A novel injectable form of erlotinib and its in vivo efficacy against pancreatic adenocarcinoma ASPC-1 and PANC-1 cell lines. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 531, 299-305	6.5	18
109	Phytosynthesis of Silver Nanoparticles Using <i>Myrtus communis</i> L. Leaf Extract and Investigation of Bactericidal Activity. <i>Journal of Electronic Materials</i> , <b>2017</b> , 46, 6930-6935	1.9	7
108	A novel self-nanoemulsifying formulation for sunitinib: Evaluation of anticancer efficacy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 160, 65-72	6	25
107	A signal-on built in-marker electrochemical aptasensor for human prostate-specific antigen based on a hairbrush-like gold nanostructure. <i>Scientific Reports</i> , <b>2017</b> , 7, 11238	4.9	32
106	Bacterial Biosynthesis of Gold Nanoparticles Using <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhi Isolated from Blood and Stool Specimens of Patients. <i>Journal of Cluster Science</i> , <b>2017</b> , 28, 2997-3007	3	34
105	Synthesis of nickel nanowrinkles and its application for the electrocatalytic oxidation and sensitive detection of hydrochlorothiazide. <i>Microchemical Journal</i> , <b>2017</b> , 130, 205-212	4.8	6
104	Copper/copper oxide nanoparticles synthesis using <i>Stachys lavandulifolia</i> and its antibacterial activity. <i>IET Nanobiotechnology</i> , <b>2017</b> , 11, 709-713	2	59
103	Biosynthesis of Silver Nanoparticles Using Pine Pollen and Evaluation of the Antifungal Efficiency. <i>Iranian Journal of Biotechnology</i> , <b>2017</b> , 15, 95-101	1	44
102	Electrochemical aptasensing of human cardiac troponin I based on an array of gold nanodumbbells-Applied to early detection of myocardial infarction. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 252, 62-71	8.5	74
101	Green electrodeposition of gold nanostructures by diverse size, shape, and electrochemical activity. <i>Gold Bulletin</i> , <b>2016</b> , 49, 95-102	1.6	17
100	Improving Pharmaceutical Characteristics of Curcumin by Alginate/Pectin Microparticles. <i>Pharmaceutical Chemistry Journal</i> , <b>2016</b> , 50, 131-136	0.9	5
99	An ultrasensitive electrochemical genosensor for <i>Brucella</i> based on palladium nanoparticles. <i>Analytical Biochemistry</i> , <b>2016</b> , 510, 11-17	3.1	36
98	Label-free electrochemical aptasensing of the human prostate-specific antigen using gold nanospears. <i>Talanta</i> , <b>2016</b> , 156-157, 218-224	6.2	72
97	Zinc/Nickel Ferrite Nanoparticles as a Contrast Agent in Magnetic Resonance Imaging. <i>Applied Magnetic Resonance</i> , <b>2016</b> , 47, 925-935	0.8	31
96	Synthesis of hexagonal CoAl-layered double hydroxide nanosheets/carbon nanotubes composite for the non-enzymatic detection of hydrogen peroxide. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 768, 134-144	4.1	41
95	Non-enzymatic glucose biosensor based on hyperbranched pine-like gold nanostructure. <i>Materials Science and Engineering C</i> , <b>2016</b> , 63, 150-4	8.3	26
94	Nanostructured materials in electroanalysis of pharmaceuticals. <i>Analytical Biochemistry</i> , <b>2016</b> , 497, 39-47	3.1	71
93	Photothermal cancer therapy by gold-ferrite nanocomposite and near-infrared laser in animal model. <i>Lasers in Medical Science</i> , <b>2016</b> , 31, 221-7	3.1	26

92	Electrodeposition of Nickel Hydroxide Nanoparticles on Glassy Carbon Electrode-Applied to Electroanalysis of L-Methionine. <i>Sensor Letters</i> , <b>2016</b> , 14, 65-71	0.9	2
91	Electrochemical Genosensing of Leishmania major using Gold Hierarchical Nanoleaflets. <i>Journal of Biology and Today's World</i> , <b>2016</b> , 5,		4
90	The Kirkendall Effect: its Efficacy in the Formation of Hollow Nanostructures. <i>Journal of Biology and Today's World</i> , <b>2016</b> , 5,		1
89	Effect of Magnetic Fluid Hyperthermia on Implanted Melanoma in Mouse Models. <i>Iranian Journal of Medical Sciences</i> , <b>2016</b> , 41, 314-21	1.2	4
88	Inhibitory Effects of Some Carbohydrates on Nano-Globular Aggregation of both Normal and Glycated Albumin. <i>Avicenna Journal of Medical Biotechnology</i> , <b>2016</b> , 8, 126-32	1.4	1
87	Synthesis and Applications of Nanoflowers. <i>Recent Patents on Nanotechnology</i> , <b>2016</b> , 10, 86-115	1.2	28
86	Synthesis of copper nanoshales from a TritonX-100/cyclohexane/water ternary microemulsion system. <i>Journal of the Serbian Chemical Society</i> , <b>2016</b> , 81, 395-401	0.9	1
85	An electrochemical genosensor for Leishmania major detection based on dual effect of immobilization and electrocatalysis of cobalt-zinc ferrite quantum dots. <i>Talanta</i> , <b>2016</b> , 156-157, 172-179 <sup>6.2</sup>		33
84	Gold nanoparticles-based biosensing of Leishmania major kDNA genome: Visual and spectrophotometric detections. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 235, 723-731	8.5	34
83	Albumin coated arginine-capped magnetite nanoparticles as a paclitaxel vehicle: Physicochemical characterizations and in vitro evaluation. <i>Journal of Drug Delivery Science and Technology</i> , <b>2016</b> , 36, 68-74 <sup>4.5</sup>		26
82	A label-free, PCR-free and signal-on electrochemical DNA biosensor for Leishmania major based on gold nanoleaves. <i>Talanta</i> , <b>2016</b> , 161, 48-53	6.2	33
81	Dextrin-coated zinc substituted cobalt-ferrite nanoparticles as an MRI contrast agent: In vitro and in vivo imaging studies. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 129, 15-20	6	34
80	Electrooxidation and determination of perphenazine on a graphene oxide nanosheet-modified electrode. <i>RSC Advances</i> , <b>2015</b> , 5, 21005-21011	3.7	12
79	Green electrodeposition of gold hierarchical dendrites of pyramidal nanoparticles and determination of azathioprine. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 215, 113-118	8.5	36
78	Fibroin nanofibrils as an electrode material for electrical double-layer biosupercapacitor applications. <i>Journal of Applied Electrochemistry</i> , <b>2015</b> , 45, 577-583	2.6	8
77	Highly simple and visual colorimetric detection of Brucella melitensis genomic DNA in clinical samples based on gold nanoparticles. <i>Journal of the Iranian Chemical Society</i> , <b>2015</b> , 12, 1569-1576	2	13
76	Synthesis, characterization, in vitro and in vivo studies of dextrin-coated zinc-iron ferrite nanoparticles (Zn <sub>0.5</sub> Fe <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> ) as contrast agent in MRI. <i>Applied Physics A: Materials Science and Processing</i> , <b>2015</b> , 120, 1189-1196	2.6	2
75	Copper hexacyanoferrate-graphene nanocomposite: synthesis, characterisation and application for the electrocatalytic oxidation and determination of thiosulfate. <i>International Journal of Nanoparticles</i> , <b>2015</b> , 8, 132	0.4	1

74	A study on the pseudocapacitive behavior of polyluminol/graphene nanocomposite. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 751, 15-22	4.1	5
73	Sonoelectrodeposition of gold nanorods at a gold surface [Application for electrocatalytic reduction and determination of nitrofurazone. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 210, 96-102	8.5	40
72	Gold nanoparticles biosensor of Brucella spp. genomic DNA: Visual and spectrophotometric detections. <i>Biochemical Engineering Journal</i> , <b>2015</b> , 97, 1-7	4.2	74
71	Amperometric Determination of Ascorbic Acid in Pharmaceutical Formulations by a Reduced Graphene Oxide-cobalt Hexacyanoferrate Nanocomposite. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2015</b> , 14, 453-63	1.1	5
70	Zepto-molar electrochemical detection of Brucella genome based on gold nanoribbons covered by gold nanoblooms. <i>Scientific Reports</i> , <b>2015</b> , 5, 18060	4.9	32
69	Deferiprone: structural and functional modulating agent of hemoglobin fructation. <i>Molecular Biology Reports</i> , <b>2014</b> , 41, 1723-9	2.8	4
68	Iron oxyhydroxide@cobalt hexacyanoferrate coaxial nanostructure: Synthesis, characterization and pseudocapacitive behavior. <i>Journal of Electroanalytical Chemistry</i> , <b>2014</b> , 719, 143-149	4.1	9
67	Nickel hydroxide nanopetals: One-pot green synthesis, characterization and application for the electrocatalytic oxidation and sensitive detection of montelukast. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 196, 631-639	8.5	12
66	A flower-like nickel oxide nanostructure: synthesis and application for choline sensing. <i>Talanta</i> , <b>2014</b> , 119, 207-13	6.2	35
65	Enhanced electrocatalytic reduction and highly sensitive nonenzymatic detection of hydrogen peroxide using platinum hierarchical nanoflowers. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 192, 310-316	8.5	41
64	Electrocatalytic oxidation and electrochemical detection of guanine, L-arginine and L-lysine at a copper nanoparticles-modified electrode. <i>Analytical Methods</i> , <b>2014</b> , 6, 6981	3.2	21
63	Cobalt oxide nanoparticles anchored to multiwalled carbon nanotubes: Synthesis and application for enhanced electrocatalytic reaction and highly sensitive nonenzymatic detection of hydrogen peroxide. <i>Electrochimica Acta</i> , <b>2014</b> , 123, 518-526	6.7	89
62	Poly(ortho-aminophenol)/graphene nanocomposite as an efficient supercapacitor electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2014</b> , 713, 103-111	4.1	23
61	A study of double stranded DNA adsorption on aluminum surface by means of electrochemical impedance spectroscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 116, 526-30	6	5
60	Graphene/poly(ortho-phenylenediamine) nanocomposite material for electrochemical supercapacitor. <i>Journal of Solid State Electrochemistry</i> , <b>2013</b> , 17, 2203-2212	2.6	37
59	Cobalt hexacyanoferrate/graphene nanocomposite [Application for the electrocatalytic oxidation and amperometric determination of captopril. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 177, 1098-1106	8.5	39
58	Albumin nanoparticle-coated carbon composite electrode for electrical double-layer biosupercapacitor applications. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 2346-2351	4.3	15
57	An electrochemical acetylcholine sensor based on lichen-like nickel oxide nanostructure. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 48, 197-202	11.8	56

56	A Nanocomposite of Nickel Hexacyanoferrate Dots-Graphene Nanosheets-Applied to the Electro-catalytic Oxidation and Determination of N-Acetyl-L-Cysteine. <i>Sensor Letters</i> , <b>2013</b> , 11, 656-664	0.9	10
55	Electrooxidation Behavior and Amperometric Determination of Sotalol on a Graphene Oxide Nanosheets-modified Glassy Carbon Electrode. <i>Current Pharmaceutical Analysis</i> , <b>2013</b> , 9, 291-298	0.6	9
54	Cobalt nanoflowers: Synthesis, characterization and derivatization to cobalt hexacyanoferrate Electro-catalytic oxidation and determination of sulfite and nitrite. <i>Electrochimica Acta</i> , <b>2012</b> , 77, 294-301	6.7	42
53	Graphene nanosheets-poly(o-aminophenol) nanocomposite for supercapacitor applications. <i>Materials Chemistry and Physics</i> , <b>2012</b> , 134, 21-25	4.4	44
52	Oxidation and determination of Gabapentin on nanotubes of nickel oxide-modified carbon paste electrode. <i>Journal of Solid State Electrochemistry</i> , <b>2012</b> , 16, 45-52	2.6	13
51	A study of the charge propagation in nanoparticles of Fe <sub>2</sub> O <sub>3</sub> core-cobalt hexacyanoferrate shell by chronoamperometry and electrochemical impedance spectroscopy. <i>Journal of Solid State Electrochemistry</i> , <b>2012</b> , 16, 53-64	2.6	5
50	An aqueous rechargeable lithium-ion battery based on LiCoO <sub>2</sub> nanoparticles cathode and LiV <sub>3</sub> O <sub>8</sub> nanosheets anode. <i>Journal of Solid State Electrochemistry</i> , <b>2012</b> , 16, 227-234	2.6	17
49	Nanoporous nickel microspheres: synthesis and application for the electro-catalytic oxidation and determination of acyclovir. <i>Analytical Sciences</i> , <b>2012</b> , 28, 503-10	1.7	16
48	Desferal as improving agent for hemoglobin fructation: structural and functional impacts. <i>Protein Journal</i> , <b>2012</b> , 31, 651-5	3.9	2
47	A non-enzymatic amperometric sensor for glucose based on cobalt oxide nanoparticles. <i>Journal of Experimental Nanoscience</i> , <b>2012</b> , 7, 529-546	1.9	32
46	A study of the lithium intercalation into nanoparticles of LiCoO <sub>2</sub> from an aqueous solution. <i>Journal of Applied Electrochemistry</i> , <b>2012</b> , 42, 279-289	2.6	14
45	A Study of the Electro-catalytic Oxidation of Deferiprone and Deferasirox on Nanoshells of NaCo[Fe(CN) <sub>6</sub> ]-Applied to Sensing in Pharmaceuticals and Biological Fluids. <i>Sensor Letters</i> , <b>2012</b> , 10, 794-805	0.9	7
44	Investigation of the Lithium Intercalation Behavior of Nanosheets of LiV <sub>3</sub> O <sub>8</sub> in an Aqueous Solution. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 10889-10897	3.8	36
43	Advances in iron chelation: an update. <i>Expert Opinion on Therapeutic Patents</i> , <b>2011</b> , 21, 819-56	6.8	60
42	Low-temperature synthesis of LiV <sub>3</sub> O <sub>8</sub> nanosheets as an anode material with high power density for aqueous lithium-ion batteries. <i>Materials Chemistry and Physics</i> , <b>2011</b> , 126, 476-479	4.4	27
41	Nanoflakes of cobalt oxide for highly sensitive sensing of two orally iron chelating drugs deferasirox and deferiprone. <i>Journal of Experimental Nanoscience</i> , <b>2011</b> , 6, 488-508	1.9	11
40	An electro-catalytic transducer for L-cysteine detection based on cobalt hexacyanoferrate nanoparticles with a core-shell structure. <i>Analytical Biochemistry</i> , <b>2011</b> , 409, 74-80	3.1	72
39	Electrooxidation and determination of etidronate using copper nanoparticles and microparticles-modified carbon paste electrodes. <i>Journal of the Brazilian Chemical Society</i> , <b>2010</b> , 21, 16-24	1.5	10

38	Nickel oxide nanotubes-carbon microparticles/Nafion nanocomposite for the electrooxidation and sensitive detection of metformin. <i>Talanta</i> , <b>2010</b> , 82, 1126-35	6.2	68
37	Electrocatalytic oxidation of the antiviral drug acyclovir on a copper nanoparticles-modified carbon paste electrode. <i>Journal of Solid State Electrochemistry</i> , <b>2010</b> , 14, 787-795	2.6	54
36	Electrooxidation of dextromethorphan on a carbon nanotube-carbon microparticle-ionic liquid composite: applied to determination in pharmaceutical forms. <i>Journal of Solid State Electrochemistry</i> , <b>2010</b> , 14, 1515-1523	2.6	27
35	Electrocatalytic oxidation and sensitive detection of deferoxamine on nanoparticles of Fe <sub>2</sub> O <sub>3</sub> @NaCo[Fe(CN) <sub>6</sub> ]-modified paste electrode. <i>Journal of Solid State Electrochemistry</i> , <b>2010</b> , 14, 1637-1647	2.6	23
34	Voltammetric investigation and amperometric detection of the bisphosphonate drug sodium alendronate using a copper nanoparticles-modified electrode. <i>Journal of Solid State Electrochemistry</i> , <b>2010</b> , 14, 2275-2283	2.6	10
33	Fe <sub>2</sub> O <sub>3</sub> core-NaCo[Fe(CN) <sub>6</sub> ] shell nanoparticles: synthesis and characterization. <i>Materials Research Bulletin</i> , <b>2010</b> , 45, 850-858	5.1	20
32	Ultrasensitive sensing of N-acetyl-L-cysteine using an electrocatalytic transducer of nanoparticles of iron(III) oxide core-cobalt hexacyanoferrate shell. <i>Sensors and Actuators B: Chemical</i> , <b>2010</b> , 145, 185-193	8.5	48
31	An electrochemical acetylcholine biosensor based on nanoshells of hollow nickel microspheres-carbon microparticles-Nafion nanocomposite. <i>Biosensors and Bioelectronics</i> , <b>2010</b> , 25, 2329-335	11.8	59
30	Nanoflakes of the cobaltous oxide, CoO: Synthesis and characterization. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 2139-2148	6.7	71
29	Electrochemical oxidation and determination of ceftriaxone on a glassy carbon and carbon-nanotube-modified glassy carbon electrodes. <i>Journal of Solid State Electrochemistry</i> , <b>2009</b> , 13, 407-416	2.6	49
28	Electrooxidation and determination of some non-steroidal anti-inflammatory drugs on nanoparticles of Ni-urcumin-complex-modified electrode. <i>Journal of Solid State Electrochemistry</i> , <b>2009</b> , 13, 1951-1958	2.6	31
27	Copper nanoparticles-carbon microparticles nanocomposite for electrooxidation and sensitive detection of sotalol. <i>Sensors and Actuators B: Chemical</i> , <b>2009</b> , 140, 245-251	8.5	41
26	Copper nanoparticles-modified carbon paste transducer as a biosensor for determination of acetylcholine. <i>Biosensors and Bioelectronics</i> , <b>2009</b> , 24, 2328-33	11.8	77
25	Fine steps of electrocatalytic oxidation and sensitive detection of some amino acids on copper nanoparticles. <i>Analytical Biochemistry</i> , <b>2009</b> , 388, 81-90	3.1	79
24	Detergency effects of nanofibrillar amyloid formation on glycation of human serum albumin. <i>Carbohydrate Research</i> , <b>2008</b> , 343, 2229-34	2.9	43
23	A nonenzymatic biosensor based on copper nanoparticles modified electrode for detection of acetylcholine. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2008</b> , 2008, 2314-7	0.9	
22	Electroactive centers in Euphorbia latex and lentil seedling amine oxidases. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2008</b> , 72, 29-36	2.1	4
21	Electrochemistry of deferiprone as an orally active iron chelator and HIV-1 replication inhibitor and its determination. <i>Journal of the Brazilian Chemical Society</i> , <b>2008</b> , 19, 1017-1022	1.5	22



20	Electrocatalytic oxidation of aspirin and acetaminophen on a cobalt hydroxide nanoparticles modified glassy carbon electrode. <i>Journal of Solid State Electrochemistry</i> , <b>2008</b> , 12, 1117-1128	2.6	72
19	Electrocatalytic oxidation of deferiprone and its determination on a carbon nanotube-modified glassy carbon electrode. <i>Electrochimica Acta</i> , <b>2008</b> , 53, 2907-2916	6.7	44
18	Micellar histidinate hematin complex as an artificial peroxidase enzyme model: Voltammetric and spectroscopic investigations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 320, 213-221	5.1	31
17	Electrocatalytic oxidation and determination of deferasirox and deferiprone on a nickel oxyhydroxide-modified electrode. <i>Analytical Biochemistry</i> , <b>2008</b> , 373, 337-48	3.1	57
16	Electrocatalytic oxidation of some amino acids on a nickel-curcumin complex modified glassy carbon electrode. <i>Electrochimica Acta</i> , <b>2007</b> , 52, 4622-4629	6.7	86
15	Electrocatalytic oxidation of some anti-inflammatory drugs on a nickel hydroxide-modified nickel electrode. <i>Electrochimica Acta</i> , <b>2007</b> , 53, 1766-1774	6.7	72
14	Adsorption of human serum albumin onto glassy carbon surface [Applied to albumin-modified electrode: Mode of protein-ligand interactions. <i>Journal of Electroanalytical Chemistry</i> , <b>2007</b> , 610, 67-74	4.1	50
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11	The investigation of the kinetics and mechanism of hydrogen evolution reaction on tin. <i>International Journal of Hydrogen Energy</i> , <b>2007</b> , 32, 1755-1761	6.7	68
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