

Hossein Heli

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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 study of the electro-catalytic oxidation of methanol on a cobalt hydroxide modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2003 , 48, 3423-3429	6.7	149
144	Electro-oxidation of methanol on copper in alkaline solution. <i>Electrochimica Acta</i> , 2004 , 49, 4999-5006	6.7	132
143	Rectangular shaped zinc oxide nanoparticles: Green synthesis by Stevia and its biomedical efficiency. <i>Ceramics International</i> , 2018 , 44, 15596-15602	5.1	91
142	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> , 2014 , 123, 518-526	6.7	89
141	Electrocatalytic oxidation of some amino acids on a nickel-curcumin complex modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2007 , 52, 4622-4629	6.7	86
140	Fine steps of electrocatalytic oxidation and sensitive detection of some amino acids on copper nanoparticles. <i>Analytical Biochemistry</i> , 2009 , 388, 81-90	3.1	79
139	Copper nanoparticles-modified carbon paste transducer as a biosensor for determination of acetylcholine. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 2328-33	11.8	77
138	Gold nanoparticles biosensor of Brucella spp. genomic DNA: Visual and spectrophotometric detections. <i>Biochemical Engineering Journal</i> , 2015 , 97, 1-7	4.2	74
137	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> , 2017 , 252, 62-71	8.5	74
136	Label-free electrochemical aptasensing of the human prostate-specific antigen using gold nanospears. <i>Talanta</i> , 2016 , 156-157, 218-224	6.2	72
135	An electrocatalytic transducer for L-cysteine detection based on cobalt hexacyanoferrate nanoparticles with a core-shell structure. <i>Analytical Biochemistry</i> , 2011 , 409, 74-80	3.1	72
134	Electrocatalytic oxidation of some anti-inflammatory drugs on a nickel hydroxide-modified nickel electrode. <i>Electrochimica Acta</i> , 2007 , 53, 1766-1774	6.7	72
133	Electrocatalytic oxidation of aspirin and acetaminophen on a cobalt hydroxide nanoparticles modified glassy carbon electrode. <i>Journal of Solid State Electrochemistry</i> , 2008 , 12, 1117-1128	2.6	72
132	Nanostructured materials in electroanalysis of pharmaceuticals. <i>Analytical Biochemistry</i> , 2016 , 497, 39-47	3.1	71
131	Nanoflakes of the cobaltous oxide, CoO: Synthesis and characterization. <i>Electrochimica Acta</i> , 2010 , 55, 2139-2148	6.7	71
130	Electrocatalytic oxidation of methane at nickel hydroxide modified nickel electrode in alkaline solution. <i>Electrochemistry Communications</i> , 2003 , 5, 184-188	5.1	71
129	Nickel oxide nanotubes-carbon microparticles/Nafion nanocomposite for the electrooxidation and sensitive detection of metformin. <i>Talanta</i> , 2010 , 82, 1126-35	6.2	68

128	The investigation of the kinetics and mechanism of hydrogen evolution reaction on tin. <i>International Journal of Hydrogen Energy</i> , 2007 , 32, 1755-1761	6.7	68
127	Electrocatalytic oxidation of glucose at a Ni-curcumin modified glassy carbon electrode. <i>Journal of Solid State Electrochemistry</i> , 2006 , 11, 273-282	2.6	65
126	A study of the electrocatalytic oxidation of aspirin on a nickel hydroxide-modified nickel electrode. <i>Journal of Solid State Electrochemistry</i> , 2007 , 11, 601-607	2.6	62
125	Advances in iron chelation: an update. <i>Expert Opinion on Therapeutic Patents</i> , 2011 , 21, 819-56	6.8	60
124	Copper/copper oxide nanoparticles synthesis using <i>Stachys lavandulifolia</i> and its antibacterial activity. <i>IET Nanobiotechnology</i> , 2017 , 11, 709-713	2	59
123	An electrochemical acetylcholine biosensor based on nanoshells of hollow nickel microspheres-carbon microparticles-Nafion nanocomposite. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 2329-33	11.8	59
122	Electrocatalytic oxidation and determination of deferasirox and deferiprone on a nickel oxyhydroxide-modified electrode. <i>Analytical Biochemistry</i> , 2008 , 373, 337-48	3.1	57
121	An electrochemical acetylcholine sensor based on lichen-like nickel oxide nanostructure. <i>Biosensors and Bioelectronics</i> , 2013 , 48, 197-202	11.8	56
120	Electrocatalytic oxidation of the antiviral drug acyclovir on a copper nanoparticles-modified carbon paste electrode. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 787-795	2.6	54
119	An ultrasensitive electrochemical aptasensor for early diagnosis of Alzheimer's disease, using a fern leaves-like gold nanostructure. <i>Talanta</i> , 2019 , 198, 510-517	6.2	50
118	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> , 2007 , 610, 67-74	4.1	50
117	Electrochemical oxidation and determination of ceftriaxone on a glassy carbon and carbon-nanotube-modified glassy carbon electrodes. <i>Journal of Solid State Electrochemistry</i> , 2009 , 13, 407-416	2.6	49
116	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> , 2010 , 145, 185-193	8.5	48
115	Electrochemical investigation of neutral red binding to DNA at the surface. <i>Electrochemistry Communications</i> , 2004 , 6, 1114-1118	5.1	46
114	Graphene nanosheets-poly(o-aminophenol) nanocomposite for supercapacitor applications. <i>Materials Chemistry and Physics</i> , 2012 , 134, 21-25	4.4	44
113	Biosynthesis of Silver Nanoparticles Using Pine Pollen and Evaluation of the Antifungal Efficiency. <i>Iranian Journal of Biotechnology</i> , 2017 , 15, 95-101	1	44
112	Electrocatalytic oxidation of deferiprone and its determination on a carbon nanotube-modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2008 , 53, 2907-2916	6.7	44
111	Detergency effects of nanofibrillar amyloid formation on glycation of human serum albumin. <i>Carbohydrate Research</i> , 2008 , 343, 2229-34	2.9	43

110	Cobalt nanoflowers: Synthesis, characterization and derivatization to cobalt hexacyanoferrate. Electrochemical oxidation and determination of sulfite and nitrite. <i>Electrochimica Acta</i> , 2012 , 77, 294-301	6.7	42
109	In vivo evaluation of a self-nanoemulsifying drug delivery system for curcumin. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 88, 715-720	7.5	41
108	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> , 2016 , 768, 134-144	4.1	41
107	Enhanced electrocatalytic reduction and highly sensitive nonenzymatic detection of hydrogen peroxide using platinum hierarchical nanoflowers. <i>Sensors and Actuators B: Chemical</i> , 2014 , 192, 310-316	8.5	41
106	Copper nanoparticles/carbon microparticles nanocomposite for electrooxidation and sensitive detection of sotalol. <i>Sensors and Actuators B: Chemical</i> , 2009 , 140, 245-251	8.5	41
105	A molecularly imprinted electrochemical nanobiosensor for prostate specific antigen determination. <i>Analytical Biochemistry</i> , 2019 , 566, 116-125	3.1	41
104	Sonoelectrodeposition of gold nanorods at a gold surface. Application for electrocatalytic reduction and determination of nitrofurazone. <i>Sensors and Actuators B: Chemical</i> , 2015 , 210, 96-102	8.5	40
103	Cobalt hexacyanoferrate/graphene nanocomposite. Application for the electrocatalytic oxidation and amperometric determination of captopril. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 1098-1106	8.5	39
102	Graphene/poly(ortho-phenylenediamine) nanocomposite material for electrochemical supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 2203-2212	2.6	37
101	Green electrodeposition of gold hierarchical dendrites of pyramidal nanoparticles and determination of azathioprine. <i>Sensors and Actuators B: Chemical</i> , 2015 , 215, 113-118	8.5	36
100	An ultrasensitive electrochemical genosensor for Brucella based on palladium nanoparticles. <i>Analytical Biochemistry</i> , 2016 , 510, 11-17	3.1	36
99	Investigation of the Lithium Intercalation Behavior of Nanosheets of LiV ₃ O ₈ in an Aqueous Solution. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 10889-10897	3.8	36
98	A flower-like nickel oxide nanostructure: synthesis and application for choline sensing. <i>Talanta</i> , 2014 , 119, 207-13	6.2	35
97	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> , 2015 , 129, 15-20	6	34
96	Bacterial Biosynthesis of Gold Nanoparticles Using Salmonella enterica subsp. enterica serovar Typhi Isolated from Blood and Stool Specimens of Patients. <i>Journal of Cluster Science</i> , 2017 , 28, 2997-3007	3.7	34
95	Gold nanoparticles-based biosensing of Leishmania major kDNA genome: Visual and spectrophotometric detections. <i>Sensors and Actuators B: Chemical</i> , 2016 , 235, 723-731	8.5	34
94	An electrochemical genosensor for Leishmania major detection based on dual effect of immobilization and electrocatalysis of cobalt-zinc ferrite quantum dots. <i>Talanta</i> , 2016 , 156-157, 172-179	6.2	33
93	A label-free, PCR-free and signal-on electrochemical DNA biosensor for Leishmania major based on gold nanoleaves. <i>Talanta</i> , 2016 , 161, 48-53	6.2	33

92	A signal-on built in-marker electrochemical aptasensor for human prostate-specific antigen based on a hairbrush-like gold nanostructure. <i>Scientific Reports</i> , 2017 , 7, 11238	4.9	32
91	A non-enzymatic amperometric sensor for glucose based on cobalt oxide nanoparticles. <i>Journal of Experimental Nanoscience</i> , 2012 , 7, 529-546	1.9	32
90	Alginate as an antiglycating agent for human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2007 , 41, 180-4	7.9	32
89	Zepto-molar electrochemical detection of Brucella genome based on gold nanoribbons covered by gold nanoblooms. <i>Scientific Reports</i> , 2015 , 5, 18060	4.9	32
88	Zinc/Nickel Ferrite Nanoparticles as a Contrast Agent in Magnetic Resonance Imaging. <i>Applied Magnetic Resonance</i> , 2016 , 47, 925-935	0.8	31
87	Electrooxidation and determination of some non-steroidal anti-inflammatory drugs on nanoparticles of Ni/curcumin-complex-modified electrode. <i>Journal of Solid State Electrochemistry</i> , 2009 , 13, 1951-1958	2.6	31
86	Micellar histidinate hematin complex as an artificial peroxidase enzyme model: Voltammetric and spectroscopic investigations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008 , 320, 213-221	5.1	31
85	Evaluation of a self-nanoemulsifying docetaxel delivery system. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 2427-2433	7.5	31
84	A study on open circuit voltage reduction as a main drawback of Zn/Polyaniline rechargeable batteries. <i>Synthetic Metals</i> , 2005 , 155, 480-484	3.6	30
83	Applications of Nanoflowers in Biomedicine. <i>Recent Patents on Nanotechnology</i> , 2018 , 12, 22-33	1.2	28
82	Change in morphology of polyaniline/graphite composite: A fractal dimension approach. <i>Synthetic Metals</i> , 2006 , 156, 911-916	3.6	28
81	Synthesis and Applications of Nanoflowers. <i>Recent Patents on Nanotechnology</i> , 2016 , 10, 86-115	1.2	28
80	Low-temperature synthesis of LiV ₃ O ₈ nanosheets as an anode material with high power density for aqueous lithium-ion batteries. <i>Materials Chemistry and Physics</i> , 2011 , 126, 476-479	4.4	27
79	Electrooxidation of dextromethorphan on a carbon nanotube/carbon microparticle/graphic liquid composite: applied to determination in pharmaceutical forms. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 1515-1523	2.6	27
78	An electrochemical troponin T aptasensor based on the use of a macroporous gold nanostructure. <i>Mikrochimica Acta</i> , 2019 , 186, 377	5.8	26
77	Non-enzymatic glucose biosensor based on hyperbranched pine-like gold nanostructure. <i>Materials Science and Engineering C</i> , 2016 , 63, 150-4	8.3	26
76	Photothermal cancer therapy by gold-ferrite nanocomposite and near-infrared laser in animal model. <i>Lasers in Medical Science</i> , 2016 , 31, 221-7	3.1	26
75	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> , 2016 , 36, 68-74	4.5	26

74	A novel self-nanoemulsifying formulation for sunitinib: Evaluation of anticancer efficacy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 65-72	6	25
73	Poly(ortho-aminophenol)/graphene nanocomposite as an efficient supercapacitor electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014 , 713, 103-111	4.1	23
72	Electrocatalytic oxidation and sensitive detection of deferoxamine on nanoparticles of Fe ₂ O ₃ @NaCo[Fe(CN) ₆]-modified paste electrode. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 1637-1647	2.6	23
71	An electrochemical study of neutral red-DNA interaction. <i>Electrochimica Acta</i> , 2005 , 51, 1108-1116	6.7	23
70	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> , 2008 , 19, 1017-1022	1.5	22
69	Electrocatalytic oxidation and electrochemical detection of guanine, L-arginine and L-lysine at a copper nanoparticles-modified electrode. <i>Analytical Methods</i> , 2014 , 6, 6981	3.2	21
68	An electrochemical study of safranin O binding to DNA at the surface. <i>Journal of Solid State Electrochemistry</i> , 2007 , 11, 593-599	2.6	21
67	An Aptamer-based Biosensor for Troponin I Detection in Diagnosis of Myocardial Infarction. <i>Journal of Biomedical Physics and Engineering</i> , 2018 , 8,	1	21
66	Investigation of anti-leishmanial efficacy of miltefosine and ketoconazole loaded on nanoniosomes. <i>Acta Tropica</i> , 2018 , 185, 69-76	3.2	20
65	An electrochemical troponin I peptisensor using a triangular icicle-like gold nanostructure. <i>Biochemical Engineering Journal</i> , 2019 , 151, 107326	4.2	20
64	An electrochemical peptide-based biosensor for the Alzheimer biomarker amyloid- β using a microporous gold nanostructure. <i>Mikrochimica Acta</i> , 2019 , 186, 766	5.8	20
63	Fe ₂ O ₃ core-NaCo[Fe(CN) ₆] shell nanoparticles-Synthesis and characterization. <i>Materials Research Bulletin</i> , 2010 , 45, 850-858	5.1	20
62	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> , 2017 , 531, 299-305	6.5	18
61	Green electrodeposition of gold nanostructures by diverse size, shape, and electrochemical activity. <i>Gold Bulletin</i> , 2016 , 49, 95-102	1.6	17
60	An aqueous rechargeable lithium-ion battery based on LiCoO ₂ nanoparticles cathode and LiV ₃ O ₈ nanosheets anode. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 227-234	2.6	17
59	Nanoporous nickel microspheres: synthesis and application for the electrocatalytic oxidation and determination of acyclovir. <i>Analytical Sciences</i> , 2012 , 28, 503-10	1.7	16
58	Albumin nanoparticle-coated carbon composite electrode for electrical double-layer biosupercapacitor applications. <i>Journal of Materials Science</i> , 2013 , 48, 2346-2351	4.3	15
57	A study of the lithium intercalation into nanoparticles of LiCoO ₂ from an aqueous solution. <i>Journal of Applied Electrochemistry</i> , 2012 , 42, 279-289	2.6	14

56	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> , 2020 , 178, 112948	3.5	14
55	Electrochemical biosensing of influenza A subtype genome based on meso/macroporous cobalt (II) oxide nanoflakes-applied to human samples. <i>Analytica Chimica Acta</i> , 2017 , 979, 51-57	6.6	13
54	Highly simple and visual colorimetric detection of <i>Brucella melitensis</i> genomic DNA in clinical samples based on gold nanoparticles. <i>Journal of the Iranian Chemical Society</i> , 2015 , 12, 1569-1576	2	13
53	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> , 2018 , 166, 245-253	6	13
52	Synthesis of carbon nanoparticles-poly(ortho-aminophenol) nanocomposite and its application for electroanalysis of iodate. <i>Sensors and Actuators B: Chemical</i> , 2018 , 256, 878-887	8.5	13
51	Oxidation and determination of Gabapentin on nanotubes of nickel oxide-modified carbon paste electrode. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 45-52	2.6	13
50	Electrooxidation and determination of perphenazine on a graphene oxide nanosheet-modified electrode. <i>RSC Advances</i> , 2015 , 5, 21005-21011	3.7	12
49	Advances in prostate specific antigen biosensors-impact of nanotechnology. <i>Clinica Chimica Acta</i> , 2020 , 504, 43-55	6.2	12
48	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> , 2014 , 196, 631-639	8.5	12
47	A nanocomposite of CoFe ₂ O ₄ -carbon microspheres for electrochemical energy storage applications. <i>International Journal of Green Energy</i> , 2019 , 16, 476-482	3	12
46	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> , 2018 , 1041, 40-49	6.6	11
45	Nanoflakes of cobalt oxide for highly sensitive sensing of two orally iron chelating drugs deferasirox and deferiprone. <i>Journal of Experimental Nanoscience</i> , 2011 , 6, 488-508	1.9	11
44	Paromomycin-loaded mannosylated chitosan nanoparticles: Synthesis, characterization and targeted drug delivery against leishmaniasis. <i>Acta Tropica</i> , 2019 , 197, 105045	3.2	10
43	An impedimetric genosensor for <i>Leishmania infantum</i> based on electrodeposited cadmium sulfide nanosheets. <i>Talanta</i> , 2020 , 217, 121080	6.2	10
42	A Nanocomposite of Nickel Hexacyanoferrate Dots-Graphene Nanosheets-Applied to the Electrocatalytic Oxidation and Determination of N-Acetyl-L-Cysteine. <i>Sensor Letters</i> , 2013 , 11, 656-664	0.9	10
41	Electrooxidation and determination of etidronate using copper nanoparticles and microparticles-modified carbon paste electrodes. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 16-24	1.5	10
40	Voltammetric investigation and amperometric detection of the bisphosphonate drug sodium alendronate using a copper nanoparticles-modified electrode. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 2275-2283	2.6	10
39	Electrodeposition of nickel wrinkled nanostructure from choline chloride:Urea deep eutectic solvent (reline) and application for electroanalysis of simvastatin. <i>Microchemical Journal</i> , 2020 , 152, 104267	4.8	10

38	Capecitabine-loaded nanoniosomes and evaluation of anticancer efficacy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 420-426	6.1	9
37	Synthesis of Novel NiFe ₂ O ₄ Nanospheres for High Performance Pseudocapacitor Applications. <i>Russian Journal of Electrochemistry</i> , 2019 , 55, 206-214	1.2	9
36	Development of self-nanoemulsifying drug delivery systems for oil extracts of Citrus aurantium L. blossoms and Rose damascena and evaluation of anticancer properties. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 47, 330-336	4.5	9
35	Iron oxyhydroxide@cobalt hexacyanoferrate coaxial nanostructure: Synthesis, characterization and pseudocapacitive behavior. <i>Journal of Electroanalytical Chemistry</i> , 2014 , 719, 143-149	4.1	9
34	Electrooxidation Behavior and Amperometric Determination of Sotalol on a Graphene Oxide Nanosheets-modified Glassy Carbon Electrode. <i>Current Pharmaceutical Analysis</i> , 2013 , 9, 291-298	0.6	9
33	Fibroin nanofibrils as an electrode material for electrical double-layer biosupercapacitor applications. <i>Journal of Applied Electrochemistry</i> , 2015 , 45, 577-583	2.6	8
32	Phytosynthesis of Silver Nanoparticles Using Myrtus communis L. Leaf Extract and Investigation of Bactericidal Activity. <i>Journal of Electronic Materials</i> , 2017 , 46, 6930-6935	1.9	7
31	A Study of the Electrocatalytic Oxidation of Deferiprone and Deferasirox on Nanoshells of NaCo[Fe(CN) ₆]-Applied to Sensing in Pharmaceuticals and Biological Fluids. <i>Sensor Letters</i> , 2012 , 10, 794-805	0.9	7
30	Synthesis of nickel nanowrinkles and its application for the electrocatalytic oxidation and sensitive detection of hydrochlorothiazide. <i>Microchemical Journal</i> , 2017 , 130, 205-212	4.8	6
29	A study on the supercapacitive behavior of zinc substituted manganese ferrite nanoparticles. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 841-849	2	6
28	Improving Pharmaceutical Characteristics of Curcumin by Alginate/Pectin Microparticles. <i>Pharmaceutical Chemistry Journal</i> , 2016 , 50, 131-136	0.9	5
27	A study of the charge propagation in nanoparticles of Fe ₂ O ₃ core-cobalt hexacyanoferrate shell by chronoamperometry and electrochemical impedance spectroscopy. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 53-64	2.6	5
26	A study on the pseudocapacitive behavior of polyluminal/graphene nanocomposite. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 751, 15-22	4.1	5
25	A study of double stranded DNA adsorption on aluminum surface by means of electrochemical impedance spectroscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 116, 526-30	6	5
24	Amperometric Determination of Ascorbic Acid in Pharmaceutical Formulations by a Reduced Graphene Oxide-cobalt Hexacyanoferrate Nanocomposite. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 453-63	1.1	5
23	An Aptamer-based Biosensor for Troponin I Detection in Diagnosis of Myocardial Infarction. <i>Journal of Biomedical Physics and Engineering</i> , 2018 , 8, 167-178	1	5
22	Label-free ultrasensitive electrochemical genosensing of Trichomonas vaginalis 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> , 2018 , 273, 234-241	8.5	4
21	Electrochemical biosensing of 16s rRNA gene sequence of Enterococcus faecalis. <i>Biosensors and Bioelectronics</i> , 2019 , 142, 111541	11.8	4

20	Deferiprone: structural and functional modulating agent of hemoglobin fructation. <i>Molecular Biology Reports</i> , 2014 , 41, 1723-9	2.8	4
19	Electroactive centers in Euphorbia latex and lentil seedling amine oxidases. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008 , 72, 29-36	2.1	4
18	Electrochemical Genosensing of Leishmania major using Gold Hierarchical Nanoleaflets. <i>Journal of Biology and Today's World</i> , 2016 , 5,		4
17	Effect of Magnetic Fluid Hyperthermia on Implanted Melanoma in Mouse Models. <i>Iranian Journal of Medical Sciences</i> , 2016 , 41, 314-21	1.2	4
16	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> , 2018 , 815, 134-142	4.1	3
15	Synthesis, characterization, in vitro and in vivo studies of dextrin-coated zinc-iron ferrite nanoparticles (Zn _{0.5} Fe _{0.5} Fe ₂ O ₄) as contrast agent in MRI. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 120, 1189-1196	2.6	2
14	Electrooxidation and amperometric determination of vorinostat on hierarchical leaf-like gold nanolayers. <i>Talanta</i> , 2018 , 178, 704-709	6.2	2
13	Desferal as improving agent for hemoglobin fructation: structural and functional impacts. <i>Protein Journal</i> , 2012 , 31, 651-5	3.9	2
12	Investigation of the pyridinium ion transfer across the water/nitrobenzene interface by means of cyclic voltammetry and ac-impedance techniques. <i>Electrochimica Acta</i> , 2002 , 47, 2209-2214	6.7	2
11	Electrodeposition of Nickel Hydroxide Nanoparticles on Glassy Carbon Electrode-Applied to Electroanalysis of L-Methionine. <i>Sensor Letters</i> , 2016 , 14, 65-71	0.9	2
10	Copper hexacyanoferrate-graphene nanocomposite: synthesis, characterisation and application for the electrocatalytic oxidation and determination of thiosulfate. <i>International Journal of Nanoparticles</i> , 2015 , 8, 132	0.4	1
9	The Kirkendall Effect: its Efficacy in the Formation of Hollow Nanostructures. <i>Journal of Biology and Today's World</i> , 2016 , 5,		1
8	Inhibitory Effects of Some Carbohydrates on Nano-Globular Aggregation of both Normal and Glycated Albumin. <i>Avicenna Journal of Medical Biotechnology</i> , 2016 , 8, 126-32	1.4	1
7	Synthesis of copper nanoshales from a TritonX-100/cyclohexane/water ternary microemulsion system. <i>Journal of the Serbian Chemical Society</i> , 2016 , 81, 395-401	0.9	1
6	A β -Amyloid Biosensor Based on Molecularly Imprinted Poly-Pyrrole for Early Diagnosis of Alzheimer's Disease. <i>Journal of Biomedical Physics and Engineering</i> , 2021 , 11, 215-228	1	1
5	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> , 2022 , 287, 117082	3.6	1
4	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> , 2008 , 2314-7	0.9	
3	A Cardiac Troponin T Biosensor Based on Aptamer Self-assembling on Gold. <i>International Journal of Molecular and Cellular Medicine</i> , 2019 , 8, 271-283	1.2	

- 2 Synthesis of Flower-like Nickel Hydroxide Nanosheets and Application in Electrochemical Determination of Famotidine. *Iranian Journal of Pharmaceutical Research*, **2020**, 19, 120-137 1.1
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