Hossein Heli

List of Publications by Year
in descending order

149 papers	5,375 citations	57719 44 h-index	110317 64 g-index
152 all docs	152 docs citations	152 times ranked	5575 citing authors

#	Article	IF	Citations
1	A study of the electro-catalytic oxidation of methanol on a cobalt hydroxide modified glassy carbon electrode. Electrochimica Acta, 2003, 48, 3423-3429.	2.6	163
2	Electro-oxidation of methanol on copper in alkaline solution. Electrochimica Acta, 2004, 49, 4999-5006.	2.6	147
3	Rectangular shaped zinc oxide nanoparticles: Green synthesis by Stevia and its biomedical efficiency. Ceramics International, 2018, 44, 15596-15602.	2.3	131
4	Electrochemical aptasensing of human cardiac troponin I based on an array of gold nanodumbbells-Applied to early detection of myocardial infarction. Sensors and Actuators B: Chemical, 2017, 252, 62-71.	4.0	103
5	Electrocatalytic oxidation of some amino acids on a nickelâ€“curcumin complex modified glassy carbon electrode. Electrochimica Acta, 2007, 52, 4622-4629.	2.6	101
6	Cobalt oxide nanoparticles anchored to multiwalled carbon nanotubes: Synthesis and application for enhanced electrocatalytic reaction and highly sensitive nonenzymatic detection of hydrogen peroxide. Electrochimica Acta, 2014, 123, 518-526.	2.6	100
7	Electrocatalytic oxidation of methane at nickel hydroxide modified nickel electrode in alkaline solution. Electrochemistry Communications, 2003, 5, 184-188.	2.3	91
8	The investigation of the kinetics and mechanism of hydrogen evolution reaction on tin. International Journal of Hydrogen Energy, 2007, 32, 1755-1761.	3.8	91
9	Fine steps of electrocatalytic oxidation and sensitive detection of some amino acids on copper nanoparticles. Analytical Biochemistry, 2009, 388, 81-90.	1.1	89
10	Electrocatalytic oxidation of some anti-inflammatory drugs on a nickel hydroxide-modified nickel electrode. Electrochimica Acta, 2007, 53, 1766-1774.	2.6	88
11	Gold nanoparticles biosensor of Brucella spp. genomic DNA: Visual and spectrophotometric detections. Biochemical Engineering Journal, 2015, 97, 1-7.	1.8	88
12	Copper nanoparticles-modified carbon paste transducer as a biosensor for determination of acetylcholine. Biosensors and Bioelectronics, 2009, 24, 2328-2333.	5.3	86
13	An electrocatalytic transducer for l-cysteine detection based on cobalt hexacyanoferrate nanoparticles with a coreâ€“shell structure. Analytical Biochemistry, 2011, 409, 74-80.	1.1	81
14	Label-free electrochemical aptasensing of the human prostate-specific antigen using gold nanospears. Talanta, 2016, 156-157, 218-224.	2.9	81
15	Nanostructured materials in electroanalysis of pharmaceuticals. Analytical Biochemistry, 2016, 497, 39-47.	1.1	81
16	Electrocatalytic oxidation of aspirin and acetaminophen on a cobalt hydroxide nanoparticles modified glassy carbon electrode. Journal of Solid State Electrochemistry, 2008, 12, 1117-1128.	1.2	80
17	Nickel oxide nanotubes-carbon microparticles/Nafion nanocomposite for the electrooxidation and sensitive detection of metformin. Talanta, 2010, 82, 1126-1135.	2.9	80
18	An ultrasensitive electrochemical aptasensor for early diagnosis of Alzheimerâ€™s disease, using a fern leaves-like gold nanostructure. Talanta, 2019, 198, 510-517.	2.9	80

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19	Nanoflakes of the cobaltous oxide, CoO: Synthesis and characterization. Electrochimica Acta, 2010, 55, 2139-2148.	2.6	77
20	Copper/copper oxide nanoparticles synthesis usingStachys lavandulifoliaand its antibacterial activity. IET Nanobiotechnology, 2017, 11, 709-713.	1.9	76
21	Electrocatalytic oxidation of glucose at a Ni-curcumin modified glassy carbon electrode. Journal of Solid State Electrochemistry, 2006, 11, 273-282.	1.2	73
22	A study of the electrocatalytic oxidation of aspirin on a nickel hydroxide-modified nickel electrode. Journal of Solid State Electrochemistry, 2007, 11, 601-607.	1.2	68
23	Advances in iron chelation: an update. Expert Opinion on Therapeutic Patents, 2011, 21, 819-856.	2.4	68
24	An electrochemical acetylcholine biosensor based on nanoshells of hollow nickel microspheres-carbon microparticles-Nafion nanocomposite. Biosensors and Bioelectronics, 2010, 25, 2329-2335.	5.3	67
25	An electrochemical acetylcholine sensor based on lichen-like nickel oxide nanostructure. Biosensors and Bioelectronics, 2013, 48, 197-202.	5.3	66
26	Electrocatalytic oxidation and determination of deferasirox and deferiprone on a nickel oxyhydroxide-modified electrode. Analytical Biochemistry, 2008, 373, 337-348.	1.1	65
27	Electrocatalytic oxidation of the antiviral drug acyclovir on a copper nanoparticles-modified carbon paste electrode. Journal of Solid State Electrochemistry, 2010, 14, 787-795.	1.2	65
28	A molecularly imprinted electrochemical nanobiosensor for prostate specific antigen determination. Analytical Biochemistry, 2019, 566, 116-125.	1.1	64
29	Electrochemical oxidation and determination of ceftriaxone on a glassy carbon and carbon-nanotube-modified glassy carbon electrodes. Journal of Solid State Electrochemistry, 2009, 13, 407-416.	1.2	60
30	In vivo evaluation of a self-nanoemulsifying drug delivery system for curcumin. Biomedicine and Pharmacotherapy, 2017, 88, 715-720.	2.5	60
31	Sonoelectrodeposition of gold nanorods at a gold surface â€“ Application for electrocatalytic reduction and determination of nitrofurazone. Sensors and Actuators B: Chemical, 2015, 210, 96-102.	4.0	58
32	Adsorption of human serum albumin onto glassy carbon surface â€“ Applied to albumin-modified electrode: Mode of proteinâ€“ligand interactions. Journal of Electroanalytical Chemistry, 2007, 610, 67-74.	1.9	57
33	Electrochemical investigation of neutral red binding to DNA at the surface. Electrochemistry Communications, 2004, 6, 1114-1118.	2.3	54
34	Biosynthesis of Silver Nanoparticles Using Pine Pollen and Evaluation of the Antifungal Efficiency. Iranian Journal of Biotechnology, 2017, 15, 95-101.	0.3	53
35	Ultrasensitive sensing of N-acetyl-l-cysteine using an electrocatalytic transducer of nanoparticles of iron(III) oxide coreâ€“cobalt hexacyanoferrate shell. Sensors and Actuators B: Chemical, 2010, 145, 185-193.	4.0	52
36	Cobalt nanoflowers: Synthesis, characterization and derivatization to cobalt hexacyanoferrateâ€”Electrocatalytic oxidation and determination of sulfite and nitrite. Electrochimica Acta, 2012, 77, 294-301.	2.6	50

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37	Graphene nanosheets-poly(o-aminophenol) nanocomposite for supercapacitor applications. Materials Chemistry and Physics, 2012, 134, 21-25.	2.0	50
38	Detergency effects of nanofibrillar amyloid formation on glycation of human serum albumin. Carbohydrate Research, 2008, 343, 2229-2234.	1.1	49
39	Zepto-molar electrochemical detection of Brucella genome based on gold nanoribbons covered by gold nanoblooms. Scientific Reports, 2016, 5, 18060.	1.6	49
40	Electrocatalytic oxidation of deferiprone and its determination on a carbon nanotube-modified glassy carbon electrode. Electrochimica Acta, 2008, 53, 2907-2916.	2.6	48
41	Synthesis of hexagonal CoAl-layered double hydroxide nanoshales/carbon nanotubes composite for the non-enzymatic detection of hydrogen peroxide. Journal of Electroanalytical Chemistry, 2016, 768, 134-144.	1.9	48
42	Cobalt hexacyanoferrate/graphene nanocomposite â€“ Application for the electrocatalytic oxidation and amperometric determination of captopril. Sensors and Actuators B: Chemical, 2013, 177, 1098-1106.	4.0	47
43	Evaluation of a self-nanoemulsifying docetaxel delivery system. Biomedicine and Pharmacotherapy, 2019, 109, 2427-2433.	2.5	47
44	A label-free, PCR-free and signal-on electrochemical DNA biosensor for Leishmania major based on gold nanoleaves. Talanta, 2016, 161, 48-53.	2.9	46
45	An ultrasensitive electrochemical genosensor for Brucella based on palladium nanoparticles. Analytical Biochemistry, 2016, 510, 11-17.	1.1	46
46	Enhanced electrocatalytic reduction and highly sensitive nonenzymatic detection of hydrogen peroxide using platinum hierarchical nanoflowers. Sensors and Actuators B: Chemical, 2014, 192, 310-316.	4.0	45
47	Applications of Nanoflowers in Biomedicine. Recent Patents on Nanotechnology, 2018, 12, 22-33.	0.7	45
48	Graphene/poly(ortho-phenylenediamine) nanocomposite material for electrochemical supercapacitor. Journal of Solid State Electrochemistry, 2013, 17, 2203-2212.	1.2	44
49	Dextrin-coated zinc substituted cobalt-ferrite nanoparticles as an MRI contrast agent: In vitro and in vivo imaging studies. Colloids and Surfaces B: Biointerfaces, 2015, 129, 15-20.	2.5	44
50	Green electrodeposition of gold hierarchical dendrites of pyramidal nanoparticles and determination of azathioprine. Sensors and Actuators B: Chemical, 2015, 215, 113-118.	4.0	43
51	Gold nanoparticles-based biosensing of Leishmania major kDNA genome: Visual and spectrophotometric detections. Sensors and Actuators B: Chemical, 2016, 235, 723-731.	4.0	43
52	Copper nanoparticlesâ€“carbon microparticles nanocomposite for electrooxidation and sensitive detection of sotalol. Sensors and Actuators B: Chemical, 2009, 140, 245-251.	4.0	42
53	Bacterial Biosynthesis of Gold Nanoparticles Using Salmonella enterica subsp. enterica serovar Typhi Isolated from Blood and Stool Specimens of Patients. Journal of Cluster Science, 2017, 28, 2997-3007.	1.7	42
54	Investigation of the Lithium Intercalation Behavior of Nanosheets of LiV₃O₈ in an Aqueous Solution. Journal of Physical Chemistry C, 2011, 115, 10889-10897.	1.5	41

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55	A novel self-nanoemulsifying formulation for sunitinib: Evaluation of anticancer efficacy. Colloids and Surfaces B: Biointerfaces, 2017, 160, 65-72.	2.5	41
56	Electrooxidation and determination of some non-steroidal anti-inflammatory drugs on nanoparticles of Niâ€“curcumin-complex-modified electrode. Journal of Solid State Electrochemistry, 2009, 13, 1951-1958.	1.2	40
57	A non-enzymatic amperometric sensor for glucose based on cobalt oxide nanoparticles. Journal of Experimental Nanoscience, 2012, 7, 529-546.	1.3	40
58	A signal-on built in-marker electrochemical aptasensor for human prostate-specific antigen based on a hairbrush-like gold nanostructure. Scientific Reports, 2017, 7, 11238.	1.6	40
59	Alginate as an antiglycating agent for human serum albumin. International Journal of Biological Macromolecules, 2007, 41, 180-184.	3.6	39
60	An electrochemical genosensor for Leishmania major detection based on dual effect of immobilization and electrocatalysis of cobalt-zinc ferrite quantum dots. Talanta, 2016, 156-157, 172-179.	2.9	39
61	Zincâ€“Nickel Ferrite Nanoparticles as a Contrast Agent in Magnetic Resonance Imaging. Applied Magnetic Resonance, 2016, 47, 925-935.	0.6	39
62	Non-enzymatic glucose biosensor based on hyperbranched pine-like gold nanostructure. Materials Science and Engineering C, 2016, 63, 150-154.	3.8	39
63	An electrochemical peptide-based biosensor for the Alzheimer biomarker amyloid-Î²(1â€“42) using a microporous gold nanostructure. Mikrochimica Acta, 2019, 186, 766.	2.5	38
64	A flower-like nickel oxide nanostructure: Synthesis and application for choline sensing. Talanta, 2014, 119, 207-213.	2.9	37
65	Micellar histidinate hematin complex as an artificial peroxidase enzyme model: Voltammetric and spectroscopic investigations. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 320, 213-221.	2.3	36
66	Synthesis and Applications of Nanoflowers. Recent Patents on Nanotechnology, 2016, 10, 86-115.	0.7	36
67	An electrochemical troponin T aptasensor based on the use of a macroporous gold nanostructure. Mikrochimica Acta, 2019, 186, 377.	2.5	35
68	A study on open circuit voltage reduction as a main drawback of Znâ€“polyaniline rechargeable batteries. Synthetic Metals, 2005, 155, 480-484.	2.1	34
69	Advances in prostate specific antigen biosensors-impact of nanotechnology. Clinica Chimica Acta, 2020, 504, 43-55.	0.5	32
70	An Aptamer-based Biosensor for Troponin I Detection in Diagnosis of Myocardial Infarction. Journal of Biomedical Physics and Engineering, 2018, 8, .	0.5	32
71	Photothermal cancer therapy by gold-ferrite nanocomposite and near-infrared laser in animal model. Lasers in Medical Science, 2016, 31, 221-227.	1.0	31
72	Investigation of anti-leishmanial efficacy of miltefosine and ketoconazole loaded on nanoniosomes. Acta Tropica, 2018, 185, 69-76.	0.9	31

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73	An electrochemical troponin I peptisensor using a triangular icicle-like gold nanostructure. Biochemical Engineering Journal, 2019, 151, 107326.	1.8	31
74	Poly(ortho-aminophenol)/graphene nanocomposite as an efficient supercapacitor electrode. Journal of Electroanalytical Chemistry, 2014, 713, 103-111.	1.9	30
75	Albumin coated arginine-capped magnetite nanoparticles as a paclitaxel vehicle: Physicochemical characterizations and inÂvitro evaluation. Journal of Drug Delivery Science and Technology, 2016, 36, 68-74.	1.4	30
76	Change in morphology of polyaniline/graphite composite: A fractal dimension approach. Synthetic Metals, 2006, 156, 911-916.	2.1	29
77	Electrooxidation of dextromethorphan on a carbon nanotubeâ€“carbon microparticleâ€“ionic liquid composite: applied to determination in pharmaceutical forms. Journal of Solid State Electrochemistry, 2010, 14, 1515-1523.	1.2	29
78	Electrocatalytic oxidation and sensitive detection of deferoxamine on nanoparticles of Fe2O3@NaCo[Fe(CN)6]-modified paste electrode. Journal of Solid State Electrochemistry, 2010, 14, 1637-1647.	1.2	29
79	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. Journal of Pharmaceutical and Biomedical Analysis, 2020, 178, 112948.	1.4	29
80	Low-temperature synthesis of LiV3O8 nanosheets as an anode material with high power density for aqueous lithium-ion batteries. Materials Chemistry and Physics, 2011, 126, 476-479.	2.0	28
81	An electrochemical study of neutral redâ€“DNA interaction. Electrochimica Acta, 2005, 51, 1108-1116.	2.6	27
82	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. International Journal of Pharmaceutics, 2017, 531, 299-305.	2.6	25
83	Electrocatalytic oxidation and electrochemical detection of guanine,<scp>l</scp>-arginine and<scp>l</scp>-lysine at a copper nanoparticles-modified electrode. Analytical Methods, 2014, 6, 6981.	1.3	24
84	Electrochemical quantitation of Leishmania infantum based on detection of its kDNA genome and transduction of non-spherical gold nanoparticles. Analytica Chimica Acta, 2018, 1041, 40-49.	2.6	24
85	An electrochemical study of safranin O binding to DNA at the surface. Journal of Solid State Electrochemistry, 2007, 11, 593-599.	1.2	23
86	Green electrodeposition of gold nanostructures by diverse size, shape, and electrochemical activity. Gold Bulletin, 2016, 49, 95-102.	1.1	23
87	A novel and ultrasensitive electrochemical DNA biosensor based on an ice crystals-like gold nanostructure for the detection of Enterococcus faecalis gene sequence. Colloids and Surfaces B: Biointerfaces, 2018, 166, 245-253.	2.5	23
88	Paromomycin-loaded mannosylated chitosan nanoparticles: Synthesis, characterization and targeted drug delivery against leishmaniasis. Acta Tropica, 2019, 197, 105045.	0.9	23
89	Electrochemistry of deferiprone as an orally active iron chelator and HIV-1 replication inhibitor and its determination. Journal of the Brazilian Chemical Society, 2008, 19, 1017-1022.	0.6	22
90	Fe2O3 coreâ€“NaCo[Fe(CN)6] shell nanoparticlesâ€”Synthesis and characterization. Materials Research Bulletin, 2010, 45, 850-858.	2.7	22

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91	Synthesis of Novel NiFe2O4 Nanospheres for High Performance Pseudocapacitor Applications. Russian Journal of Electrochemistry, 2019, 55, 206-214.	0.3	21
92	Capecitabine-loaded nanoniosomes and evaluation of anticancer efficacy. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 420-426.	1.9	20
93	An impedimetric genosensor for Leishmania infantum based on electrodeposited cadmium sulfide nanosheets. Talanta, 2020, 217, 121080.	2.9	20
94	Nanoporous Nickel Microspheres: Synthesis and Application for the Electrocatalytic Oxidation and Determination of Acyclovir. Analytical Sciences, 2012, 28, 503-510.	0.8	19
95	An aqueous rechargeable lithium-ion battery based on LiCoO2 nanoparticles cathode and LiV3O8 nanosheets anode. Journal of Solid State Electrochemistry, 2012, 16, 227-234.	1.2	17
96	Albumin nanoparticle-coated carbon composite electrode for electrical double-layer biosupercapacitor applications. Journal of Materials Science, 2013, 48, 2346-2351.	1.7	17
97	Highly simple and visual colorimetric detection of Brucella melitensis genomic DNA in clinical samples based on gold nanoparticles. Journal of the Iranian Chemical Society, 2015, 12, 1569-1576.	1.2	17
98	Electrochemical biosensing of influenza A subtype genome based on meso/macroporous cobalt (II) oxide nanoflakes-applied to human samples. Analytica Chimica Acta, 2017, 979, 51-57.	2.6	17
99	Synthesis of carbon nanoparticles-poly(ortho-aminophenol) nanocomposite and its application for electroanalysis of iodate. Sensors and Actuators B: Chemical, 2018, 256, 878-887.	4.0	17
100	Electrooxidation and determination of perphenazine on a graphene oxide nanosheet-modified electrode. RSC Advances, 2015, 5, 21005-21011.	1.7	16
101	Electrochemical biosensing of 16s rRNA gene sequence of Enterococcus faecalis. Biosensors and Bioelectronics, 2019, 142, 111541.	5.3	16
102	A nanocomposite of CoFe₂O₄-carbon microspheres for electrochemical energy storage applications. International Journal of Green Energy, 2019, 16, 476-482.	2.1	16
103	Oxidation and determination of Gabapentin on nanotubes of nickel oxide-modified carbon paste electrode. Journal of Solid State Electrochemistry, 2012, 16, 45-52.	1.2	15
104	Nanoflakes of cobalt oxide for highly sensitive sensing of two orally iron chelating drugs deferasirox and deferiprone. Journal of Experimental Nanoscience, 2011, 6, 488-508.	1.3	14
105	A study of the lithium intercalation into nanoparticles of LiCoO2 from an aqueous solution. Journal of Applied Electrochemistry, 2012, 42, 279-289.	1.5	14
106	Nickel hydroxide nanopetals: One-pot green synthesis, characterization and application for the electrocatalytic oxidation and sensitive detection of montelukast. Sensors and Actuators B: Chemical, 2014, 196, 631-639.	4.0	14
107	Development of self-nanoemulsifying drug delivery systems for oil extracts of Citrus aurantium L. blossoms and Rose damascena and evaluation of anticancer properties. Journal of Drug Delivery Science and Technology, 2018, 47, 330-336.	1.4	14
108	Electrodeposition of nickel wrinkled nanostructure from choline chloride:Urea deep eutectic solvent (reline) and application for electroanalysis of simvastatin. Microchemical Journal, 2020, 152, 104267.	2.3	14

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109	Voltammetric investigation and amperometric detection of the bisphosphonate drug sodium alendronate using a copper nanoparticles-modified electrode. Journal of Solid State Electrochemistry, 2010, 14, 2275-2283.	1.2	12
110	Electrooxidation and determination of etidronate using copper nanoparticles and microparticles-modified carbon paste electrodes. Journal of the Brazilian Chemical Society, 2010, 21, 16-24.	0.6	12
111	A Nanocomposite of Nickel Hexacyanoferrate Dots-Graphene Nanosheets-Applied to the Electrocatalytic Oxidation and Determination of N-Acetyl-L-Cysteine. Sensor Letters, 2013, 11, 656-664.	0.4	10
112	Iron oxyhydroxide@cobalt hexacyanoferrate coaxial nanostructure: Synthesis, characterization and pseudocapacitive behavior. Journal of Electroanalytical Chemistry, 2014, 719, 143-149.	1.9	10
113	Electrooxidation Behavior and Amperometric Determination of Sotalol on a Graphene Oxide Nanosheets-modified Glassy Carbon Electrode. Current Pharmaceutical Analysis, 2013, 9, 291-298.	0.3	10
114	Fibroin nanofibrils as an electrode material for electrical double-layer biosupercapacitor applications. Journal of Applied Electrochemistry, 2015, 45, 577-583.	1.5	9
115	Improving Pharmaceutical Characteristics of Curcumin by Alginate/Pectin Microparticles. Pharmaceutical Chemistry Journal, 2016, 50, 131-136.	0.3	8
116	Phytosynthesis of Silver Nanoparticles Using Myrtus communis L. Leaf Extract and Investigation of Bactericidal Activity. Journal of Electronic Materials, 2017, 46, 6930-6935.	1.0	8
117	Synthesis of nickel nanowrinkles and its application for the electrocatalytic oxidation and sensitive detection of hydrochlorothiazide. Microchemical Journal, 2017, 130, 205-212.	2.3	8
118	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. Sensors and Actuators B: Chemical, 2018, 273, 234-241.	4.0	8
119	Amperometric Determination of Ascorbic Acid in Pharmaceutical Formulations by a Reduced Graphene Oxide-cobalt Hexacyanoferrate Nanocomposite. Iranian Journal of Pharmaceutical Research, 2015, 14, 453-63.	0.3	8
120	A study of double stranded DNA adsorption on aluminum surface by means of electrochemical impedance spectroscopy. Colloids and Surfaces B: Biointerfaces, 2014, 116, 526-530.	2.5	7
121	A study on the pseudocapacitive behavior of polyluminol/graphene nanocomposite. Journal of Electroanalytical Chemistry, 2015, 751, 15-22.	1.9	7
122	Electrooxidation and amperometric determination of vorinostat on hierarchical leaf-like gold nanolayers. Talanta, 2018, 178, 704-709.	2.9	7
123	A study on the supercapacitive behavior of zinc substituted manganese ferrite nanoparticles. Journal of the Iranian Chemical Society, 2019, 16, 841-849.	1.2	7
124	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. Sensor Letters, 2012, 10, 794-805.	0.4	7
125	A nanoemulsion-based delivery system for imatinib and in vitro anticancer efficacy. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	7
126	An Aptamer-based Biosensor for Troponin I Detection in Diagnosis of Myocardial Infarction. Journal of Biomedical Physics and Engineering, 2018, 8, 167-178.	0.5	7

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127	A study of the charge propagation in nanoparticles of Fe2O3 core-cobalt hexacyanoferrate shell by chronoamperometry and electrochemical impedance spectroscopy. Journal of Solid State Electrochemistry, 2012, 16, 53-64.	1.2	6
128	Electroactive Centers inEuphorbiaLatex and Lentil Seedling Amine Oxidases. Bioscience, Biotechnology and Biochemistry, 2008, 72, 29-36.	0.6	5
129	Deferiprone: structural and functional modulating agent of hemoglobin fructation. Molecular Biology Reports, 2014, 41, 1723-1729.	1.0	5
130	An anodized nanostructure of Ni/Cu alloy synthesized in ethaline for electrocatalytic oxidation and amperometric determination of l-carnitine. Journal of Electroanalytical Chemistry, 2018, 815, 134-142.	1.9	5
131	Electrochemical Genosensing of Leishmania major using Gold Hierarchical Nanoleaflets. Journal of Biology and Today's World, 2016, 5, .	0.1	4
132	Effect of Magnetic Fluid Hyperthermia on Implanted Melanoma in Mouse Models. Iranian Journal of Medical Sciences, 2016, 41, 314-21.	0.3	4
133	A novel and ultrasensitive label-free electrochemical DNA biosensor for Trichomonas vaginalis detection based on a nanostructured film of poly(ortho-aminophenol). Synthetic Metals, 2022, 287, 117082.	2.1	4
134	Synthesis, characterization, in vitro and in vivo studies of dextrin-coated zinc-iron ferrite nanoparticles (Zn0.5Fe0.5Fe2O4) as contrast agent in MRI. Applied Physics A: Materials Science and Processing, 2015, 120, 1189-1196.	1.1	3
135	Investigation of the pyridinium ion transfer across the water/nitrobenzene interface by means of cyclic voltammetry and ac-impedance techniques. Electrochimica Acta, 2002, 47, 2209-2214.	2.6	2
136	Desferal as Improving Agent for Hemoglobin Fructation: Structural and Functional Impacts. Protein Journal, 2012, 31, 651-655.	0.7	2
137	A Î²-Amyloid(1-42) Biosensor Based on Molecularly Imprinted Poly-Pyrrole for Early Diagnosis of Alzheimerâ€™s Disease. Journal of Biomedical Physics and Engineering, 2021, 11, 215-228.	0.5	2
138	Electrodeposition of Nickel Hydroxide Nanoparticles on Glassy Carbon Electrode-Applied to Electroanalysis of L-Methionine. Sensor Letters, 2016, 14, 65-71.	0.4	2
139	The Kirkendall Effect: its Efficacy in the Formation of Hollow Nanostructures. Journal of Biology and Today's World, 2016, 5, .	0.1	2
140	Copper hexacyanoferrate-graphene nanocomposite: synthesis, characterisation and application for the electrocatalytic oxidation and determination of thiosulfate. International Journal of Nanoparticles, 2015, 8, 132.	0.1	1
141	Synthesis of copper nanoshales from a Tritonâ„¢ X-100/cyclohexane/water ternary microemulsion system. Journal of the Serbian Chemical Society, 2016, 81, 395-401.	0.4	1
142	Electrochemical Studies of Vitamin K3 and Its Interaction with Human Serum Albumin Using a Carbon Nanoparticles- Modified Electrode. Journal of Nanomaterials & Molecular Nanotechnology, 2013, 02, .	0.1	1
143	Inhibitory Effects of Some Carbohydrates on Nano-Globular Aggregation of both Normal and Glycated Albumin. Avicenna Journal of Medical Biotechnology, 2016, 8, 126-32.	0.2	1
144	A nonenzymatic biosensor based on copper nanoparticles modified electrode for detection of acetylcholine. , 2008, 2008, 2314-7.		0

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145	Synthesis of copper (II) oxide nanocorals from a triton X-100-based lyotropic liquid crystalline system. Molecular Crystals and Liquid Crystals, 2019, 691, 42-49.	0.4	0
146	Nonenzymatic Electrochemical Sensing of Hydrogen Peroxide Based on Gold Nanolayers Covered with Snow-like Nanoparticles. Journal of Biology and Today's World, 2016, 5, .	0.1	0
147	Nanotechnological Approaches for Enhancing the Oral Bioavailability of Curcumin. Journal of Biology and Today's World, 2017, 6, .	0.1	0
148	A Cardiac Troponin T Biosensor Based on Aptamer Self-assembling on Gold. International Journal of Molecular and Cellular Medicine, 2019, 8, 271-283.	1.1	0
149	Synthesis of Flower-like Nickel Hydroxide Nanosheets and Application in Electrochemical Determination of Famotidine. Iranian Journal of Pharmaceutical Research, 2020, 19, 120-137.	0.3	0