

Mir F Mousavi

List of Publications by Year in descending order

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143
papers

9,845
citations

38742

50
h-index

38395

95
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146
all docs

146
docs citations

146
times ranked

10632
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-based materials for flexible supercapacitors. <i>Chemical Society Reviews</i> , 2015, 44, 3639-3665.	38.1	1,015
2	Towards establishing standard performance metrics for batteries, supercapacitors and beyond. <i>Chemical Society Reviews</i> , 2019, 48, 1272-1341.	38.1	824
3	Engineering three-dimensional hybrid supercapacitors and microsupercapacitors for high-performance integrated energy storage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4233-4238.	7.1	500
4	Fabrication of anchored copper oxide nanoparticles on graphene oxide nanosheets via an electrostatic coprecipitation and its application as supercapacitor. <i>Electrochimica Acta</i> , 2013, 88, 347-357.	5.2	355
5	Highly Ordered Mesoporous CuCo_2O_4 Nanowires, a Promising Solution for High-Performance Supercapacitors. <i>Chemistry of Materials</i> , 2015, 27, 3919-3926.	6.7	353
6	Designing 3D Highly Ordered Nanoporous CuO Electrodes for High-Performance Asymmetric Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4851-4860.	8.0	340
7	Facile synthesis of nanostructured CuCo_2O_4 as a novel electrode material for high-rate supercapacitors. <i>Chemical Communications</i> , 2014, 50, 1972.	4.1	277
8	A dual Ni/Co-MOF-reduced graphene oxide nanocomposite as a high performance supercapacitor electrode material. <i>Electrochimica Acta</i> , 2018, 275, 76-86.	5.2	264
9	High performance hybrid supercapacitor based on two nanostructured conducting polymers: Self-doped polyaniline and polypyrrole nanofibers. <i>Electrochimica Acta</i> , 2012, 78, 212-222.	5.2	169
10	Electrochemical aptamer/antibody based sandwich immunosensor for the detection of EGFR, a cancer biomarker, using gold nanoparticles as a signaling probe. <i>Biosensors and Bioelectronics</i> , 2015, 74, 491-497.	10.1	155
11	Thionine Functionalized 3D Graphene Aerogel: Combining Simplicity and Efficiency in Fabrication of a Metal-Free Redox Supercapacitor. <i>Advanced Energy Materials</i> , 2018, 8, 1802869.	19.5	153
12	A new design for dry polyaniline rechargeable batteries. <i>Journal of Power Sources</i> , 2003, 117, 255-259.	7.8	143
13	On-line preconcentration and simultaneous determination of heavy metal ions by inductively coupled plasma-atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2004, 509, 89-94.	5.4	142
14	Trilayer Metal-Organic Frameworks as Multifunctional Electrocatalysts for Energy Conversion and Storage Applications. <i>Journal of the American Chemical Society</i> , 2022, 144, 3411-3428.	13.7	142
15	Synthesis of polyaniline/graphite composite as a cathode of Zn-polyaniline rechargeable battery. <i>Journal of Power Sources</i> , 2007, 170, 513-519.	7.8	138
16	Electrochemically fabricated polypyrrole nanofiber-modified electrode as a new electrochemical DNA biosensor. <i>Biosensors and Bioelectronics</i> , 2008, 23, 1825-1831.	10.1	137
17	Size effect investigation on battery performance: Comparison between micro- and nano-particles of $\beta\text{-Ni}(\text{OH})_2$ as nickel battery cathode material. <i>Journal of Power Sources</i> , 2010, 195, 5794-5800.	7.8	129
18	Nano-structured lead dioxide as a novel stationary phase for solid-phase microextraction. <i>Journal of Chromatography A</i> , 2006, 1134, 24-31.	3.7	124

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19	Preparation of polyaniline nanofibers and their use as a cathode of aqueous rechargeable batteries. <i>Electrochimica Acta</i> , 2006, 52, 1514-1522.	5.2	105
20	The use of an electrocatalytic redox electrolyte for pushing the energy density boundary of a flexible polyaniline electrode to a new limit. <i>Nano Energy</i> , 2018, 44, 489-498.	16.0	105
21	Electrochemical study of methylene blue incorporated into mordenite type zeolite and its application for amperometric determination of ascorbic acid in real samples. <i>Analytica Chimica Acta</i> , 2003, 491, 193-201.	5.4	99
22	Electrochemical investigations of self-doped polyaniline nanofibers as a new electroactive material for high performance redox supercapacitor. <i>Synthetic Metals</i> , 2009, 159, 1717-1722.	3.9	98
23	An air-stable electrochromic conjugated microporous polymer as an emerging electrode material for hybrid energy storage systems. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16397-16405.	10.3	96
24	Lead ion-selective membrane electrode based on 1,10-dibenzyl-1,10-diaza-18-crown-6. <i>Analytica Chimica Acta</i> , 2000, 414, 189-194.	5.4	92
25	Sonochemical-assisted synthesis of nano-structured lead dioxide. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 448-455.	8.2	91
26	Differential pulse anodic stripping voltammetric determination of lead(II) with a 1,4-bis(prop-2-enoxy)-9,10-anthraquinone modified carbon paste electrode. <i>Talanta</i> , 2001, 55, 305-312.	5.5	90
27	Synergistic effect between redox additive electrolyte and PANI-rGO nanocomposite electrode for high energy and high power supercapacitor. <i>Electrochimica Acta</i> , 2017, 228, 290-298.	5.2	85
28	Effect of self-doped polyaniline on performance of secondary Zn-polyaniline battery. <i>Journal of Power Sources</i> , 2002, 110, 229-232.	7.8	82
29	An integrated electrochemical device based on earth-abundant metals for both energy storage and conversion. <i>Energy Storage Materials</i> , 2018, 11, 282-293.	18.0	82
30	Copper(II)-selective membrane electrodes based on some recently synthesized mixed aza-thioether crowns containing a 1,10-phenanthroline sub-unit. <i>Talanta</i> , 2001, 55, 1047-1054.	5.5	81
31	Flash Converted Graphene for Ultra-High Power Supercapacitors. <i>Advanced Energy Materials</i> , 2015, 5, 1500786.	19.5	80
32	Electrocatalytic oxidation of glucose at a Ni-curcumin modified glassy carbon electrode. <i>Journal of Solid State Electrochemistry</i> , 2006, 11, 273-282.	2.5	73
33	Inhibitory effect of some amino acids on corrosion of Pb-Ca-Sn alloy in sulfuric acid solution. <i>Corrosion Science</i> , 2008, 50, 1035-1045.	6.6	67
34	Nile Blue Functionalized Graphene Aerogel as a Pseudocapacitive Negative Electrode Material across the Full pH Range. <i>ACS Nano</i> , 2019, 13, 12567-12576.	14.6	66
35	Asymmetric supercapacitors: An alternative to activated carbon negative electrodes based on earth abundant elements. <i>Materials Today Energy</i> , 2019, 12, 26-36.	4.7	63
36	Aptamer-functionalized Fe ₃ O ₄ @MOF nanocarrier for targeted drug delivery and fluorescence imaging of the triple-negative MDA-MB-231 breast cancer cells. <i>Journal of Solid State Chemistry</i> , 2020, 292, 121680.	2.9	62

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37	Enhancing extraction rate in solid-phase microextraction by using nano-structured polyaniline coating. <i>Journal of Separation Science</i> , 2008, 31, 3565-3572.	2.5	60
38	High performance battery-supercapacitor hybrid energy storage system based on self-doped polyaniline nanofibers. <i>Synthetic Metals</i> , 2011, 161, 2017-2023.	3.9	60
39	Impedance studies of a nano-structured conducting polymer and its application to the design of reliable scaffolds for impedimetric biosensors. <i>Biosensors and Bioelectronics</i> , 2008, 24, 104-110.	10.1	59
40	Polymeric membrane and coated graphite samarium(III)-selective electrodes based on isopropyl 2-[(isopropoxycarbothioyl)disulfanyl]ethanethioate. <i>Analytica Chimica Acta</i> , 2003, 486, 93-99.	5.4	57
41	What is the limiting factor of the cycle-life of Zn-polyaniline rechargeable batteries?. <i>Journal of Power Sources</i> , 2004, 132, 296-301.	7.8	57
42	Electrochemical deposition of lead dioxide in the presence of polyvinylpyrrolidone. <i>Electrochimica Acta</i> , 2007, 53, 459-467.	5.2	57
43	PVC Membrane and Coated Graphite Potentiometric Sensors Based on Et ₄ ditodit for Selective Determination of Samarium(III). <i>Analytical Chemistry</i> , 2003, 75, 5680-5686.	6.5	56
44	A PVC-based capric acid membrane potentiometric sensor for lead(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2001, 73, 199-204.	7.8	54
45	Electrochemical investigation of neutral red binding to DNA at the surface. <i>Electrochemistry Communications</i> , 2004, 6, 1114-1118.	4.7	54
46	Energy storage capacity investigation of pulsed current formed nano-structured lead dioxide. <i>Electrochimica Acta</i> , 2006, 52, 1596-1602.	5.2	54
47	Electrocatalysis of O ₂ Reduction at Glassy Carbon Electrodes Modified with Adsorbed 1,4-Dihydroxy-9,10-anthraquinone Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 2121-2127.	3.2	53
48	A novel dry bipolar rechargeable battery based on polyaniline. <i>Journal of Power Sources</i> , 2003, 124, 303-308.	7.8	53
49	Recent Advances in Carbon Anodes for Sodium-Ion Batteries. <i>Chemical Record</i> , 2022, 22, .	5.8	53
50	New dry and wet Zn-polyaniline bipolar batteries and prediction of voltage and capacity by ANN. <i>Journal of Power Sources</i> , 2006, 154, 298-307.	7.8	51
51	Synthesis of NiMnO ₃ /C nano-composite electrode materials for electrochemical capacitors. <i>Nanotechnology</i> , 2016, 27, 315401.	2.6	51
52	PVC Membrane Potentiometric Sensor Based on 5-Pyridino-2,8-dithia[9](2,9)-1,10-phenanthroline- phane for Selective Determination of Neodymium(III). <i>Analytical Chemistry</i> , 2005, 77, 276-283.	6.5	50
53	A new PVC-based 1,10-dibenzyl-1,10-diaza-18-crown-6 selective electrode for detecting nickel(II)ion. <i>Sensors and Actuators B: Chemical</i> , 2000, 66, 98-100.	7.8	49
54	Morphologically controlled preparation of CuO nanostructures under ultrasound irradiation and their evaluation as pseudocapacitor materials. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 643-652.	8.2	47

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55	A PTEV-based zeolite membrane potentiometric sensor for cesium ion. <i>Sensors and Actuators B: Chemical</i> , 2003, 96, 560-564.	7.8	46
56	A novel potentiometric sensor for selective determination of theophylline: Theoretical and practical investigations. <i>Analytica Chimica Acta</i> , 2005, 548, 192-198.	5.4	46
57	Lead ²⁺ -acid bipolar battery assembled with primary chemically formed positive pasted electrode. <i>Journal of Power Sources</i> , 2007, 164, 896-904.	7.8	46
58	DNA immobilization on a polypyrrole nanofiber modified electrode and its interaction with salicylic acid/ aspirin. <i>Analytical Biochemistry</i> , 2011, 411, 176-184.	2.4	45
59	Polyaniline-Lignin Interpenetrating Network for Supercapacitive Energy Storage. <i>Nano Letters</i> , 2021, 21, 9485-9493.	9.1	45
60	A novel flow injection potentiometric graphite coated ion-selective electrode for the low level determination of uranyl ion. <i>Analytica Chimica Acta</i> , 2007, 589, 22-32.	5.4	44
61	Electrochemical DNA nano-biosensor for the study of spermidine ⁺ -DNA interaction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 587-593.	2.8	43
62	A Novel Hydrogen Peroxide Sensor Based on the Direct Electron Transfer of Catalase Immobilized on Nano ²⁺ -Sized NiO/MWCNTs Composite Film. <i>Electroanalysis</i> , 2012, 24, 357-367.	2.9	43
63	Electrochemical studies of DNA immobilization onto the azide-terminated monolayers and its interaction with taxol. <i>Analytical Biochemistry</i> , 2008, 375, 331-338.	2.4	42
64	Al(III)-Selective Electrode Based on Furl as Neutral Carrier. <i>Electroanalysis</i> , 2001, 13, 1125-1128.	2.9	41
65	A New Ion-Selective Electrode for Potentiometric Determination of Ce(III). <i>Analytical Letters</i> , 2003, 36, 1065-1078.	1.8	40
66	Synthesis and morphological investigation of pulsed current formed nano-structured lead dioxide. <i>Electrochemistry Communications</i> , 2005, 7, 1257-1264.	4.7	40
67	Cadmium nanoclusters in a protein matrix: Synthesis, characterization, and application in targeted drug delivery and cellular imaging. <i>Nano Research</i> , 2016, 9, 3229-3246.	10.4	40
68	A sensitive flow-injection method for determination of trace amounts of nitrite. <i>Talanta</i> , 1998, 45, 1247-1253.	5.5	38
69	Nano-structured Ni(II) ²⁺ -curcumin modified glassy carbon electrode for electrocatalytic oxidation of fructose. <i>Electrochimica Acta</i> , 2008, 54, 490-498.	5.2	38
70	Electrochemical properties of modified carbon paste electrodes containing some amino derivatives of 9,10-anthraquinone. <i>Journal of Solid State Electrochemistry</i> , 2001, 5, 68-73.	2.5	37
71	Dodecyl benzene sulfonate anion-selective electrode based on polyaniline-coated electrode. <i>Talanta</i> , 2004, 63, 743-749.	5.5	37
72	Prediction of selectivity coefficients of a theophylline-selective electrode using MLR and ANN. <i>Talanta</i> , 2006, 69, 736-740.	5.5	37

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73	Electrocatalytic activity of cobaloxime complexes adsorbed on glassy carbon electrodes toward the reduction of dioxygen. <i>Journal of Electroanalytical Chemistry</i> , 2001, 517, 37-44.	3.8	36
74	Design of a New Dodecyl Sulfate-Selective Electrode Based on Conductive Polyaniline. <i>Analytical Sciences</i> , 2002, 18, 137-140.	1.6	36
75	Kinetic spectrophotometric determination of trace amounts of nitrite by its reaction with molybdosilicic acid blue. <i>Microchemical Journal</i> , 2000, 65, 159-163.	4.5	34
76	A study on open circuit voltage reduction as a main drawback of Zn ²⁺ /polyaniline rechargeable batteries. <i>Synthetic Metals</i> , 2005, 155, 480-484.	3.9	34
77	Is There Any Interaction Between Telomeric DNA Structures, G-Quadruplex and I-Motif, with Saffron Active Metabolites?. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2012, 31, 801-812.	1.1	34
78	The ordered mesoporous carbon nitride-graphene aerogel nanocomposite for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2021, 494, 229741.	7.8	34
79	New Potentiometric Membrane Sensors Responsive to Pb(II) Based on Some Recently Synthesized 9, 10-Anthraquinone Derivatives. <i>Analytical Letters</i> , 2000, 33, 2611-2629.	1.8	32
80	Flow injection potentiometry by a new coated graphite ion-selective electrode for the determination of Pb ²⁺ . <i>Talanta</i> , 2003, 60, 775-786.	5.5	32
81	Mixed Aza-Thioether Crowns Containing a 1,10-Phenanthroline Sub-Unit as Neutral Ionophores for Silver Ion. <i>Electroanalysis</i> , 2002, 14, 1691-1698.	2.9	31
82	A new dodecylsulfate-selective supported liquid membrane electrode based on its N-cetylpyridinium ion-pair. <i>Microchemical Journal</i> , 2003, 74, 149-156.	4.5	30
83	Ion transport and degradation studies of a polyaniline-modified electrode using SECM. <i>Electrochimica Acta</i> , 2009, 54, 4638-4646.	5.2	30
84	Change in morphology of polyaniline/graphite composite: A fractal dimension approach. <i>Synthetic Metals</i> , 2006, 156, 911-916.	3.9	29
85	Electrodeposition of morphology- and size-tuned PbO ₂ nanostructures in the presence of PVP and their electrochemical studies. <i>Materials Chemistry and Physics</i> , 2015, 156, 121-128.	4.0	29
86	QSAR Analysis for ADA upon Interaction with a Series of Adenine Derivatives as Inhibitors. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 613-624.	1.1	28
87	Self-assembled monolayers of a hydroquinone-terminated alkanethiol onto gold surface. Interfacial electrochemistry and Michael-addition reaction with glutathione. <i>Journal of Electroanalytical Chemistry</i> , 2007, 610, 218-226.	3.8	28
88	A Prostate Specific Antigen Immunosensor Based on Biotinylated α -Antibody/Cyclodextrin Inclusion Complex: Fabrication and Electrochemical Studies. <i>Electroanalysis</i> , 2017, 29, 2818-2831.	2.9	28
89	Direct determination of triamterene by potentiometry using a coated wire selective electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 33, 975-982.	2.8	27
90	An electrochemical study of neutral red ⁺ /DNA interaction. <i>Electrochimica Acta</i> , 2005, 51, 1108-1116.	5.2	27

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91	Laser- <i>S</i> cribed Graphene- <i>P</i> olyaniline Microsupercapacitor for Internet- <i>o</i> f- <i>T</i> hings Applications. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	27
92	A Novel PVC-Membrane-Coated Graphite Sensor Based on an Anthraquinone Derivative Membrane for the Determination of Lead. <i>Electroanalysis</i> , 2003, 15, 1561-1565.	2.9	26
93	A study on the influence of anionic surfactants on electrochemical degradation of polyaniline. <i>Polymer Degradation and Stability</i> , 2006, 91, 3463-3468.	5.8	26
94	Exploration of Advanced Electrode Materials for Approaching High-Performance Nickel-Based Superbatteries. <i>Small</i> , 2020, 16, e2001340.	10.0	26
95	Study of Kinetics of Bromophenol Blue Fading in the Presence of SDS, DTAB and Triton X-100 by Classical Model. <i>Bulletin of the Korean Chemical Society</i> , 2004, 25, 726-736.	1.9	24
96	Spectrophotometric Determination of Trace Amounts of Sulfide Ion Based on Its Catalytic Reduction Reaction with Methylene Blue in the Presence of Te(IV). <i>Analytical Letters</i> , 1997, 30, 1567-1578.	1.8	22
97	Flow injection spectrophotometric determination of trace amounts of selenium. <i>Talanta</i> , 1998, 46, 1011-1017.	5.5	22
98	Kinetic spectrophotometric method for simultaneous determination of selenium and tellurium using partial least squares calibration. <i>Analytica Chimica Acta</i> , 2004, 512, 369-373.	5.4	22
99	A new DNA-nanobiosensor based on G-quadruplex immobilized on carbon nanotubes modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2012, 82, 143-151.	5.2	22
100	Flow injection potentiometry by a novel coated graphite electrode based on 5-(9-anthracenylmethyl)-5-aza-2,8-dithia[9],(2,9)-1,10-phenanthroline for the selective determination of uranyl ions. <i>Sensors and Actuators B: Chemical</i> , 2008, 130, 300-309.	7.8	21
101	Bioinspired polydopamine supported on oxygen-functionalized carbon cloth as a high-performance 1.2 V aqueous symmetric metal-free supercapacitor. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7712-7725.	10.3	20
102	New flow injection potentiometric graphite coated ion-selective electrode for the determination of VO ₂ ⁺ ions. <i>Analytica Chimica Acta</i> , 2003, 481, 213-219.	5.4	19
103	Cyclic voltammetry and scanning electrochemical microscopy studies of methylene blue immobilized on the self-assembled monolayer of n-dodecanethiol. <i>Electrochimica Acta</i> , 2010, 56, 896-904.	5.2	17
104	Preparation of a new electrochemical biosensor for single base mismatch detection in DNA. <i>Analytical Methods</i> , 2013, 5, 6531.	2.7	17
105	CESIUM-SELECTIVE POLY (VINYLCHLORIDE) MEMBRANE ELECTRODE BASED ON A NEW CALIX[4]ARENE DERIVATIVE IN THE 1,3-ALTERNATE CONFORMATION. <i>Analytical Letters</i> , 2002, 35, 767-783.	1.8	16
106	[Cu(L)](NO ₃) ₂ (L=4,7-Bis(3-aminopropyl)-1-thia-4,7-diazacyclononane) as a Suitable Ionophore for Construction of Thiocyanate-Selective Electrodes and Their Use in Determination of Urinary and Salivary Thiocyanate Concentration. <i>Electroanalysis</i> , 2004, 16, 1336-1342.	2.9	16
107	Application of some recently synthesized 9, 10-anthraquinone derivatives as new class of ionophores responsive to lead (II) ion. <i>IEEE Sensors Journal</i> , 2005, 5, 392-397.	4.7	16
108	PVC Membrane and Coated Graphite Potentiometric Sensors Based on Dibenzo- <i>21</i> -Crown- <i>7</i> for Selective Determination of Rubidium Ions. <i>Analytical Letters</i> , 2005, 38, 573-588.	1.8	16

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109	Saffron carotenoids (crocin and crocetin) binding to human serum albumin as investigated by different spectroscopic methods and molecular docking. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1681-1690.	3.5	16
110	Electron Transfer Behavior through Densely Packed Self-Assembled Monolayers of a Novel Heteroaromatic Thiol Derivative onto the Gold Surface. <i>Electroanalysis</i> , 2008, 20, 513-519.	2.9	15
111	A wide potential window aqueous supercapacitor based on LiMn ₂ O ₄ /rGO nanocomposite. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 2579-2590.	2.2	15
112	Electron transfer kinetics of cytochrome c immobilized on a phenolic terminated thiol self assembled monolayer determined by scanning electrochemical microscopy. <i>Electrochimica Acta</i> , 2011, 56, 6224-6229.	5.2	14
113	Spectrophotometric Determination of Trace Amounts of Sulfide Ion Based on Its Catalytic Reduction of Toluidine Blue. <i>Bulletin of the Chemical Society of Japan</i> , 1992, 65, 2770-2772.	3.2	13
114	On-Line Solid Phase Extraction and Simultaneous Determination of Hafnium and Zirconium by ICP-Atomic Emission Spectroscopy. <i>Mikrochimica Acta</i> , 2006, 154, 221-228.	5.0	13
115	Label-free and sensitive impedimetric nanosensor for the detection of cocaine based on a supramolecular complexation with β -cyclodextrin, immobilized on a nanostructured polymer film. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 659-669.	2.2	13
116	Preparation of a new nanobiosensor for the determination of some biogenic polyamines and investigation of their interaction with DNA. <i>Biosensors and Bioelectronics</i> , 2016, 77, 767-773.	10.1	13
117	Catalytic-spectrophotometric determination of trace amounts of molybdenum(VI) ion. <i>Microchemical Journal</i> , 2000, 64, 33-39.	4.5	12
118	A PVC-based 1,8-diaminonaphthalen electrode for selective determination of vanadyl ion. <i>Talanta</i> , 2003, 60, 853-859.	5.5	12
119	Fabrication of high power LiNi _{0.5} Mn _{1.5} O ₄ battery cathodes by nanostructuring of electrode materials. <i>RSC Advances</i> , 2015, 5, 50433-50439.	3.6	12
120	Electrochemical Study of the Micellization of Hexadecylpyridinium Bromide in the Presence of Some Crown Ethers. <i>Journal of the Chinese Chemical Society</i> , 1997, 44, 9-15.	1.4	11
121	Scanning Electrochemical Microscopy for Electrochemical Detection of Single-base Mismatches by Tagging Ferrocenecarboxylic Acid as a Redox Probe to DNA. <i>Electroanalysis</i> , 2016, 28, 823-832.	2.9	11
122	Study of Kinetics of Bromophenol Blue Fading in Alcohol-Water Binary Mixtures by SESMORTAC Model. <i>Bulletin of the Korean Chemical Society</i> , 2005, 26, 384-392.	1.9	11
123	Synthesis of micro and nanostructured MnO ₂ and their comparative study in lithium battery. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 389-395.	2.2	10
124	Enhancement of electron transfer kinetics on a polyaniline-modified electrode in the presence of anionic dopants. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 259-268.	2.5	9
125	Electrochemical behaviors of novel electroactive Au nanoparticles protected by self-assembled monolayers. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 333-338.	2.2	9
126	Evaluation of a PVC-Based Thionine-Zeolite and Zeolite Free Membranes as Sensing Elements in Ion Selective Electrode. <i>Electroanalysis</i> , 2004, 16, 1033-1037.	2.9	8

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127	Electrochemical study of the thionine dye incorporated into ZSM-5 and HZSM-5 zeolites. Russian Journal of Electrochemistry, 2007, 43, 758-763.	0.9	8
128	Interaction Between DNA and Some Salicylic Acid Derivatives and Characterization of Their DNA Targets. Electroanalysis, 2013, 25, 2547-2556.	2.9	8
129	BSA-templated Pb Nanocluster as a Biocompatible Signaling Probe for Electrochemical EGFR Immunosensing. Electroanalysis, 2017, 29, 861-872.	2.9	8
130	In Situ Synthesis of a Novel Quinone Imine Self-Assembled Monolayer and Consideration of Its Reactivity with Arginine. Electroanalysis, 2012, 24, 1362-1373.	2.9	7
131	Electrochemical Investigation of Cytochrome c Immobilized onto Self-Assembled Monolayer of Captopril. Electroanalysis, 2013, 25, 1689-1696.	2.9	7
132	Probing redox reaction of azurin protein immobilized on hydroxyl-terminated self-assembled monolayers with different lengths. Journal of Electroanalytical Chemistry, 2015, 755, 27-38.	3.8	7
133	Determination Of SE(IV) in the Presence of SE(VI) at NG ML ⁻¹ Concentration Levels by a Kinetic Spectrophotometric Method. Analytical Letters, 1999, 32, 2871-2885.	1.8	6
134	Catalytic Kinetic Determination of Trace Amounts of Palladium with Photometric Detection. Mikrochimica Acta, 2002, 140, 41-44.	5.0	5
135	Determination of Sulfide in Spring and Wastewater by a New Kinetic Spectrophotometric Method. Journal of the Chinese Chemical Society, 2004, 51, 517-521.	1.4	5
136	Rich-color visual genotyping of single-nucleotide polymorphisms based on platinum nanoparticle-induced etching of gold nanorods. Emergent Materials, 2019, 2, 351-361.	5.7	5
137	In Situ Growth of Ni-Zn-Fe Layered Double Hydroxide on Graphene Aerogel: An Advanced Two-in-One Material for Both the Anode and Cathode of Supercapacitors. Energy Technology, 2021, 9, 2100645.	3.8	5
138	A PVC-Based Vanadyl Phosphate Membrane Potentiometric Sensor for Vanadyl Ions. Analytical Letters, 2004, 37, 203-212.	1.8	4
139	A New Kinetic-Photometric Method for Determination of Carbimazole. Journal of the Chinese Chemical Society, 2004, 51, 363-366.	1.4	4
140	Application of Correlation Ranking Procedure and Artificial Neural Networks in the Modeling of Liquid Chromatographic Retention Times (tR) of Various Pesticides. Analytical Letters, 2008, 41, 3364-3385.	1.8	4
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