

Fatemeh Karimi

List of Publications by Year in descending order

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144
papers

9,536
citations

61687

45
h-index

48101

92
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146
all docs

146
docs citations

146
times ranked

6446
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in using of chitosan-based adsorbents for removal of pharmaceutical contaminants: A review. <i>Journal of Cleaner Production</i> , 2021, 291, 125880.	4.6	373
2	Guanine-Based DNA Biosensor Amplified with Pt/SWCNTs Nanocomposite as Analytical Tool for Nanomolar Determination of Daunorubicin as an Anticancer Drug: A Docking/Experimental Investigation. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 816-823.	1.8	358
3	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2021, 184, 113252.	5.3	343
4	Electrochemical Sensors, a Bright Future in the Fabrication of Portable Kits in Analytical Systems. <i>Chemical Record</i> , 2020, 20, 682-692.	2.9	340
5	Recent advances in removal techniques of Cr(VI) toxic ion from aqueous solution: A comprehensive review. <i>Journal of Molecular Liquids</i> , 2021, 329, 115062.	2.3	332
6	Tuning of metal oxides photocatalytic performance using Ag nanoparticles integration. <i>Journal of Molecular Liquids</i> , 2020, 314, 113588.	2.3	323
7	A novel detection method for organophosphorus insecticide fenamiphos: Molecularly imprinted electrochemical sensor based on core-shell Co ₃ O ₄ @MOF-74 nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2021, 592, 174-185.	5.0	307
8	Cyanazine herbicide monitoring as a hazardous substance by a DNA nanostructure biosensor. <i>Journal of Hazardous Materials</i> , 2022, 423, 127058.	6.5	294
9	Palladium-Nickel nanoparticles decorated on Functionalized-MWCNT for high precision non-enzymatic glucose sensing. <i>Materials Chemistry and Physics</i> , 2020, 250, 123042.	2.0	270
10	Simultaneous determination of 6-mercaptopruine, 6-thioguanine and dasatinib as three important anticancer drugs using nanostructure voltammetric sensor employing Pt/MWCNTs and 1-butyl-3-methylimidazolium hexafluoro phosphate. <i>Biosensors and Bioelectronics</i> , 2016, 86, 879-884.	5.3	264
11	A new nickel-based co-crystal complex electrocatalyst amplified by NiO dope Pt nanostructure hybrid; a highly sensitive approach for determination of cysteamine in the presence of serotonin. <i>Scientific Reports</i> , 2020, 10, 11699.	1.6	250
12	An amplified voltammetric sensor based on platinum nanoparticle/polyoxometalate/two-dimensional hexagonal boron nitride nanosheets composite and ionic liquid for determination of N-hydroxysuccinimide in water samples. <i>Journal of Molecular Liquids</i> , 2020, 310, 113185.	2.3	248
13	Voltammetric amplified platform based on ionic liquid/NiO nanocomposite for determination of benserazide and levodopa. <i>Journal of Molecular Liquids</i> , 2019, 278, 672-676.	2.3	237
14	Novel 1-butyl-3-methylimidazolium bromide impregnated chitosan hydrogel beads nanostructure as an efficient nanobio-adsorbent for cationic dye removal: Kinetic study. <i>Environmental Research</i> , 2021, 195, 110809.	3.7	234
15	Recent advances in carbon nanomaterials-based electrochemical sensors for food azo dyes detection. <i>Food and Chemical Toxicology</i> , 2022, 164, 112961.	1.8	231
16	Determination of D&C Red 33 and Patent Blue V Azo dyes using an impressive electrochemical sensor based on carbon paste electrode modified with ZIF-8/g-C ₃ N ₄ /Co and ionic liquid in mouthwash and toothpaste as real samples. <i>Food and Chemical Toxicology</i> , 2022, 162, 112907.	1.8	231
17	A green and sensitive guanine-based DNA biosensor for idarubicin anticancer monitoring in biological samples: A simple and fast strategy for control of health quality in chemotherapy procedure confirmed by docking investigation. <i>Chemosphere</i> , 2022, 291, 132928.	4.2	194
18	Removal of metal ions using a new magnetic chitosan nano-bio-adsorbent; A powerful approach in water treatment. <i>Environmental Research</i> , 2022, 203, 111753.	3.7	185

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19	Ring opening polymerization of α -amino acids: advances in synthesis, architecture and applications of polypeptides and their hybrids. <i>Chemical Society Reviews</i> , 2020, 49, 4737-4834.	18.7	178
20	Heterogeneous UV-Switchable Au nanoparticles decorated tungstophosphoric acid/TiO ₂ for efficient photocatalytic degradation process. <i>Chemosphere</i> , 2021, 281, 130795.	4.2	178
21	Nanochemistry approach for the fabrication of Fe and N co-decorated biomass-derived activated carbon frameworks: a promising oxygen reduction reaction electrocatalyst in neutral media. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 429-439.	5.3	171
22	Synthesis and application of FePt/CNTs nanocomposite as a sensor and novel amide ligand as a mediator for simultaneous determination of glutathione, nicotinamide adenine dinucleotide and tryptophan. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 5888.	1.3	166
23	Biodegradable polymers and their nano-composites for the removal of endocrine-disrupting chemicals (EDCs) from wastewater: A review. <i>Environmental Research</i> , 2021, 202, 111694.	3.7	152
24	MOF-Mediated Destruction of Cancer Using the Cell's Own Hydrogen Peroxide. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 33599-33608.	4.0	146
25	Ultrasound and Sonochemistry for Radical Polymerization: Sound Synthesis. <i>Chemistry - A European Journal</i> , 2019, 25, 5372-5388.	1.7	138
26	Electrochemical quantification of mancozeb through tungsten oxide/reduced graphene oxide nanocomposite: A potential method for environmental remediation. <i>Food and Chemical Toxicology</i> , 2022, 161, 112843.	1.8	124
27	Recent advances in Ponceau dyes monitoring as food colorant substances by electrochemical sensors and developed procedures for their removal from real samples. <i>Food and Chemical Toxicology</i> , 2022, 161, 112830.	1.8	117
28	Three-dimensional porous reduced graphene oxide decorated with carbon quantum dots and platinum nanoparticles for highly selective determination of azo dye compound tartrazine. <i>Food and Chemical Toxicology</i> , 2021, 158, 112698.	1.8	110
29	An electrochemical strategy for toxic ractopamine sensing in pork samples; twofold amplified nano-based structure analytical tool. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4098-4104.	1.6	101
30	High performance of screen-printed graphite electrode modified with Ni-Mo-MOF for voltammetric determination of amaranth. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4617-4622.	1.6	99
31	Nanomaterials modified electrodes for electrochemical detection of Sudan I in food. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 3837-3852.	1.6	95
32	ZnO nanoparticle-modified ionic liquid-carbon paste electrode for voltammetric determination of folic acid in food and pharmaceutical samples. <i>Ionics</i> , 2014, 20, 421-429.	1.2	94
33	Electrochemical determination of vitamin C in the presence of NADH using a CdO nanoparticle/ionic liquid modified carbon paste electrode as a sensor. <i>Journal of Molecular Liquids</i> , 2016, 213, 312-316.	2.3	83
34	ZnO/CNTs nanocomposite/ionic liquid carbon paste electrode for determination of noradrenaline in human samples. <i>Electrochimica Acta</i> , 2014, 123, 456-462.	2.6	82
35	Fast sonochemically-assisted synthesis of pure and doped zinc sulfide quantum dots and their applicability in organic dye removal from aqueous media. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 181, 98-105.	1.7	81
36	Integrin Clustering Matters: A Review of Biomaterials Functionalized with Multivalent Integrin-Binding Ligands to Improve Cell Adhesion, Migration, Differentiation, Angiogenesis, and Biomedical Device Integration. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701324.	3.9	81

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37	A novel 5-fluorouracil anticancer drug sensor based on ZnFe ₂ O ₄ magnetic nanoparticles ionic liquids carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 607-614.	4.0	77
38	Rapid sonochemical water-based synthesis of functionalized zinc sulfide quantum dots: Study of capping agent effect on photocatalytic activity. <i>Ultrasonics Sonochemistry</i> , 2019, 57, 139-146.	3.8	69
39	Metal Carbide and Oxide Supports for Iridium-Based Oxygen Evolution Reaction Electrocatalysts for Polymer-Electrolyte-Membrane Water Electrolysis. <i>Electrochimica Acta</i> , 2017, 246, 654-670.	2.6	68
40	Recent Progress in Nanomaterials Modified Electrochemical Biosensors for the Detection of MicroRNA. <i>Micromachines</i> , 2021, 12, 1409.	1.4	61
41	Square wave voltammetric determination of diclofenac in liquid phase using a novel ionic liquid multiwall carbon nanotubes paste electrode. <i>Journal of Molecular Liquids</i> , 2014, 197, 114-119.	2.3	59
42	Sensitive and Selective Electrochemical Detection of Epirubicin as Anticancer Drug Based on Nickel Ferrite Decorated with Gold Nanoparticles. <i>Micromachines</i> , 2021, 12, 1334.	1.4	53
43	Surface amplification of pencil graphite electrode using CuO nanoparticle/polypyrrole nanocomposite; a powerful electrochemical strategy for determination of tramadol. <i>Microchemical Journal</i> , 2020, 158, 105179.	2.3	52
44	Highly Living Stars via Core-First Photo-RAFT Polymerization: Exploitation for Ultra-High Molecular Weight Star Synthesis. <i>ACS Macro Letters</i> , 2019, 8, 1291-1295.	2.3	50
45	Recent advantages in electrochemical monitoring for the analysis of amaranth and carminic acid as food color. <i>Food and Chemical Toxicology</i> , 2022, 163, 112929.	1.8	50
46	Macroporous Hydrogels Composed Entirely of Synthetic Polypeptides: Biocompatible and Enzyme Biodegradable 3D Cellular Scaffolds. <i>Biomacromolecules</i> , 2016, 17, 2981-2991.	2.6	48
47	Nanomaterials: An alternative source for biodegradation of toxic dyes. <i>Food and Chemical Toxicology</i> , 2022, 164, 112996.	1.8	47
48	A novel and reusable ionically tagged nanomagnetic catalyst: Application for the preparation of 2-amino-6-(2-oxo-2H-chromen-3-yl)-4-arylnicotinonitriles via vinylogous anomeric based oxidation. <i>Molecular Catalysis</i> , 2019, 463, 20-29.	1.0	46
49	Highly active PdPt bimetallic nanoparticles synthesized by one-step bioreduction method: Characterizations, anticancer, antibacterial activities and evaluation of their catalytic effect for hydrogen generation. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 6666-6679.	3.8	44
50	A novel electrochemical sensor based on ZnO nanoparticle and ionic liquid binder for square wave voltammetric determination of drosidopa in pharmaceutical and urine samples. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 603-609.	4.0	43
51	Detection of Movement Related Cortical Potentials from EEG Using Constrained ICA for Brain-Computer Interface Applications. <i>Frontiers in Neuroscience</i> , 2017, 11, 356.	1.4	42
52	Catalytic application of sulfonic acid-functionalized titania-coated magnetic nanoparticles for the preparation of 1,8-dioxodecahydroacridines and 2,4,6-triarylpyridines via anomeric based oxidation. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4063.	1.7	42
53	Approaches towards the development of heteropolyacid-based high temperature membranes for PEM fuel cells. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 6638-6656.	3.8	42
54	The surfactant-ionic liquid bi-functionalization of chitosan beads for their adsorption performance improvement toward Tartrazine. <i>Environmental Research</i> , 2022, 204, 111961.	3.7	41

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55	CoFe ₂ O ₄ nanoparticle/ionic liquid modified carbon paste electrode as an amplified sensor for epirubicin analysis as an anticancer drug. <i>Journal of Molecular Liquids</i> , 2017, 242, 685-689.	2.3	40
56	NiO nanoparticle decorated on single-wall carbon nanotubes and 1-butyl-4-methylpyridinium tetrafluoroborate for sensitive raloxifene sensor. <i>Journal of Molecular Liquids</i> , 2018, 254, 255-259.	2.3	40
57	A voltammetric carbon paste sensor modified with NiO nanoparticle and ionic liquid for fast analysis of p-nitrophenol in water samples. <i>Journal of Molecular Liquids</i> , 2019, 285, 430-435.	2.3	40
58	Novel 8,9-dihydroxy-7-methyl-12H-benzothiazolo[2,3-b]quinazolin-12-one multiwalled carbon nanotubes paste electrode for simultaneous determination of ascorbic acid, acetaminophen and tryptophan. <i>Analytical Methods</i> , 2012, 4, 3275.	1.3	39
59	Synthesis of CdO nanoparticles using direct chemical precipitation method: Fabrication of novel voltammetric sensor for square wave voltammetry determination of chlorpromazine in pharmaceutical samples. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 347-353.	0.9	39
60	Application of CdO nanoparticle ionic liquid modified carbon paste electrode as a high sensitive biosensor for square wave voltammetric determination of NADH. <i>Materials Science and Engineering C</i> , 2014, 45, 210-215.	3.8	38
61	Carbon Paste Modified Electrode as Powerful Sensor Approach Determination of Food Contaminants, Drug Ingredients, and Environmental Pollutants: A Review. <i>Current Analytical Chemistry</i> , 2019, 15, 410-422.	0.6	37
62	Electrochemical detection of carbidopa using a ferrocene-modified carbon nanotube paste electrode. <i>Journal of the Serbian Chemical Society</i> , 2009, 74, 1443-1453.	0.4	32
63	Fish gelatin/Laponite biohybrid elastic coacervates: A complexation kinetics-structure relationship study. <i>International Journal of Biological Macromolecules</i> , 2013, 61, 102-113.	3.6	31
64	Production of bioethanol from carrot pulp in the presence of <i>Saccharomyces cerevisiae</i> and beet molasses inoculum; A biomass based investigation. <i>Chemosphere</i> , 2022, 286, 131688.	4.2	31
65	A new electrochemical method for the detection of quercetin in onion, honey and green tea using Co ₃ O ₄ modified GCE. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 3720-3730.	1.6	29
66	Polyaniline-Manganese Ferrite Supported Platinum-Ruthenium Nanohybrid Electrocatalyst: Synergizing Tailoring Toward Boosted Ethanol Oxidation Reaction. <i>Topics in Catalysis</i> , 2022, 65, 716-725.	1.3	29
67	Voltammetric determination of carbidopa in the presence of uric acid and folic acid using a modified carbon nanotube paste electrode. <i>Journal of Molecular Liquids</i> , 2012, 172, 66-70.	2.3	28
68	Fabrication of a Food Nano-Platform Sensor for Determination of Vanillin in Food Samples. <i>Sensors</i> , 2018, 18, 2817.	2.1	28
69	A convenient method for synthesis of terpyridines via a cooperative vinylogous anomeric based oxidation. <i>RSC Advances</i> , 2020, 10, 25828-25835.	1.7	28
70	Multiple Correlations Between Cord Blood Leptin Concentration and Indices of Neonatal Growth. <i>Archives of Medical Research</i> , 2010, 41, 26-32.	1.5	27
71	Square wave voltammetric determination of captopril in liquid phase using N-(4-hydroxyphenyl)-3,5-dinitrobenzamide modified ZnO/CNT carbon paste electrode as a novel electrochemical sensor. <i>Journal of Molecular Liquids</i> , 2014, 198, 193-199.	2.3	27
72	Voltammetric determination of cysteamine at multiwalled carbon nanotubes paste electrode in the presence of isoproterenol as a mediator. <i>Chinese Chemical Letters</i> , 2014, 25, 1244-1246.	4.8	27

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73	Personalized, Mechanically Strong, and Biodegradable Coronary Artery Stents via Melt Electrowriting. <i>ACS Macro Letters</i> , 2020, 9, 1732-1739.	2.3	27
74	Advancement in electrochemical strategies for quantification of Brown HT and Carmoisine (Acid Red) Tj ETQq0 0 0 rgt /Overlock 10 Tf	1.8	27
75	Nano-scale clustering of integrin-binding ligands regulates endothelial cell adhesion, migration, and endothelialization rate: novel materials for small diameter vascular graft applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5942-5953.	2.9	26
76	Hybrid response surface methodologyâ€™artificial neural network optimization of drying process of banana slices in a forced convective dryer. <i>Food Science and Technology International</i> , 2018, 24, 277-291.	1.1	26
77	An improved non-enzymatic electrochemical sensor amplified with CuO nanostructures for sensitive determination of uric acid. <i>Open Chemistry</i> , 2021, 19, 481-491.	1.0	26
78	Catalyst derived from wastes for biofuel production: a critical review and patent landscape analysis. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 3677-3701.	1.6	25
79	Enhanced methanol electrooxidation by electroactivated Pd/Ni(OH) ₂ /N-rGO catalyst. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 6680-6690.	3.8	24
80	Dynamic Covalent Hydrogels for Triggered Cell Capture and Release. <i>Bioconjugate Chemistry</i> , 2017, 28, 2235-2240.	1.8	22
81	Reduced administration frequency for the treatment of fungal keratitis: a sustained natamycin release from a micellar solution. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 407-421.	2.4	22
82	Comparison of conventional versus microwave heating for polyol synthesis of supported iridium based electrocatalyst for polymer electrolyte membrane water electrolysis. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 5083-5094.	3.8	21
83	Multiplex community detection in complex networks using an evolutionary approach. <i>Expert Systems With Applications</i> , 2020, 146, 113184.	4.4	21
84	Carbon Nanotubes for Amplification of Electrochemical Signal in Drug and Food Analysis; A Mini Review. <i>Current Biochemical Engineering</i> , 2020, 6, 114-119.	1.3	21
85	A zinc oxide nanorods/molybdenum disulfide nanosheets hybrid as a sensitive and reusable electrochemical sensor for determination of anti-retroviral agent indinavir. <i>Chemosphere</i> , 2022, 300, 134430.	4.2	21
86	Synthesis and characterization of Fe ₃ O ₄ @SiO ₂ @(CH ₂) ₃ NH(CH ₂) ₂ O ₂ P(OH) ₂ and its catalytic application in the synthesis of benzo-[h]quinoline-4-carboxylic acids via a cooperative anomeric based oxidation mechanism. <i>Molecular Catalysis</i> , 2020, 489, 110924.	1.0	20
87	Current status of electrochemical detection of sunset yellow based on bibliometrics. <i>Food and Chemical Toxicology</i> , 2022, 164, 113019.	1.8	20
88	Fe ₃ O ₄ @SiO ₂ @(CH ₂) ₃ -urea-thiourea: A novel hydrogen-bonding and reusable catalyst for the construction of bipyridine-5-carbonitriles via a cooperative vinylogous anomeric based oxidation. <i>Molecular Catalysis</i> , 2020, 497, 111201.	1.0	19
89	Effect of Calcination Temperature on the Morphological and Electrochemical Characteristics of Supported Iridium Hydroxyoxide Electrocatalysts for the PEM Electrolyzer Anode. <i>Journal of the Electrochemical Society</i> , 2017, 164, F464-F474.	1.3	18
90	Designing hybrid nanofibers based on keratin-poly (vinyl alcohol) and poly (ε-caprolactone) for application as wound dressing. <i>Journal of Industrial Textiles</i> , 2022, 51, 1729S-1949S.	1.1	18

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91	Hydrogen production and photocatalytic activities from NaBH ₄ using trimetallic biogenic PdPtCo nanoparticles: Development of machine learning model. <i>Chemical Engineering Research and Design</i> , 2022, 184, 180-190.	2.7	18
92	Synthesis, crystal structure and electrochemistry of cobalt(III) carboxamide complexes with amine and azide ancillary ligands. <i>Polyhedron</i> , 2014, 68, 60-69.	1.0	17
93	Heavy Metals Uptake of Salty Soils by Ornamental Sunflower, Using Cow Manure and Biosolids: A Case Study in Alborz city, Iran. <i>Air, Soil and Water Research</i> , 2020, 13, 117862211989846.	1.2	17
94	Relationship between graphene and pedosphere: A scientometric analysis. <i>Chemosphere</i> , 2022, 300, 134599.	4.2	17
95	Silica-coated modified magnetic nanoparticles (Fe ₃ O ₄ @SiO ₂ @(BuSO ₃ H) ₃) as an efficient adsorbent for Pd ²⁺ removal. <i>Chemosphere</i> , 2022, 307, 135622.	4.2	17
96	HSA loaded with CoFe ₂ O ₄ /MNPs as a high efficiency carrier for epirubicin anticancer drug delivery. <i>IET Nanobiotechnology</i> , 2018, 12, 336-342.	1.9	15
97	Community-guided link prediction in multiplex networks. <i>Journal of Informetrics</i> , 2021, 15, 101178.	1.4	15
98	Metal-based Nanoparticles as Conductive Mediators in Electrochemical Sensors: A Mini Review. <i>Current Analytical Chemistry</i> , 2019, 15, 136-142.	0.6	14
99	Ultrasensitive and highly selective α -turn-on fluorescent sensor for the detection and measurement of melatonin in juice samples. <i>Chemosphere</i> , 2022, 295, 133869.	4.2	14
100	Population genetics, sequence diversity and selection in the gene encoding the Plasmodium falciparum apical membrane antigen 1 in clinical isolates from the south-east of Iran. <i>Infection, Genetics and Evolution</i> , 2013, 17, 51-61.	1.0	13
101	A Voltammetric Sensor Based on NiO Nanoparticle-Modified Carbon-Paste Electrode for Determination of Cysteamine in the Presence of High Concentration of Tryptophan. <i>Journal of Chemistry</i> , 2013, 2013, 1-7.	0.9	13
102	Fe ₃ O ₄ @SiO ₂ -(CH ₂) ₃ -urea-quinoline sulfonic acid chloride: A novel catalyst for the synthesis of coumarin containing 1,4 dihydropyridines. <i>Journal of Molecular Structure</i> , 2021, 1224, 129294.	1.8	13
103	A system dynamics approach to pollution remediation and mitigation based on increasing the share of renewable resources. <i>Environmental Research</i> , 2022, 205, 112458.	3.7	13
104	An improved electrochemical sensor based on triton X-100 functionalized SnO ₂ nanoparticles for ultrasensitive determination of cadmium. <i>Chemosphere</i> , 2022, 300, 134634.	4.2	12
105	A bibliometric analysis of graphene in acetaminophen detection: Current status, development, and future directions. <i>Chemosphere</i> , 2022, 306, 135517.	4.2	12
106	Optimization of Periodic Permanent Magnet Configuration in Lorentz-Force EMATs. <i>Research in Nondestructive Evaluation</i> , 2018, 29, 95-108.	0.5	11
107	Investigation of antibacterial, antifungal, antibiofilm, antioxidant and anticancer properties of methanol extracts of <i>Salvia marashica</i> A.İ.Şim, Celep & Doğan and <i>Salvia caespitosa</i> Montbret & Aucher ex Benth plants with medicinal importance. <i>Chemosphere</i> , 2022, 288, 132602.	4.2	11
108	Properties and Recent Advantages of N,N'-dialkylimidazolium-ion Liquids Application in Electrochemistry. <i>Current Analytical Chemistry</i> , 2022, 18, 31-52.	0.6	11

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109	Liquid phase determination of isuprel in pharmaceutical and biological samples using a nanostructure modified carbon paste electrode. <i>Journal of Molecular Liquids</i> , 2015, 201, 108-112.	2.3	10
110	Management of febrile neutropenia: A description of clinical and microbiological findings by focusing on risk factors and pitfalls. <i>Journal of Research in Pharmacy Practice</i> , 2018, 7, 147.	0.2	10
111	A Facile One-Pot Synthesis of Substituted Quinolines via New Multicomponent Reaction. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 789-791.	1.4	8
112	Simultaneous analysis of phenylhydrazine, phenol, and hydroxylamine as three water pollutants using a voltammetric-amplified sensor with CoFe ₂ O ₄ nanoparticle and 1-methyl-3-butylimidazolium bromide ionic liquid. <i>Ionics</i> , 2018, 24, 1497-1503.	1.2	8
113	Genetic features of <i>Pseudomonas aeruginosa</i> isolates associated with eye infections referred to Farabi Hospital, Tehran, Iran. <i>International Ophthalmology</i> , 2019, 39, 1581-1587.	0.6	8
114	A New Nanostructure Square Wave Voltammetric Platform for Determination of Tert-butylhydroxyanisole in Food Samples. <i>Current Analytical Chemistry</i> , 2019, 15, 172-176.	0.6	8
115	Electrochemical monitoring of bisphenol-s through nanostructured tin oxide/Nafion/GCE: A solution to environmental pollution. <i>Chemosphere</i> , 2022, 303, 135170.	4.2	8
116	Facile Synthesis of NiO/ZnO nanocomposite as an effective platform for electrochemical determination of carbamazepine. <i>Chemosphere</i> , 2022, 303, 135270.	4.2	8
117	Graphdiyne applications in sensors: A bibliometric analysis and literature review. <i>Chemosphere</i> , 2022, 307, 135720.	4.2	8
118	Catalytic synthesis of coumarin-linked nicotinonitrile derivatives via a cooperative vinylogous anomeric-based oxidation. <i>Research on Chemical Intermediates</i> , 2020, 46, 5361-5376.	1.3	7
119	Solid-state fermentation as an alternative technology for cost-effective production of bioethanol as useful renewable energy: a review. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	7
120	Velocity Selective Neural Signal Recording Using a Space-Time Electrode Array. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2015, 23, 837-848.	2.7	5
121	Comparison of EEG spatial filters for movement related cortical potential detection. , 2016, 2016, 1576-1579.		5
122	Movement related EEG signatures associated with freezing of gait in Parkinson's disease: an integrative analysis. <i>Brain Communications</i> , 2021, 3, fcab277.	1.5	5
123	A novel 2-dimensional nanocomposite as a mediator for the determination of doxorubicin in biological samples. <i>Environmental Research</i> , 2022, 213, 113590.	3.7	5
124	On the square subgroups of decomposable torsion-free abelian groups of rank three. <i>Advances in Pure and Applied Mathematics</i> , 2016, 7, .	0.3	4
125	Fabrication of 3D microfluidic structure with direct selective laser baking of PDMS. <i>Rapid Prototyping Journal</i> , 2019, 25, 775-780.	1.6	4
126	Biomaterials functionalized with nanoclusters of integrin- and syndecan-binding ligands improve cell adhesion and mechanosensing under shear flow conditions. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 313-325.	2.1	4

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127	Electro-catalytic amplified sensor for determination of N-acetylcysteine in the presence of theophylline confirmed by experimental coupled theoretical investigation. <i>Scientific Reports</i> , 2021, 11, 1006.	1.6	4
128	Amphiphilic Core Cross-Linked Star Polymers for the Delivery of Hydrophilic Drugs from Hydrophobic Matrices. <i>Biomacromolecules</i> , 2021, 22, 2554-2562.	2.6	4
129	A brief review on the recent achievements in electrochemical detection of folic acid. <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 3423-3437.	1.6	3
130	Flaw characterization in ultrasonic non-destructive testing method using exponential modeling. , 2013, , .		2
131	Solving multi-objective problems using SPEA2 and Tabu search. , 2014, , .		2
132	Green synthesis of dissymmetric bisarylidene derivatives of cyclohexanone analogues under ultrasonic conditions. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 209-217.	1.2	2
133	Comparative Study of the Effect of Licorice Muco-adhesive Film on Radiotherapy Induced Oral Mucositis, A Randomized Controlled Clinical Trial.. <i>gulf journal of oncology, The</i> , 2021, 1, 42-47.	0.2	2
134	On the Reidemeister spectrum of an Abelian group. <i>Forum Mathematicum</i> , 2019, 31, 199-214.	0.3	1
135	A Reference-based Source Extraction Algorithm to Extract Movement Related Cortical Potentials for Brain-Computer Interface Applications. , 2019, , .		1
136	Movement Related Cortical Potentials in Parkinsonâ€™s Disease Patients with Freezing of Gait*. , 2020, 2020, 2857-2860.		1
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