

# Fatemeh Ghorbani-Bidkorbeh

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

963  
citations

567281

15  
h-index

552781

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous voltammetric determination of tramadol and acetaminophen using carbon nanoparticles modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2010, 55, 2752-2759.	5.2	137
2	A stability-indicating high performance liquid chromatographic (HPLC) assay for the simultaneous determination of atorvastatin and amlodipine in commercial tablets. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 846, 215-221.	2.3	127
3	Glassy carbon electrode modified with 3D graphene-carbon nanotube network for sensitive electrochemical determination of methotrexate. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 617-627.	7.8	111
4	Voltammetric studies of sumatriptan on the surface of pyrolytic graphite electrode modified with multi-walled carbon nanotubes decorated with silver nanoparticles. <i>Talanta</i> , 2009, 80, 31-38.	5.5	83
5	An investigation of affecting factors on MOF characteristics for biomedical applications: A systematic review. <i>Heliyon</i> , 2021, 7, e06914.	3.2	65
6	Green miniaturized technologies in analytical and bioanalytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116383.	11.4	51
7	Molecularly imprinted polymer-carbon paste electrode (MIP-CPE)-based sensors for the sensitive detection of organic and inorganic environmental pollutants: A review. <i>Trends in Environmental Analytical Chemistry</i> , 2021, 32, e00144.	10.3	42
8	Functionalized magnetic nanoparticles as powerful sorbents and stationary phases for the extraction and chromatographic applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116380.	11.4	36
9	Microfluidic platform for synthesis and optimization of chitosan-coated magnetic nanoparticles in cisplatin delivery. <i>Carbohydrate Polymers</i> , 2021, 265, 118027.	10.2	35
10	Electrochemical determination of naltrexone on the surface of glassy carbon electrode modified with Nafion-doped carbon nanoparticles: Application to determinations in pharmaceutical and clinical preparations. <i>Journal of Electroanalytical Chemistry</i> , 2010, 638, 212-217.	3.8	34
11	Nano-sized magnetic core-shell and bulk molecularly imprinted polymers for selective extraction of amiodarone from human plasma. <i>Analytica Chimica Acta</i> , 2022, 1198, 339548.	5.4	31
12	Are Molecularly Imprinted Polymers (MIPs) Beneficial in Detection and Determination of Mycotoxins in Cereal Samples?. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 1-18.	0.5	29
13	Electrochemical determinations of 6-mercaptopurine on the surface of a carbon nanotube-paste electrode modified with a cobalt salophen complex. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1643-1650.	2.5	27
14	Superparamagnetic graphene oxide-based dispersive-solid phase extraction for preconcentration and determination of tamsulosin hydrochloride in human plasma by high performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , 2017, 1499, 21-29.	3.7	24
15	Artificial intelligence-based microfluidic platforms for the sensitive detection of environmental pollutants: Recent advances and prospects. <i>Trends in Environmental Analytical Chemistry</i> , 2022, 34, e00160.	10.3	24
16	Effects of Sodium Alginate and Chitosan Coating Combined with Three Different Essential Oils on Microbial and Chemical Attributes of Rainbow Trout Fillets. <i>Journal of Aquatic Food Product Technology</i> , 0, , 1-11.	1.4	23
17	Development of Carbon Nanostructured Based Electrochemical Sensors for Pharmaceutical Analysis. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 658-669.	0.5	16
18	MIP-based extraction techniques for the determination of antibiotic residues in edible meat samples: Design, performance & recent developments. <i>Trends in Food Science and Technology</i> , 2022, 119, 164-178.	15.1	12

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19	Electrochemical Sensors and Biosensors Represent Very Promising Tools in Pharmaceutical Sciences. Iranian Journal of Pharmaceutical Research, 2015, 14, 663-4.	0.5	11
20	Functionalisation of carbon nanotubes by methotrexate and study of synchronous photothermal effect of carbon nanotube and anticancer drug on cancer cell death. IET Nanobiotechnology, 2019, 13, 52-57.	3.8	8
21	Voltammetric Behavior and Determination of Trace Amounts of Omeprazole Using an Edge-plane Pyrolytic Graphite Electrode. Iranian Journal of Pharmaceutical Research, 2015, 14, 465-71.	0.5	8
22	Design and Evaluation of Ocular Controlled Delivery System for Diclofenac Sodium. Iranian Journal of Pharmaceutical Research, 2015, 14, 23-31.	0.5	8
23	Demonstration of an efficient, compact and precise pumping method by centrifugal inertia for lab on disk platforms. Journal of Micromechanics and Microengineering, 2019, 29, 075001.	2.6	5
24	Formulation Optimization and Assessment of Dexamethasone Orally Disintegrating Tablets Using Box-Behnken Design. Iranian Journal of Pharmaceutical Research, 2018, 17, 1150-1163.	0.5	4
25	Chitosan based nanoformulation expressing miR-155 as a promising adjuvant to enhance Th1-biased immune responses. Life Sciences, 2022, 297, 120459.	4.3	3
26	Dendrimers formulations to enhance skin drug delivery. , 2021, , 399-416.		2
27	Study and Optimization of The Necessary Conditions for The Sensitive Determination of The Lead Ion by a Modified Carbon Paste Electrode in Environmental Water Samples. Iranian Journal of Pharmaceutical Research, 2018, 17, 44-53.	0.5	2
28	The Photothermal Effect of Targeted Methotrexate-Functionalized Multi-Walled Carbon Nanotubes on MCF7 Cells. Iranian Journal of Pharmaceutical Research, 2019, 18, 221-236.	0.5	2
29	The Effect of Geometrical and Fluid Kinematic Parameters of a Microfluidic Platform on the Droplet Generation. , 2017, , .		0
30	Dendrimers as antiinflammatory prodrugs. , 2021, , 417-434.		0
31	Controllable Synthesis of Polymeric Micelles by Microfluidic Platforms for Biomedical Applications: A Systematic Review. Iranian Journal of Pharmaceutical Research, 2021, 20, 229-240.	0.5	0