

# Zahra Karami

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,333  
citations

394421

19  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2072  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cubosomes: remarkable drug delivery potential. <i>Drug Discovery Today</i> , 2016, 21, 789-801.	6.4	248
2	Solid phase extraction of trace amounts of Ag, Cd, Cu, and Zn in environmental samples using magnetic nanoparticles coated by 3-(trimethoxysilyl)-1-propanthiol and modified with 2-amino-5-mercapto-1,3,4-thiadiazole and their determination by ICP-OES. <i>Journal of Hazardous Materials</i> , 2011, 190, 1023-1029.	12.4	176
3	Construction of CLEAs-lipase on magnetic graphene oxide nanocomposite: An efficient nanobiocatalyst for biodiesel production. <i>Bioresource Technology</i> , 2019, 278, 473-476.	9.6	74
4	Strategies for optimizing DNA hybridization on surfaces. <i>Analytical Biochemistry</i> , 2014, 444, 41-46.	2.4	73
5	Magnetic cross-linked enzyme aggregates of Km12 lipase: A stable nanobiocatalyst for biodiesel synthesis from waste cooking oil. <i>Renewable Energy</i> , 2019, 141, 874-882.	8.9	66
6	Nanoemulsions in CNS drug delivery: recent developments, impacts and challenges. <i>Drug Discovery Today</i> , 2019, 24, 1104-1115.	6.4	56
7	Characterization of a thermostable, CaCl <sub>2</sub> -activated and raw-starch hydrolyzing alpha-amylase from <i>Bacillus licheniformis</i> AT70: Production under solid state fermentation by utilizing agricultural wastes. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 132, 98-106.	1.8	55
8	Biochemical characterization of a novel cold-active, halophilic and organic solvent-tolerant lipase from <i>B. licheniformis</i> KM12 with potential application for biodiesel production. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 389-398.	7.5	54
9	Prediction of membrane protein types by means of wavelet analysis and cascaded neural networks. <i>Journal of Theoretical Biology</i> , 2008, 254, 817-820.	1.7	49
10	An innovative paradigm of methods in microRNAs detection: highlighting DNazymes, the illuminators. <i>Biosensors and Bioelectronics</i> , 2018, 107, 123-144.	10.1	47
11	Ultrasound assisted reverse micelle efficient synthesis of new Ta-MOF@ Fe <sub>3</sub> O <sub>4</sub> core/shell nanostructures as a novel candidate for lipase immobilization. <i>Materials Science and Engineering C</i> , 2018, 93, 768-775.	7.3	45
12	Neuropharmacokinetic evaluation of lactoferrin-treated indinavir-loaded nanoemulsions: remarkable brain delivery enhancement. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 736-744.	2.0	39
13	Production and characterization of an acido-thermophilic, organic solvent stable cellulase from <i>Bacillus sonorensis</i> HSC7 by conversion of lignocellulosic wastes. <i>Journal of Genetic Engineering and Biotechnology</i> , 2017, 15, 187-196.	3.3	36
14	Screening and isolation of an organic solvent tolerant-protease from <i>Bacillus</i> sp. JERO2: Activity optimization by response surface methodology. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 89, 15-23.	1.8	35
15	Magnetic brain targeting of naproxen-loaded polymeric micelles: pharmacokinetics and biodistribution study. <i>Materials Science and Engineering C</i> , 2019, 100, 771-780.	7.3	33
16	Naproxen conjugated mPEG-PCL micelles for dual triggered drug delivery. <i>Materials Science and Engineering C</i> , 2016, 61, 665-673.	7.3	32
17	Fabrication of PVA/ZnO fibrous composite polymer as a novel sorbent for arsenic removal: design and a systematic study. <i>Polymer Bulletin</i> , 2019, 76, 5661-5682.	3.3	30
18	Therapeutic Potential of DNazyme Loaded on Chitosan/Cyclodextrin Nanoparticle to Recovery of Chemosensitivity in the MCF-7 Cell Line. <i>Applied Biochemistry and Biotechnology</i> , 2019, 187, 708-723.	2.9	29

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19	Nitrile-metabolizing potential of <i>Bacillus cereus</i> strain FA12; Nitrilase production, purification, and characterization. <i>Biocatalysis and Biotransformation</i> , 2015, 33, 156-166.	2.0	21
20	Label-free colorimetric sensor for sensitive detection of choline based on DNAzyme-choline oxidase coupling. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 1241-1248.	7.5	21
21	Delivery of DNAzyme targeting c-Myc gene using $\beta$ -cyclodextrin polymer nanocarrier for therapeutic application in human breast cancer cell line. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 47, 477-484.	3.0	17
22	Improved oral bioavailability of repaglinide, a typical BCS Class II drug, with a chitosan-coated nanoemulsion. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 717-728.	3.4	16
23	Elucidating the protein cold-adaptation: Investigation of the parameters enhancing protein psychrophilicity. <i>Journal of Theoretical Biology</i> , 2008, 255, 113-118.	1.7	14
24	Purification and Characterization of a Thermo- and Organic Solvent-Tolerant Alkaline Protease from <i>Bacillus</i> sp. JER02. <i>Preparative Biochemistry and Biotechnology</i> , 2015, 45, 128-143.	1.9	14
25	Polysorbate-coated mesoporous silica nanoparticles as an efficient carrier for improved rivastigmine brain delivery. <i>Brain Research</i> , 2022, 1781, 147786.	2.2	14
26	Bench scale production of nicotinic acid using a newly isolated <i>Stenotrophomonas maltophilia</i> AC21 producing highly-inducible and versatile nitrilase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, S552-S559.	1.8	13
27	Optimization of Olive Oil-Based Nanoemulsion Preparation for Intravenous Drug Delivery. <i>Drug Research</i> , 2019, 69, 256-264.	1.7	13
28	Production and Characterization of a Nitrilase from <i>Pseudomonas aeruginosa</i> RZ44 and its Potential for Nitrile Biotransformation. <i>Iranian Journal of Biotechnology</i> , 2016, 14, 142-153.	0.3	9
29	Analysis of factors that induce cysteine bonding state. <i>Computers in Biology and Medicine</i> , 2009, 39, 332-339.	7.0	4