

# Dariush Norouzian

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,052  
citations

430874

18  
h-index

434195

31  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, expression and functional assessment of novel engineered serratiopeptidase analogs with enhanced protease activity and thermal stability. <i>World Journal of Microbiology and Biotechnology</i> , 2022, 38, 17.	3.6	5
2	Enhancing proteolytic activity of <i>Lysobacter</i> enzymogenes using cold atmospheric plasma. <i>Archives of Microbiology</i> , 2022, 204, .	2.2	3
3	Novel serratiopeptidase exhibits different affinities to the substrates and inhibitors. <i>Chemical Biology and Drug Design</i> , 2022, 100, 553-563.	3.2	2
4	Optimization, physicochemical characterization, and antimicrobial activity of a novel simvastatin nano-niosomal gel against <i>E. coli</i> and <i>S. aureus</i> . <i>Chemistry and Physics of Lipids</i> , 2021, 234, 105019.	3.2	37
5	Lipopolysaccharide removal affinity matrices based on novel cationic amphiphilic peptides. <i>Preparative Biochemistry and Biotechnology</i> , 2021, 51, 386-394.	1.9	3
6	Comparison of <i>E. coli</i> based self-inducible expression systems containing different human heat shock proteins. <i>Scientific Reports</i> , 2021, 11, 4576.	3.3	11
7	Immobilization of <i>Candida rugosa</i> lipase for resolution of racemic ibuprofen. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021, 29, 117-123.	2.0	2
8	Optimization of the Endotoxin Removal Performance of Solid-Phase Conjugated S3E3 Antimicrobial Peptide Using Response Surface Methodology. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 2029-2037.	1.9	2
9	Challenges and advancements in the pharmacokinetic enhancement of therapeutic proteins. <i>Preparative Biochemistry and Biotechnology</i> , 2021, 51, 519-529.	1.9	15
10	Immobilization of Urease onto Modified Egg Shell Membrane through Cross Linking. <i>Iranian Biomedical Journal</i> , 2021, , .	0.7	0
11	Comparison of Antimicrobial Properties and Toxicity of Natural S3 Peptide with Horseshoe Crab Amoebocyte Origin and its Mutants. <i>Majallah-i Dānishgāh-i ā€™Ulā€™m-i Pizishkā€™i Ā€™lām</i> , 2021, 29, 60-73.	0.0	0
12	Rapid screening of high expressing <i>Escherichia coli</i> colonies using a novel dicistronic-autoinducible system. <i>Microbial Cell Factories</i> , 2021, 20, 223.	4.0	2
13	Folic acid-functionalized niosomal nanoparticles for selective dual-drug delivery into breast cancer cells: An in-vitro investigation. <i>Advanced Powder Technology</i> , 2020, 31, 4064-4071.	4.1	64
14	Immobilization of recombinant lysostaphin on nanoparticle through biotinâ€“streptavidin conjugation technology as a geometrical progressed confrontation against <i>Staphylococcus aureus</i> infection. <i>Biotechnology and Applied Biochemistry</i> , 2020, 68, 1058-1066.	3.1	2
15	Enhanced antitumor activity of bovine lactoferrin through immobilization onto functionalized nano graphene oxide: an in vitro / in vivo study. <i>Drug Delivery</i> , 2020, 27, 1236-1247.	5.7	8
16	Niosomal delivery of simvastatin to MDA-MB-231 cancer cells. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1535-1549.	2.0	32
17	Effect of glutamic acid elimination/substitution on the biological activities of S3 cationic amphiphilic peptides. <i>Preparative Biochemistry and Biotechnology</i> , 2020, 50, 664-672.	1.9	6
18	Design and Physicochemical Characterization of Lysozyme Loaded Niosomal Formulations as a New Controlled Delivery System. <i>Pharmaceutical Chemistry Journal</i> , 2020, 53, 921-930.	0.8	25

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19	A comparative analysis on different enzyme immobilization nanomaterials: Progress, constraints, and recent trends. <i>Current Medicinal Chemistry</i> , 2020, 28, 3980-4003.	2.4	21
20	Affinity Based Nano-Magnetic Particles for Purification of Recombinant Proteins in Form of Inclusion Body. <i>Iranian Biomedical Journal</i> , 2020, 24, 192-200.	0.7	5
21	Recombinant Tandem Repeated Expression of S3 and S <sup>3</sup> Antimicrobial Peptides. <i>Reports of Biochemistry and Molecular Biology</i> , 2020, 9, 348-356.	1.4	5
22	Increment in protease activity of <i>Lysobacter</i> enzymogenes strain by ultra violet radiation. <i>Iranian Journal of Microbiology</i> , 2020, 12, 601-606.	0.8	2
23	Production and Expression Optimization of Heterologous Serratiopeptidase. <i>Iranian Journal of Public Health</i> , 2020, 49, 931-939.	0.5	1
24	Comparative study of $\frac{1}{4}$ $\mu$ mol stat methanol feeding control in fed-batch fermentation of <i>Pichia pastoris</i> producing HBsAg: an open-loop control versus recurrent artificial neural network-based feedback control. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 3924-3931.	3.2	11
25	Application of recurrent neural network for online prediction of cell density of recombinant <i>Pichia pastoris</i> producing HBsAg. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 352-359.	1.9	11
26	Enhancing bioactivity, physicochemical, and pharmacokinetic properties of a nano-sized, anti-VEGFR2 Adnectin, through PASylation technology. <i>Scientific Reports</i> , 2019, 9, 2978.	3.3	21
27	&lt;p&gt;Synergistic Anti-Staphylococcal Activity Of Niosomal Recombinant Lysostaphin-LL-37&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9777-9792.	6.7	39
28	Computational design, structure refinement and molecular dynamics simulation of novel engineered serratiopeptidase analogs. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 4171-4180.	3.5	4
29	Polycaprolactone/carboxymethyl chitosan nanofibrous scaffolds for bone tissue engineering application. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 243-248.	7.5	126
30	Delivery of vinblastine-containing niosomes results in potent <i>in vitro</i> / <i>in vivo</i> cytotoxicity on tumor cells. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1371-1376.	2.0	22
31	Folic acid conjugated nanoliposomes as promising carriers for targeted delivery of bleomycin. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 757-763.	2.8	34
32	Artemisinin-loaded niosome and pegylated niosome: physico-chemical characterization and effects on MCF-7 cell proliferation. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 251-256.	5.3	17
33	Development of a novel nano-sized anti-VEGFA nanobody with enhanced physicochemical and pharmacokinetic properties. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1402-1414.	2.8	20
34	Molecular dynamics simulation for rational protein engineering: Present and future prospectus. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 84, 43-53.	2.4	23
35	Molecular Design, Expression and Evaluation of PASylated Human Recombinant Erythropoietin with Enhanced Functional Properties. <i>Protein Journal</i> , 2017, 36, 36-48.	1.6	25
36	Enhanced antitumor effect of targeted nanoliposomal bleomycin. <i>Chemical Biology and Drug Design</i> , 2017, 90, 953-961.	3.2	5

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37	Extremely low frequency magnetic field enhances glucose oxidase expression in <i>Pichia pastoris</i> GS115. <i>Enzyme and Microbial Technology</i> , 2017, 98, 67-75.	3.2	13
38	Preparation, characterization, and in vitro evaluation of bleomycin-containing nanoliposomes. <i>Chemical Biology and Drug Design</i> , 2017, 89, 492-497.	3.2	9
39	Kinetics of alkaline protease production by <i>Streptomyces griseoflavus</i> PTCC1130. <i>Iranian Journal of Microbiology</i> , 2016, 8, 8-13.	0.8	4
40	Investigation of purification process stresses on erythropoietin peptide mapping profile. <i>Advanced Biomedical Research</i> , 2015, 4, 114.	0.5	3
41	Isolation, cloning, and expression of <i>E. coli</i> BirA gene for biotinylation applications. <i>Advanced Biomedical Research</i> , 2015, 4, 149.	0.5	1
42	Expression of a biotin acceptor peptide-containing protein with potential incorporation on the lentiviral envelope as a viral surface engineering platform. <i>Research in Pharmaceutical Sciences</i> , 2015, 10, 268-74.	1.8	1
43	Immunoisolated Transplantation of Purified Langerhans Islet Cells in Testis Cortex of Male Rats for Treatment of Streptozotocin Induced Diabetes Mellitus. <i>Indian Journal of Clinical Biochemistry</i> , 2014, 29, 406-417.	1.9	3
44	Antimicrobial Activity and Physical Characterization of Silver Nanoparticles Green Synthesized Using Nitrate Reductase from <i>Fusarium oxysporum</i> . <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 4084-4098.	2.9	89
45	Design, modeling, expression, and chemoselective PEGylation of a new nanosize cysteine analog of erythropoietin. <i>International Journal of Nanomedicine</i> , 2011, 6, 1217.	6.7	22
46	Magnetic Resonance Contrast Media Sensing In Vivo Molecular Imaging Agents: An Overview. <i>Current Radiopharmaceuticals</i> , 2011, 4, 31-43.	0.8	4
47	Optimization of Non-Nutritional Factors for a Cost-Effective Enhancement of Nisin Production Using Orthogonal Array Method. <i>Probiotics and Antimicrobial Proteins</i> , 2010, 2, 267-273.	3.9	7
48	Serum Bactericidal Antibody Response 1 Year after Meningococcal Polysaccharide Vaccination of Patients with Common Variable Immunodeficiency. <i>Vaccine Journal</i> , 2010, 17, 524-528.	3.1	27
49	Measurement of opsonophagocytic activity of antibodies specific to <i>Neisseria meningitidis</i> serogroup A capsular polysaccharide-serogroup B outer membrane vesicle conjugate in animal model. <i>Annals of Microbiology</i> , 2009, 59, 801-806.	2.6	4
50	Outer membrane vesicle of <i>Neisseria meningitidis</i> serogroup B as an adjuvant to induce specific antibody response against the lipopolysaccharide of <i>Brucella abortus</i> S99. <i>Annals of Microbiology</i> , 2009, 59, 145-149.	2.6	8
51	Serum Bactericidal Antibody Responses to Meningococcal Polysaccharide Vaccination as a Basis for Clinical Classification of Common Variable Immunodeficiency. <i>Vaccine Journal</i> , 2008, 15, 607-611.	3.1	38
52	Fungal glucoamylases. <i>Biotechnology Advances</i> , 2006, 24, 80-85.	11.7	159
53	Biotransformation of alcohols to aldehydes by immobilized cells of <i>Saccharomyces cerevisiae</i> PTCC5080. <i>Enzyme and Microbial Technology</i> , 2003, 33, 150-153.	3.2	15
54	Immobilization of whole cell penicillin G acylase in open pore gelatin matrix. <i>Enzyme and Microbial Technology</i> , 2002, 30, 26-29.	3.2	32

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55	Production and Expression Optimization of Heterologous Serratiapeptidase. Iranian Journal of Public Health, 0, , .	0.5	2