

Ebrahim Barzegari

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4508265/ebrahim-barzegari-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

470
citations

13
h-index

20
g-index

49
ext. papers

560
ext. citations

3.9
avg, IF

3.8
L-index

#	Paper	IF	Citations
41	The use of artificial neural networks and multiple linear regression to predict rate of medical waste generation. <i>Waste Management</i> , 2009 , 29, 2874-9	8.6	60
40	Novel two-stage hybrid neural discriminant model for predicting proteins structural classes. <i>Biophysical Chemistry</i> , 2007 , 128, 87-93	3.5	52
39	Prediction of membrane protein types by means of wavelet analysis and cascaded neural networks. <i>Journal of Theoretical Biology</i> , 2008 , 254, 817-20	2.3	44
38	Zeolite Nanoparticles Inhibit A β Fibrinogen Interaction and Formation of a Consequent Abnormal Structural Clot. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 30768-30779	9.5	38
37	Immunoinformatic design of a COVID-19 subunit vaccine using entire structural immunogenic epitopes of SARS-CoV-2. <i>Scientific Reports</i> , 2020 , 10, 20864	4.9	28
36	Sequence and structural parameters enhancing adaptation of proteins to low temperatures. <i>Journal of Theoretical Biology</i> , 2007 , 246, 159-66	2.3	23
35	Biomolecular Corona Dictates A β Fibrillation Process. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 1725-1734	5.7	20
34	Prevalent mutations of human prion protein: a molecular modeling and molecular dynamics study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2011 , 29, 379-89	3.6	20
33	Biomedical Applications of Zeolitic Nanoparticles, with an Emphasis on Medical Interventions. <i>International Journal of Nanomedicine</i> , 2020 , 15, 363-386	7.3	18
32	A combinatorial feature selection approach to describe the QSAR of dual site inhibitors of acetylcholinesterase. <i>Computers in Biology and Medicine</i> , 2009 , 39, 1089-95	7	18
31	New Biscoumarin Derivatives as Potent β Glucosidase Inhibitors: Synthesis, Biological Evaluation, Kinetic Analysis, and Docking Study. <i>Polycyclic Aromatic Compounds</i> , 2020 , 40, 915-926	1.3	16
30	Prediction of road traffic death rate using neural networks optimised by genetic algorithm. <i>International Journal of Injury Control and Safety Promotion</i> , 2015 , 22, 153-7	1.8	13
29	Structure-Based Screening to Discover New Inhibitors for Papain-like Proteinase of SARS-CoV-2: An Study. <i>Journal of Proteome Research</i> , 2021 , 20, 1015-1026	5.6	13
28	Molecular interaction of fibrinogen with zeolite nanoparticles. <i>Scientific Reports</i> , 2019 , 9, 1558	4.9	12
27	Elucidating the protein cold-adaptation: Investigation of the parameters enhancing protein psychrophilicity. <i>Journal of Theoretical Biology</i> , 2008 , 255, 113-8	2.3	12
26	Prediction of future citations of a research paper from number of its internet downloads. <i>Medical Hypotheses</i> , 2007 , 69, 458-9	3.8	10
25	Predictions of Protein-Protein Interfaces within Membrane Protein Complexes. <i>Avicenna Journal of Medical Biotechnology</i> , 2013 , 5, 148-57	1.4	10

24	Colon Cancer and Specific Ways to Deliver Drugs to the Large Intestine. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017 , 17, 1317-1327	2.2	9
23	Protein psychrophilicity: role of residual structural properties in adaptation of proteins to low temperatures. <i>Journal of Theoretical Biology</i> , 2007 , 248, 721-6	2.3	9
22	Quinazolinone-dihydropyrano[3,2-b]pyran hybrids as new α -glucosidase inhibitors: Design, synthesis, enzymatic inhibition, docking study and prediction of pharmacokinetic. <i>Bioorganic Chemistry</i> , 2021 , 109, 104703	5.1	7
21	Design of peptidomimetics for inhibition of HER2 receptor dimerization by a combination of virtual screening, MD simulations, and QSAR in silico methods. <i>Chemical Biology and Drug Design</i> , 2013 , 81, 455-62	2.9	5
20	The comparison of methods for measuring quality of hospital services by using neural networks: A case study in Iran (2012). <i>International Journal of Healthcare Management</i> , 2013 , 6, 45-50	1.4	4
19	Affinity enhancement of HER2-binding Z(HER2:342) affibody via rational design approach: a molecular dynamics study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2014 , 32, 1919-28	3.6	3
18	Analysis of factors that induce cysteine bonding state. <i>Computers in Biology and Medicine</i> , 2009 , 39, 332-9		3
17	Mutation in a valine residue induces drastic changes in 3D structure of human prion protein. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2012 , 6, 47-51	0.7	3
16	Dental services marketing: A case of dental clinics in Iran. <i>International Journal of Healthcare Management</i> , 2012 , 5, 12-18	1.4	3
15	New quinoxalin-1,3,4-oxadiazole derivatives: Synthesis, characterization, in vitro biological evaluations, and molecular modeling studies. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2000471	4.3	3
14	Dissolving microneedle-assisted long-acting Liraglutide delivery to control type 2 diabetes and obesity. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 167, 106040	5.1	2
13	The functional impact of the C/N-terminal extensions of the mouse retinal IMPDH1 isoforms: a kinetic evaluation. <i>Molecular and Cellular Biochemistry</i> , 2020 , 465, 155-164	4.2	2
12	Interactions of insulin with tragacanthic acid biopolymer: Experimental and computational study. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 321-330	7.9	2
11	The Process of Patient Engagement in Outpatient Cardiac Rehabilitation Programs. <i>Behaviour Change</i> , 2019 , 36, 233-251	1.1	2
10	Insights into resistance mechanism of hepatitis C virus nonstructural 3/4A protease mutant to boceprevir using umbrella sampling simulation study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 38, 1938-1945	3.6	2
9	Interactions of Bevacizumab with chitosan biopolymer nanoparticles: Molecular modeling and spectroscopic study. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116655	6	2
8	Individuals' Intention to Engage in Outpatient Cardiac Rehabilitation Programs: Prediction Based on an Enhanced Model. <i>Journal of Clinical Psychology in Medical Settings</i> , 2021 , 28, 798-807	2	1
7	Terminal Peptide Extensions Augment the Retinal IMPDH1 Catalytic Activity and Attenuate the ATP-induced Fibrillation Events. <i>Cell Biochemistry and Biophysics</i> , 2021 , 79, 221-229	3.2	1

6	Combinatorial in silico and in vivo evaluation of immune response elicitation by the affibody Z. <i>International Immunopharmacology</i> , 2021 , 101, 108368	5.8	○
5	Heterologous expression, purification, and refolding of SRY protein: role of L-arginine as analyzed by simulation and practical study. <i>Molecular Biology Reports</i> , 2020 , 47, 5943-5951	2.8	○
4	3D structure prediction, dynamic investigation and rational construction of an epitope-masked thermostable bovine hyaluronidase. <i>International Journal of Biological Macromolecules</i> , 2021 , 187, 544-553	7.9	○
3	Rational design of a new variant of Reteplase with optimized physicochemical profile and large-scale production in Escherichia coli.. <i>World Journal of Microbiology and Biotechnology</i> , 2022 , 38, 29	4.4	
2	The Impact of Socio-environmental Barriers on the Process of Engagement in Cardiac Rehabilitation Programs. <i>Behaviour Change</i> , 2020 , 37, 130-150	1.1	
1	Factors Associated with Thyroid Dysfunction in Hypothyroidism-Endemic Region of Ravansar, 2017-2018: A Cross-Sectional Analysis. <i>Journal of Advances in Medical and Biomedical Research</i> , 2021 , 29, 145-151	0.4	