

# Ebrahim Barzegari

## List of Publications by Year in Descending Order

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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	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> , <b>2022</b> , 38, 29	4.4	
40	Combinatorial in silico and in vivo evaluation of immune response elicitation by the affibody Z. <i>International Immunopharmacology</i> , <b>2021</b> , 101, 108368	5.8	0
39	Dissolving microneedle-assisted long-acting Liraglutide delivery to control type 2 diabetes and obesity. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 167, 106040	5.1	2
38	Individuals' Attention to Engage in Outpatient Cardiac Rehabilitation Programs: Prediction Based on an Enhanced Model. <i>Journal of Clinical Psychology in Medical Settings</i> , <b>2021</b> , 28, 798-807	2	1
37	Terminal Peptide Extensions Augment the Retinal IMPDH1 Catalytic Activity and Attenuate the ATP-induced Fibrillation Events. <i>Cell Biochemistry and Biophysics</i> , <b>2021</b> , 79, 221-229	3.2	1
36	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> , <b>2021</b> , 29, 145-151	0.4	
35	Quinazolinone-dihydropyrano[3,2-b]pyran hybrids as new $\alpha$ -glucosidase inhibitors: Design, synthesis, enzymatic inhibition, docking study and prediction of pharmacokinetic. <i>Bioorganic Chemistry</i> , <b>2021</b> , 109, 104703	5.1	7
34	New quinoxalin-1,3,4-oxadiazole derivatives: Synthesis, characterization, in vitro biological evaluations, and molecular modeling studies. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2000471	4.3	3
33	Structure-Based Screening to Discover New Inhibitors for Papain-like Proteinase of SARS-CoV-2: An Study. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 1015-1026	5.6	13
32	3D structure prediction, dynamic investigation and rational construction of an epitope-masked thermostable bovine hyaluronidase. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 187, 544-553	7.9	0
31	Interactions of Bevacizumab with chitosan biopolymer nanoparticles: Molecular modeling and spectroscopic study. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 339, 116655	6	2
30	Biomedical Applications of Zeolitic Nanoparticles, with an Emphasis on Medical Interventions. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 363-386	7.3	18
29	The functional impact of the C/N-terminal extensions of the mouse retinal IMPDH1 isoforms: a kinetic evaluation. <i>Molecular and Cellular Biochemistry</i> , <b>2020</b> , 465, 155-164	4.2	2
28	Heterologous expression, purification, and refolding of SRY protein: role of L-arginine as analyzed by simulation and practical study. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 5943-5951	2.8	0
27	Interactions of insulin with tragacanthic acid biopolymer: Experimental and computational study. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 164, 321-330	7.9	2
26	Immunoinformatic design of a COVID-19 subunit vaccine using entire structural immunogenic epitopes of SARS-CoV-2. <i>Scientific Reports</i> , <b>2020</b> , 10, 20864	4.9	28
25	The Impact of Socio-environmental Barriers on the Process of Engagement in Cardiac Rehabilitation Programs. <i>Behaviour Change</i> , <b>2020</b> , 37, 130-150	1.1	

24	New Biscoumarin Derivatives as Potent $\alpha$ -Glucosidase Inhibitors: Synthesis, Biological Evaluation, Kinetic Analysis, and Docking Study. <i>Polycyclic Aromatic Compounds</i> , <b>2020</b> , 40, 915-926	1.3	16
23	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> , <b>2020</b> , 38, 1938-1945	3.6	2
22	Molecular interaction of fibrinogen with zeolite nanoparticles. <i>Scientific Reports</i> , <b>2019</b> , 9, 1558	4.9	12
21	The Process of Patient Engagement in Outpatient Cardiac Rehabilitation Programs. <i>Behaviour Change</i> , <b>2019</b> , 36, 233-251	1.1	2
20	Biomolecular Corona Dictates $\alpha$ -Fibrillation Process. <i>ACS Chemical Neuroscience</i> , <b>2018</b> , 9, 1725-1734	5.7	20
19	Colon Cancer and Specific Ways to Deliver Drugs to the Large Intestine. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2017</b> , 17, 1317-1327	2.2	9
18	Zeolite Nanoparticles Inhibit $\alpha$ -Fibrinogen Interaction and Formation of a Consequent Abnormal Structural Clot. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 30768-30779	9.5	38
17	Prediction of road traffic death rate using neural networks optimised by genetic algorithm. <i>International Journal of Injury Control and Safety Promotion</i> , <b>2015</b> , 22, 153-7	1.8	13
16	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> , <b>2014</b> , 32, 1919-28	3.6	3
15	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> , <b>2013</b> , 81, 455-62	2.9	5
14	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> , <b>2013</b> , 6, 45-50	1.4	4
13	Predictions of Protein-Protein Interfaces within Membrane Protein Complexes. <i>Avicenna Journal of Medical Biotechnology</i> , <b>2013</b> , 5, 148-57	1.4	10
12	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> , <b>2012</b> , 6, 47-51	0.7	3
11	Dental services marketing: A case of dental clinics in Iran. <i>International Journal of Healthcare Management</i> , <b>2012</b> , 5, 12-18	1.4	3
10	Prevalent mutations of human prion protein: a molecular modeling and molecular dynamics study. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2011</b> , 29, 379-89	3.6	20
9	The use of artificial neural networks and multiple linear regression to predict rate of medical waste generation. <i>Waste Management</i> , <b>2009</b> , 29, 2874-9	8.6	60
8	Analysis of factors that induce cysteine bonding state. <i>Computers in Biology and Medicine</i> , <b>2009</b> , 39, 332-9		3
7	A combinatorial feature selection approach to describe the QSAR of dual site inhibitors of acetylcholinesterase. <i>Computers in Biology and Medicine</i> , <b>2009</b> , 39, 1089-95	7	18

6	Prediction of membrane protein types by means of wavelet analysis and cascaded neural networks. <i>Journal of Theoretical Biology</i> , <b>2008</b> , 254, 817-20	2.3	44
5	Elucidating the protein cold-adaptation: Investigation of the parameters enhancing protein psychrophilicity. <i>Journal of Theoretical Biology</i> , <b>2008</b> , 255, 113-8	2.3	12
4	Novel two-stage hybrid neural discriminant model for predicting proteins structural classes. <i>Biophysical Chemistry</i> , <b>2007</b> , 128, 87-93	3.5	52
3	Sequence and structural parameters enhancing adaptation of proteins to low temperatures. <i>Journal of Theoretical Biology</i> , <b>2007</b> , 246, 159-66	2.3	23
2	Protein psychrophilicity: role of residual structural properties in adaptation of proteins to low temperatures. <i>Journal of Theoretical Biology</i> , <b>2007</b> , 248, 721-6	2.3	9
1	Prediction of future citations of a research paper from number of its internet downloads. <i>Medical Hypotheses</i> , <b>2007</b> , 69, 458-9	3.8	10