

# Yahya Sefidbakht

## 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.

31  
papers

325  
citations

10  
h-index

17  
g-index

35  
ext. papers

435  
ext. citations

4.2  
avg, IF

3.55  
L-index

#	Paper	IF	Citations
31	Theranostic applications of stimulus-responsive systems based on carbon dots. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2021</b> , 70, 117-130	3	3
30	Structure of SARS-CoV-2 Proteins <b>2021</b> , 91-120		
29	The Main Protease of SARS COV-2 and Its Specific Inhibitors <b>2021</b> , 121-147		1
28	Tracking the pipeline: immunoinformatics and the COVID-19 vaccine design. <i>Briefings in Bioinformatics</i> , <b>2021</b> , 22,	13.4	4
27	Development and characterization of a thermostable GH11/GH10 xylan degrading chimeric enzyme. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 149, 109854	3.8	1
26	Doxorubicin-loaded, pH-sensitive Albumin Nanoparticles for Lung Cancer Cell Targeting.. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> ,	3.9	4
25	Hydroxyapatite as a biomaterial - a gift that keeps on giving. <i>Drug Development and Industrial Pharmacy</i> , <b>2020</b> , 46, 1035-1062	3.6	25
24	Colloidal graphene oxide enhances the activity of a lipase and protects it from oxidative damage: Insights from physicochemical and molecular dynamics investigations. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 567, 285-299	9.3	9
23	How is the Effect of Silver Nanoparticles and Lipase/Cellulase Enzymes on Each Other? <b>2020</b> , 44, 27-35		0
22	Graphite/gold nanoparticles electrode for direct protein attachment: characterization and gas sensing application. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 43202-43211	5.1	1
21	Enantioseparation of mandelic acid on vancomycin column: Experimental and docking study. <i>Chirality</i> , <b>2020</b> , 32, 1289-1298	2.1	5
20	Comparative molecular dynamics study of the receptor-binding domains in SARS-CoV-2 and SARS-CoV and the effects of mutations on the binding affinity. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 1-20	3.6	16
19	Hydroxyapatite for Biomedicine and Drug Delivery. <i>Advanced Structured Materials</i> , <b>2019</b> , 85-120	0.6	7
18	Design, development and evaluation of PEGylated rhGH with preserving its bioactivity at highest level after modification. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 557, 9-17	6.5	2
17	Optical sampling depth in the spatial frequency domain. <i>Journal of Biomedical Optics</i> , <b>2018</b> , 23, 1	3.5	2
16	Effect of size and chemical composition of graphene oxide nanoparticles on optical absorption cross-section. <i>Journal of Biomedical Optics</i> , <b>2018</b> , 23, 1-9	3.5	5
15	The effect of non-thermal atmospheric plasma on the production and activity of recombinant phytase enzyme. <i>Scientific Reports</i> , <b>2018</b> , 8, 16647	4.9	10

14	An isolate of Potato Virus X capsid protein from <i>N. benthamiana</i> : Insights from homology modeling and molecular dynamics simulation. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 116, 939-946	7.9	4
13	Homology modeling and molecular dynamics study on <i>Schwanniomyces occidentalis</i> alpha-amylase. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2017</b> , 35, 574-584	3.6	11
12	Continuous fast Fourier transforms cyclic voltammetry as a new approach for investigation of skim milk k-casein proteolysis, a comparative study. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 103, 972-977	7.9	2
11	Recombinant Acetylcholinesterase purification and its interaction with silver nanoparticle. <i>Protein Expression and Purification</i> , <b>2017</b> , 136, 58-65	2	6
10	Caseoperoxidase, mixed $\beta$ -casein-SDS-hemin-imidazole complex: a nano artificial enzyme. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2015</b> , 33, 2619-32	3.6	13
9	Chemical Recycling of PET Wastes with Different Catalysts. <i>International Journal of Polymer Science</i> , <b>2015</b> , 2015, 1-11	2.4	63
8	Antibacterial and molecular dynamics study of the Dolabellin B2 isolated from sea slug, <i>Peronia peronii</i> . <i>Biosciences, Biotechnology Research Asia</i> , <b>2015</b> , 12, 2023-2035	0.5	7
7	Effects of 940 MHz EMF on bioluminescence and oxidative response of stable luciferase producing HEK cells. <i>Photochemical and Photobiological Sciences</i> , <b>2014</b> , 13, 1082-92	4.2	22
6	Effects of 940 Hz EMF on luciferase solution: structure, function, and dielectric studies. <i>Bioelectromagnetics</i> , <b>2013</b> , 34, 489-98	1.6	11
5	Microperoxidase-11/NH <sub>2</sub> -FSM16 as a H <sub>2</sub> O <sub>2</sub> -resistant heterogeneous nanobiocatalyst: a suicide-inactivation study. <i>Journal of the Iranian Chemical Society</i> , <b>2012</b> , 9, 121-128	2	7
4	Structure and stability analysis of cytotoxic complex of camel $\beta$ -lactalbumin and unsaturated fatty acids produced at high temperature. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2011</b> , 28, 919-28	3.6	23
3	Cytochrome c in sodium dodecyl sulfate reverse micelle nanocage: From a classic electron carrier protein to an artificial peroxidase enzyme. <i>Biochemical Engineering Journal</i> , <b>2010</b> , 49, 89-94	4.2	24
2	Micellar histidinate hematin complex as an artificial peroxidase enzyme model: Voltammetric and spectroscopic investigations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2008</b> , 320, 213-221	5.1	31
1	Molecular dynamics and intrinsic disorder analysis of the SARS-CoV-2 Nsp1 structural changes caused by substitution and deletion mutations. <i>Molecular Simulation</i> , 1-10	2	2