

Yahya Sefidbakht

List of Publications by Citations

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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 | Chemical Recycling of PET Wastes with Different Catalysts. <i>International Journal of Polymer Science</i> , 2015 , 2015, 1-11 | 2.4 | 63 |
| 30 | Micellar histidinate hematin complex as an artificial peroxidase enzyme model: Voltammetric and spectroscopic investigations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008 , 320, 213-221 | 5.1 | 31 |
| 29 | Hydroxyapatite as a biomaterial - a gift that keeps on giving. <i>Drug Development and Industrial Pharmacy</i> , 2020 , 46, 1035-1062 | 3.6 | 25 |
| 28 | 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> , 2010 , 49, 89-94 | 4.2 | 24 |
| 27 | Structure and stability analysis of cytotoxic complex of camel β lactalbumin and unsaturated fatty acids produced at high temperature. <i>Journal of Biomolecular Structure and Dynamics</i> , 2011 , 28, 919-28 | 3.6 | 23 |
| 26 | Effects of 940 MHz EMF on bioluminescence and oxidative response of stable luciferase producing HEK cells. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 1082-92 | 4.2 | 22 |
| 25 | 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> , 2020 , 1-20 | 3.6 | 16 |
| 24 | Caseoperoxidase, mixed β casein-SDS-hemin-imidazole complex: a nano artificial enzyme. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015 , 33, 2619-32 | 3.6 | 13 |
| 23 | Homology modeling and molecular dynamics study on Schwanniomyces occidentalis alpha-amylase. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017 , 35, 574-584 | 3.6 | 11 |
| 22 | Effects of 940 Hz EMF on luciferase solution: structure, function, and dielectric studies. <i>Bioelectromagnetics</i> , 2013 , 34, 489-98 | 1.6 | 11 |
| 21 | The effect of non-thermal atmospheric plasma on the production and activity of recombinant phytase enzyme. <i>Scientific Reports</i> , 2018 , 8, 16647 | 4.9 | 10 |
| 20 | 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> , 2020 , 567, 285-299 | 9.3 | 9 |
| 19 | Hydroxyapatite for Biomedicine and Drug Delivery. <i>Advanced Structured Materials</i> , 2019 , 85-120 | 0.6 | 7 |
| 18 | Microperoxidase-11/NH ₂ -FSM16 as a H ₂ O ₂ -resistant heterogeneous nanobiocatalyst: a suicide-inactivation study. <i>Journal of the Iranian Chemical Society</i> , 2012 , 9, 121-128 | 2 | 7 |
| 17 | Antibacterial and molecular dynamics study of the Dolabellin B2 isolated from sea slug, <i>Peronia peronii</i> . <i>Biosciences, Biotechnology Research Asia</i> , 2015 , 12, 2023-2035 | 0.5 | 7 |
| 16 | Recombinant Acetylcholinesterase purification and its interaction with silver nanoparticle. <i>Protein Expression and Purification</i> , 2017 , 136, 58-65 | 2 | 6 |
| 15 | Effect of size and chemical composition of graphene oxide nanoparticles on optical absorption cross-section. <i>Journal of Biomedical Optics</i> , 2018 , 23, 1-9 | 3.5 | 5 |

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|----|--|------|---|
| 14 | Enantioseparation of mandelic acid on vancomycin column: Experimental and docking study. <i>Chirality</i> , 2020 , 32, 1289-1298 | 2.1 | 5 |
| 13 | 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> , 2018 , 116, 939-946 | 7.9 | 4 |
| 12 | Tracking the pipeline: immunoinformatics and the COVID-19 vaccine design. <i>Briefings in Bioinformatics</i> , 2021 , 22, | 13.4 | 4 |
| 11 | Doxorubicin-loaded, pH-sensitive Albumin Nanoparticles for Lung Cancer Cell Targeting.. <i>Journal of Pharmaceutical Sciences</i> , 2021 , | 3.9 | 4 |
| 10 | Theranostic applications of stimulus-responsive systems based on carbon dots. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021 , 70, 117-130 | 3 | 3 |
| 9 | 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> , 2017 , 103, 972-977 | 7.9 | 2 |
| 8 | Optical sampling depth in the spatial frequency domain. <i>Journal of Biomedical Optics</i> , 2018 , 23, 1 | 3.5 | 2 |
| 7 | Design, development and evaluation of PEGylated rhGH with preserving its bioactivity at highest level after modification. <i>International Journal of Pharmaceutics</i> , 2019 , 557, 9-17 | 6.5 | 2 |
| 6 | 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 |
| 5 | Graphite/gold nanoparticles electrode for direct protein attachment: characterization and gas sensing application. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 43202-43211 | 5.1 | 1 |
| 4 | The Main Protease of SARS COV-2 and Its Specific Inhibitors 2021 , 121-147 | | 1 |
| 3 | Development and characterization of a thermostable GH11/GH10 xylan degrading chimeric enzyme. <i>Enzyme and Microbial Technology</i> , 2021 , 149, 109854 | 3.8 | 1 |
| 2 | How is the Effect of Silver Nanoparticles and Lipase/Cellulase Enzymes on Each Other? 2020 , 44, 27-35 | | 0 |
| 1 | Structure of SARS-CoV-2 Proteins 2021 , 91-120 | | |