

# Mojtaba Mortazavi

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

327  
citations

759233

12  
h-index

888059

17  
g-index

30  
all docs

30  
docs citations

30  
times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of thermostable luciferases through arginine saturation in solvent-exposed loops. <i>Protein Engineering, Design and Selection</i> , 2011, 24, 893-903.	2.1	40
2	New Developments in <i>Pichia pastoris</i> Expression System, Review and Update. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 451-467.	1.6	35
3	Synthesis and Characterization of GO/ZIF-67 Nanocomposite: Investigation of Catalytic Activity for the Determination of Epinine in the Presence of Dobutamine. <i>Micromachines</i> , 2022, 13, 88.	2.9	27
4	Spectroscopic and functional characterization of <i>Lampyris turkestanicus</i> luciferase: a comparative study. <i>Acta Biochimica Et Biophysica Sinica</i> , 2008, 40, 365-374.	2.0	22
5	Enhancement of Thermostability of <i>Aspergillus flavus</i> Urate Oxidase by Immobilization on the Ni-Based Magnetic Metal-Organic Framework. <i>Nanomaterials</i> , 2021, 11, 1759.	4.1	22
6	cDNA Cloning, Expression and Homology Modeling of a Luciferase from the Firefly <i>Lampyroidea maculata</i> . <i>BMB Reports</i> , 2006, 39, 578-585.	2.4	18
7	Surface charge modification increases firefly luciferase rigidity without alteration in bioluminescence spectra. <i>Enzyme and Microbial Technology</i> , 2017, 96, 47-59.	3.2	16
8	Design, synthesis and biological assessment of acridine derivatives containing 1,3,4-thiadiazole moiety as novel selective acetylcholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2020, 105, 104457.	4.1	16
9	Effects of 940 MHz EMF on luciferase solution: Structure, function, and dielectric studies. <i>Bioelectromagnetics</i> , 2013, 34, 489-498.	1.6	15
10	Bifunctional role of leucine 300 of firefly luciferase in structural rigidity. <i>International Journal of Biological Macromolecules</i> , 2017, 101, 67-74.	7.5	14
11	Immobilization of <i>Lepidium draba</i> peroxidase on a novel Zn-MOF nanostructure. <i>International Journal of Biological Macromolecules</i> , 2021, 173, 366-378.	7.5	13
12	In Silico Analysis of L1/L2 Sequences of Human Papillomaviruses: Implication for Universal Vaccine Design. <i>Viral Immunology</i> , 2017, 30, 210-223.	1.3	12
13	Bioinformatic Identification of Rare Codon Clusters (RCCs) in HBV Genome and Evaluation of RCCs in Proteins Structure of Hepatitis B Virus. <i>Hepatitis Monthly</i> , 2016, 16, e39909.	0.2	12
14	Genomic and protein structure analysis of the luciferase from the Iranian bioluminescent beetle, <i>Luciola</i> sp.. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 689-698.	7.5	9
15	Impact of RGD Peptide Tethering to IL24/mda-7 (Melanoma Differentiation Associated Gene-7) on Apoptosis Induction in Hepatocellular Carcinoma Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 6073-6080.	1.2	9
16	The characteristics of rare codon clusters in the genome and proteins of hepatitis C virus; a bioinformatics look. <i>Middle East Journal of Digestive Diseases</i> , 2014, 6, 214-27.	0.4	8
17	Identification of <i>Lepidium draba</i> 1-pyrroline-5-carboxylate Synthetase (P5CS) and Assessment of its Expression Under NaCl stress: P5CS Identification in <i>L. draba</i> plant. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2021, 91, 195-203.	1.0	6
18	The Effect of RGD/NGR Peptide Modification of Melanoma Differentiation-Associated Gene-7/Interleukin-24 on Its Receptor Attachment, an In Silico Analysis. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2017, 32, 205-214.	1.0	5

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19	In silico analysis of codon usage and rare codon clusters in the halophilic bacteria L-asparaginase. <i>Biologia (Poland)</i> , 2020, 75, 151-160.	1.5	5
20	Mutational Analysis of Ocriplasmin to Reduce Proteolytic and Autolytic Activity in <i>Pichia pastoris</i> . <i>Biological Procedures Online</i> , 2020, 22, 25.	2.9	5
21	Isolation, Identification and In Silico Study of Native Cellulase Producing Bacteria. <i>Current Proteomics</i> , 2021, 18, 3-11.	0.3	4
22	Evaluation of Luciferase Thermal Stability by Arginine Saturation in the Flexible Loops. <i>Current Proteomics</i> , 2020, 17, 30-39.	0.3	3
23	Thermally stable and acidic pH tolerant mutant phytases with high catalytic efficiency from <i>Yersinia intermedia</i> for potential application in feed industries. <i>Environmental Science and Pollution Research</i> , 2022, 29, 33713-33724.	5.3	2
24	The Evaluation of tLyP-1-Bound Mda-7/IL-24 Killing Activity on a Liver Tumor Cell Line. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2020, 36, 827-836.	1.0	1
25	Assessment of <i>E. Coli</i> Expression System for Overexpression of Active Recombinant Ocriplasmin. <i>Advanced Pharmaceutical Bulletin</i> , 2021, 11, 564-569.	1.4	1
26	In Silico Analysis of Relative Rareness, Codon Usage, and Enzymesubstrate Docking of <i>Lampyroidea Maculata</i> luciferase. <i>Current Proteomics</i> , 2021, 18, 424-434.	0.3	0
27	<i>In Silico</i> Study of 1, 4 Alpha Glucan Branching Enzyme and Substrate Docking Studies. <i>Current Proteomics</i> , 2020, 17, 40-50.	0.3	0
28	<i>In silico</i> Evaluation of Substrate Binding Site and Rare Codons in the Structure of CYP152A1. <i>Current Proteomics</i> , 2020, 17, 10-22.	0.3	0
29	Engineering of Ocriplasmin Variants by Bioinformatics Methods for the Reduction of Proteolytic and Autolytic Activities. <i>Iranian Journal of Medical Sciences</i> , 2021, 46, 454-467.	0.4	0