

Roohullah Hemmati

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

741
citations

706676

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620720

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docs citations

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times ranked

986
citing authors

#	ARTICLE	IF	CITATIONS
1	A psychrophilic caseinolytic aspartic protease from the freshwater amphipod <i>Gammarus bakhteyaricus</i> for application in milk coagulation. <i>LWT - Food Science and Technology</i> , 2022, 153, 112536.	2.5	2
2	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.	2.7	2
3	Immobilization of enzymes on nanoinorganic support materials: An update. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 708-721.	3.6	101
4	Induced dysregulation of ACE2 by SARS-CoV-2 plays a key role in COVID-19 severity. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111363.	2.5	39
5	Improved thermal stability of phytase from <i>Yersinia intermedia</i> by physical adsorption immobilization on amino-multiwalled carbon nanotubes. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 2217-2228.	1.7	9
6	Identification of a novel tailor-made chitinase from white shrimp <i>Fenneropenaeus merguensis</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 203, 111747.	2.5	13
7	Nano-organic supports for enzyme immobilization: Scopes and perspectives. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 204, 111774.	2.5	125
8	Fabrication of an ultrasensitive aptasensor for precise electrochemical detection of the trace amounts of streptomycin in milk. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111964.	2.5	8
9	Extraction, purification and characterization of a thermally stable aspartic protease from freshwater shrimp <i>Gammarus</i> sp. with a high catalytic efficiency. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 38, 102224.	1.5	1
10	Combined Training Improves the Expression Profile of Inflammation-associated Antimicrobial Peptides, MicroRNAs, and TLR-4 in Patients with Multiple Sclerosis. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2021, 20, 441-452.	0.3	0
11	Xylanases from marine microorganisms: A brief overview on scope, sources, features and potential applications. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140312.	1.1	49
12	Effect of moderate and high-intensity endurance and resistance training on serum concentrations of MSTN and IGF-1 in old male Wistar rats. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2019, 38, .	0.3	4
13	A molecular investigation into the interaction of SiO ₂ nanoparticles with elastase by multispectroscopic techniques and kinetic studies. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 216-222.	3.6	6
14	The emerging use of bioluminescence in medical research. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 74-86.	2.5	29
15	Thermostable marine microbial proteases for industrial applications: scopes and risks. <i>Extremophiles</i> , 2018, 22, 335-346.	0.9	51
16	Marine chitinolytic enzymes, a biotechnological treasure hidden in the ocean?. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 9937-9948.	1.7	40
17	Mounting evidence validates Ursolic Acid directly activates SIRT1: A powerful STAC which mimic endogenous activator of SIRT1. <i>Archives of Biochemistry and Biophysics</i> , 2018, 650, 39-48.	1.4	14
18	An Overview of FGF19 and FGF21: The Therapeutic Role in the Treatment of the Metabolic Disorders and Obesity. <i>Hormone and Metabolic Research</i> , 2018, 50, 441-452.	0.7	51

#	ARTICLE	IF	CITATIONS
19	Luciferinâ€Regenerating Enzyme Crystal Structure Is Solved but its Function Is Still Unclear. <i>Photochemistry and Photobiology</i> , 2017, 93, 429-435.	1.3	7
20	Purification, catalytic, kinetic and thermodynamic characteristics of a novel ficin from <i>Ficus johannis</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 10, 360-366.	1.5	29
21	Light emission miracle in the sea and preminent applications of bioluminescence in recent new biotechnology. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 172, 115-128.	1.7	41
22	Short-term ursolic acid promotes skeletal muscle rejuvenation through enhancing of SIRT1 expression and satellite cells proliferation. <i>Biomedicine and Pharmacotherapy</i> , 2016, 78, 185-196.	2.5	26
23	Luciferinâ€Regenerating Enzyme Mediates Firefly Luciferase Activation Through Direct Effects of Dâ€Cysteine on Luciferase Structure and Activity. <i>Photochemistry and Photobiology</i> , 2015, 91, 828-836.	1.3	15
24	Oscillation of apoptosome formation through assembly of truncated Apaf-1. <i>European Journal of Pharmacology</i> , 2015, 760, 64-71.	1.7	9
25	Ursolic acid ameliorates aging-metabolic phenotype through promoting of skeletal muscle rejuvenation. <i>Medical Hypotheses</i> , 2015, 85, 1-6.	0.8	40
26	Directed Improvement of Luciferin Regenerating Enzyme Binding Properties: Implication of Some Conserved Residues in Luciferinâ€Binding Domain. <i>Photochemistry and Photobiology</i> , 2014, 90, 1293-1298.	1.3	10
27	RACE-based amplification of cDNA and expression of a luciferin-regenerating enzyme (LRE): An attempt towards persistent bioluminescent signal. <i>Enzyme and Microbial Technology</i> , 2010, 47, 159-165.	1.6	20