

Kambiz Akbari Noghabi

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,523
citations

331670

21
h-index

315739

38
g-index

49
all docs

49
docs citations

49
times ranked

2055
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological synthesis of ZnO nanoparticles using ethanolic extract of <i>Satureja sahendica</i> Bornm: its characterization and antimicrobial features. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 16037-16048.	4.6	5
2	<i>Desertifilum</i> sp. EAZ03 cell extract as a novel natural source for the biosynthesis of zinc oxide nanoparticles and antibacterial, anticancer and antibiofilm characteristics of synthesized zinc oxide nanoparticles. <i>Journal of Applied Microbiology</i> , 2022, 132, 221-236.	3.1	19
3	Comparison of Growth Performance, Pigment Synthesis, and Esterase Activity of <i>Synechococcus</i> sp. HS01 and <i>Limnothrix</i> sp. KO01 in Response to Cadmium Toxicity. <i>Current Microbiology</i> , 2022, 79, 125.	2.2	1
4	New Provisional Function of OmpA from <i>Acinetobacter</i> sp. Strain SA01 Based on Environmental Challenges. <i>MSystems</i> , 2021, 6, .	3.8	11
5	A Newly Characterized Potentially Probiotic Strain, <i>Lactobacillus brevis</i> MK05, and the Toxicity Effects of its Secretory Proteins Against MCF-7 Breast Cancer Cells. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 982-992.	3.9	17
6	Screening of anti- <i>Acinetobacter baumannii</i> phytochemicals, based on the potential inhibitory effect on OmpA and OmpW functions. <i>Royal Society Open Science</i> , 2021, 8, 201652.	2.4	12
7	Growth Optimization of for Production of Antimicrobial Peptide Acidocin 4356: Scale up from Flask to Lab-Scale Fermenter. <i>Iranian Journal of Biotechnology</i> , 2021, 19, e2686.	0.3	3
8	Homology Modeling and Molecular Docking Studies of Glutamate Dehydrogenase (GDH) from <i>Cyanobacterium Synechocystis</i> sp. PCC 6803. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 783-793.	1.9	13
9	Multifunctional Acidocin 4356 Combats <i>Pseudomonas aeruginosa</i> through Membrane Perturbation and Virulence Attenuation: Experimental Results Confirm Molecular Dynamics Simulation. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	5
10	A bio-inspired strategy for the synthesis of zinc oxide nanoparticles (ZnO NPs) using the cell extract of cyanobacterium <i>Nostoc</i> sp. EA03: from biological function to toxicity evaluation. <i>RSC Advances</i> , 2019, 9, 23508-23525.	3.6	81
11	Development of a novel method for the purification of C-phycoerythrin pigment from a local cyanobacterial strain <i>Limnothrix</i> sp. NS01 and evaluation of its anticancer properties. <i>Scientific Reports</i> , 2019, 9, 9474.	3.3	54
12	Evaluation of Bacterial Lipid Production: Quantitative and Qualitative Measurements: Tips and Guidelines. <i>Methods in Molecular Biology</i> , 2019, 1995, 395-403.	0.9	0
13	Physicochemical characterization and optimization of glycolipid biosurfactant production by a native strain of <i>Pseudomonas aeruginosa</i> HAK01 and its performance evaluation for the MEOR process. <i>RSC Advances</i> , 2019, 9, 7932-7947.	3.6	76
14	Overproduction of lipopeptide biosurfactant by <i>Aneurinibacillus thermoaerophilus</i> HAK01 in various fed-batch modes under thermophilic conditions. <i>RSC Advances</i> , 2019, 9, 30419-30427.	3.6	8
15	<i>Nostoc entophytum</i> cell response to cadmium exposure: A possible role of chaperon proteins GroEl and HtpG in cadmium-induced stress. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 40-49.	6.0	15
16	Synthesizing, characterizing, and toxicity evaluating of Phycocyanin-ZnO nanorod composites: A back to nature approaches. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 221-230.	5.0	23
17	<i>Lactobacillus salivarius</i> NK02: a Potent Probiotic for Clinical Application in Mouthwash. <i>Probiotics and Antimicrobial Proteins</i> , 2018, 10, 485-495.	3.9	38
18	Biosurfactants from probiotic bacteria: A review. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 768-783.	3.1	45

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19	High phenol degradation capacity of a newly characterized <i>Acinetobacter</i> sp. SA01: Bacterial cell viability and membrane impairment in respect to the phenol toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 455-466.	6.0	45
20	Evaluation of transcription profile of acetyl-CoA carboxylase (ACCase) and acyl-ACP synthetase (AAS) to reveal their roles in induced lipid accumulation of <i>Synechococcus</i> sp. HS01. <i>Renewable Energy</i> , 2018, 129, 347-356.	8.9	8
21	Analysis of <i>Pseudomonas aeruginosa</i> PAO1 Biofilm Protein Profile After Exposure to n-Butanolic Cyclamen coum Extract Alone and in Combination with Ciprofloxacin. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 1444-1457.	2.9	1
22	<i>Limnothrix</i> sp. KO05: A newly characterized cyanobacterial biosorbent for cadmium removal: the enzymatic and non-enzymatic antioxidant reactions to cadmium toxicity. <i>Environmental Toxicology and Pharmacology</i> , 2017, 51, 142-155.	4.0	12
23	Cadmium uptake capacity of an indigenous cyanobacterial strain, <i>Nostoc entophyllum</i> ISC32: new insight into metal uptake in microgravity-simulating conditions. <i>Microbiology (United Kingdom)</i> , 2016, 162, 246-255.	1.8	8
24	The Study of Fibroblast Cell Growth on the Porous Scaffold of Gelatin–Starch Blend Using the Salt-Leaching and Lyophilization Method. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015, 64, 653-659.	3.4	22
25	Rhamnolipid biosurfactant adsorption on a plasma-treated polypropylene surface to induce antimicrobial and antiadhesive properties. <i>RSC Advances</i> , 2015, 5, 33089-33097.	3.6	39
26	Lipid production and mixotrophic growth features of cyanobacterial strains isolated from various aquatic sites. <i>Microbiology (United Kingdom)</i> , 2015, 161, 662-673.	1.8	35
27	A preliminary insight into the revolutionary new line in improving concrete properties using an indigenous bacterial strain <i>Bacillus licheniformis</i> AK01, as a healing agent. <i>European Journal of Environmental and Civil Engineering</i> , 2015, 19, 614-627.	2.1	19
28	Physicochemical and thermodynamic characterization of lipopeptide biosurfactant secreted by <i>Bacillus tequilensis</i> HK01. <i>RSC Advances</i> , 2015, 5, 91836-91845.	3.6	14
29	<i>Lactobacillus crustorum</i> KH: Novel Prospective Probiotic Strain Isolated from Iranian Traditional Dairy Products. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 2178-2194.	2.9	12
30	Calcium carbonate precipitation by strain <i>Bacillus licheniformis</i> AK01, newly isolated from loamy soil: a promising alternative for sealing cement-based materials. <i>Journal of Basic Microbiology</i> , 2015, 55, 105-111.	3.3	41
31	Eradication of <i>Pseudomonas aeruginosa</i> Biofilms Using the Combination of n-butanolic Cyclamen coum Extract and Ciprofloxacin. <i>Jundishapur Journal of Microbiology</i> , 2014, 7, e14358.	0.5	18
32	Optimization of extracellular truncated staphylococcal protein A expression in <i>Escherichia coli</i> BL21 (DE3). <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 217-225.	3.1	18
33	Newly Antibacterial and Antiadhesive Lipopeptide Biosurfactant Secreted by a Probiotic Strain, <i>Propionibacterium Freudenreichii</i> . <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 2725-2740.	2.9	37
34	Distinctive protein expression patterns of the strain <i>Brevundimonas</i> sp. ZF12 isolated from the aqueous zone containing high levels of radiation to cadmium-induced stress. <i>Journal of Biotechnology</i> , 2014, 186, 49-57.	3.8	5
35	New insights into the effectiveness of alpha-amylase enzyme presentation on the <i>Bacillus subtilis</i> spore surface by adsorption and covalent immobilization. <i>Enzyme and Microbial Technology</i> , 2014, 64-65, 17-23.	3.2	52
36	First Report of a Lipopeptide Biosurfactant from Thermophilic Bacterium <i>Aneurinibacillus thermoaerophilus</i> MK01 Newly Isolated from Municipal Landfill Site. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 1236-1249.	2.9	29

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37	Antibacterial Activity of Probiotic <i>Lactobacillus plantarum</i> HK01: Effect of Divalent Metal Cations and Food Additives on Production Efficiency of Antibacterial Compounds. <i>Probiotics and Antimicrobial Proteins</i> , 2013, 5, 121-130.	3.9	7
38	RESPONSE SURFACE OPTIMIZATION OF BIOSURFACTANT PRODUCED BY <i>Pseudomonas aeruginosa</i> MA01 ISOLATED FROM SPOILED APPLES. <i>Preparative Biochemistry and Biotechnology</i> , 2013, 43, 398-414.	1.9	32
39	Antibacterial Activity and Probiotic Potential of <i>Lactobacillus plantarum</i> HKN01: A New Insight into the Morphological Changes of Antibacterial Compound-Treated <i>Escherichia coli</i> by Electron Microscopy. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 225-236.	2.1	13
40	Differential proteome analysis of a selected bacterial strain isolated from a high background radiation area in response to radium stress. <i>Journal of Proteomics</i> , 2012, 75, 4820-4832.	2.4	15
41	Interaction of <i>Lactobacillus plantarum</i> MON03 with Tunisian Montmorillonite clay and ability of the composite to immobilize Zearalenone <i>in vitro</i> and counteract immunotoxicity <i>in vivo</i> . <i>Immunopharmacology and Immunotoxicology</i> , 2012, 34, 944-950.	2.4	28
42	Biosurfactant-producing bacterium, <i>Pseudomonas aeruginosa</i> MA01 isolated from spoiled apples: Physicochemical and structural characteristics of isolated biosurfactant. <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 211-219.	2.2	151
43	Biosorption of cadmium by <i>Brevundimonas</i> sp. ZF12 strain, a novel biosorbent isolated from hot-spring waters in high background radiation areas. <i>Journal of Hazardous Materials</i> , 2011, 197, 190-198.	12.4	73
44	Enhanced phenol degradation by <i>Pseudomonas</i> sp. SA01: Gaining insight into the novel single and hybrid immobilizations. <i>Journal of Hazardous Materials</i> , 2010, 175, 284-292.	12.4	81
45	<i>Serratia</i> sp. ZF03: An efficient radium biosorbent isolated from hot-spring waters in high background radiation areas. <i>Bioresource Technology</i> , 2010, 101, 9163-9170.	9.6	22
46	Efficient binding of nickel ions to recombinant <i>Bacillus subtilis</i> spores. <i>Research in Microbiology</i> , 2010, 161, 757-764.	2.1	32
47	An efficient biosurfactant-producing bacterium <i>Pseudomonas aeruginosa</i> MR01, isolated from oil excavation areas in south of Iran. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 69, 183-193.	5.0	147
48	Efficient phenol degradation by a newly characterized <i>Pseudomonas</i> sp. SA01 isolated from pharmaceutical wastewaters. <i>Desalination</i> , 2009, 246, 577-594.	8.2	80