

Zahra Etemadifar

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

551
citations

686830

13
h-index

676716

22
g-index

40
all docs

40
docs citations

40
times ranked

734
citing authors

#	ARTICLE	IF	CITATIONS
1	An ancient plant for the synthesis of a novel carbon dot and its applications as an antibacterial agent and probe for sensing of an anti-cancer drug. <i>Materials Science and Engineering C</i> , 2019, 98, 826-833.	3.8	122
2	Microbial diversity in the hypersaline Lake Meyghan, Iran. <i>Scientific Reports</i> , 2017, 7, 11522.	1.6	76
3	Taguchi optimization of dibenzothiophene biodesulfurization by <i>Rhodococcus erythropolis</i> R1 immobilized cells in a biphasic system. <i>International Biodeterioration and Biodegradation</i> , 2014, 86, 343-348.	1.9	34
4	Isolation a new strain of <i>Kocuria rosea</i> capable of tolerating extreme conditions. <i>Journal of Environmental Radioactivity</i> , 2015, 144, 113-119.	0.9	31
5	Isolation of <i>Dickeya dadantii</i> strains from potato disease and biocontrol by their bacteriophages. <i>Brazilian Journal of Microbiology</i> , 2015, 46, 791-797.	0.8	23
6	Isolation and characterization of novel thermophilic lipase-secreting bacteria. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 1113-1119.	0.8	20
7	A novel metabolite (1,3-benzenediol, 5-hexyl) production by <i>Exophiala spinifera</i> strain FM through dibenzothiophene desulfurization. <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 813-821.	1.7	19
8	Heterotrophic Bioleaching of Sulfur, Iron, and Silicon Impurities from Coal by <i>Fusarium oxysporum</i> FE and <i>Exophiala spinifera</i> FM with Growing and Resting Cells. <i>Current Microbiology</i> , 2016, 72, 707-715.	1.0	17
9	Biocompatibility and radioprotection by newly characterized melanin pigment and its production from <i>Dietzia schimae</i> NM3 in optimized whey medium by response surface methodology. <i>Annals of Microbiology</i> , 2021, 71, .	1.1	17
10	Improvement of Biodesulfurization Rate of Alginate Immobilized <i>Rhodococcus erythropolis</i> R1. <i>Jundishapur Journal of Microbiology</i> , 2014, 7, e9123.	0.2	15
11	UV-Resistant Bacteria with Multiple-Stress Tolerance Isolated from Desert Areas in Iran. <i>Geomicrobiology Journal</i> , 2016, 33, 1-7.	1.0	15
12	A novel nitrogen-fixing cellulytic bacterium associated with root of corn is a candidate for production of single cell protein. <i>Biomass and Bioenergy</i> , 2003, 25, 423-426.	2.9	13
13	RSM optimization of dibenzothiophene biodesulfurization by newly isolated strain of <i>Rhodococcus erythropolis</i> PD1 in aqueous and biphasic systems. <i>Microbiology</i> , 2015, 84, 65-72.	0.5	13
14	Comparative modeling of DszC, an enzyme in biodesulfurization, and performing in silico point mutation for increasing tendency to oil. <i>Bioinformation</i> , 2012, 8, 246-250.	0.2	12
15	Assessment of the antimicrobial activity of <i>Melissa officinalis</i> and <i>Lawsonia inermis</i> extracts against some bacterial pathogens. <i>Comparative Clinical Pathology</i> , 2016, 25, 59-65.	0.3	11
16	Screening of Novel Bacteriophage Infection in <i>Pseudomonas putida</i> Isolated From Potato Disease. <i>Jundishapur Journal of Microbiology</i> , 2012, 5, 550-554.	0.2	9
17	Immobilization of <i>Pseudomonas putida</i> PT in resistant matrices to environmental stresses: a strategy for continuous removal of heavy metals under extreme conditions. <i>Annals of Microbiology</i> , 2018, 68, 931-942.	1.1	9
18	Efficacy of polyextremophilic <i>Aeribacillus pallidus</i> on bioprocessing of beet vinasse derived from ethanol industries. <i>Bioresource Technology</i> , 2020, 313, 123662.	4.8	9

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19	Melanin biopolymers from newly isolated <i>Pseudomonas koreensis</i> strain UIS 19 with potential for cosmetics application, and optimization on molasses waste medium. <i>Journal of Applied Microbiology</i> , 2021, 131, 1331-1343.	1.4	9
20	Effects of Spray-Drying, Freeze-Drying and Pasteurization on Microbiological Quality and IgG Level of Bovine Colostrum. <i>Journal of Food Quality and Hazards Control</i> , 2018, 5, 54-60.	0.1	9
21	Efficient Media for High Lipase Production: One Variable at a Time Approach. <i>Avicenna Journal of Medical Biotechnology</i> , 2017, 9, 82-86.	0.2	9
22	The Effect of Calcium/Magnesium Ratio on the Biomass Production of a Novel Thermoalkaliphilic <i>Aeribacillus pallidus</i> Strain with Highly Heat-Resistant Spores. <i>Current Microbiology</i> , 2020, 77, 2565-2574.	1.0	8
23	<i>Natronoarchaeum persicum</i> sp. nov., a haloarchaeon isolated from a hypersaline lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3339-3344.	0.8	8
24	A Novel Approach for Bioleaching of Sulfur, Iron, and Silica Impurities from Coal by Growing and Resting Cells of <i>Rhodococcus</i> spp. <i>Geomicrobiology Journal</i> , 2019, 36, 123-129.	1.0	7
25	Mussel inspired bacterial denitrification of water using fractal patterns of polydopamine. <i>Journal of Water Process Engineering</i> , 2020, 33, 101105.	2.6	6
26	Microtitre Plate Assay for Biofilm Formation, Production and Utilization of Hydroxybiphenyl by <i>Rhodococcus</i> sp. Isolated from Gasoline-Contaminated Soil. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008, 63, 599-604.	0.6	5
27	Isolation and characterization of a novel strain of genus <i>Dietzia</i> capable of multiple-extreme resistance. <i>Microbiology</i> , 2015, 84, 389-397.	0.5	5
28	Use of response surface methodology to enhance carotenoid pigment production from <i>Cellulosimicrobium</i> strain AZ. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	5
29	Isolation and Characterization of a New Thermoalkalophilic Lipase from Soil Bacteria. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 901-6.	0.3	5
30	Biosynthesis of Calcite Nanocrystal by a Novel Polyextremophile <i>Bhargavaea cecembensis</i> -Related Strain Isolated from Sandy Soil. <i>Microbial Ecology</i> , 2023, 85, 698-707.	1.4	3
31	Enhancement of production and activity of alkaline zinc metalloprotease from <i>Salinivibrio proteolyticus</i> using low intensity direct electric current and zinc nanoparticles. <i>Biotechnology Letters</i> , 2016, 38, 1565-1570.	1.1	2
32	Functional expression of an alkaline lipase in <i>Escherichia coli</i> . <i>Annals of Microbiology</i> , 2009, 59, 763-769.	1.1	1
33	A Statistical Approach for Production Improvement of a Neutral Protease From a Newly Isolated Strain of <i>Aeromonas Hydrophila</i> . <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 1771-1778.	0.7	1
34	Studies on the Kinetics of Antibacterial Agent Production in Two Actinomycete Strains, F9 and Is5, Isolated from Soil Samples, Iran. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 1139-1147.	0.7	1
35	Heavy Metal Removal by Phosphate Solubilizing <i>Acinetobacter calcoaceticus</i> Isolated from Rhizosphere. <i>Journal of Biology and Today's World</i> , 2017, 06, .	0.1	1
36	Response to Letter to the Editor from SMJ Mortazavi. <i>Journal of Environmental Radioactivity</i> , 2015, 147, 155-156.	0.9	0

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37	Study the effect of environmental factors and different carbon sources on dibenzothiophene desulfurization by <i>Exophiala spinifera</i> . <i>Yaftah</i> , 2019, 6, 79-87.	0.1	0
38	Isolation and Characterization of Melanin Producing <i>Pseudomonas stutzeri</i> Strain UIS2 in the Presence of L-tyrosine and Survey of Biological Properties of Its Melanin. <i>Iranian Journal of Medical Microbiology</i> , 2020, 14, 70-83.	0.1	0