

Mohammed Nabih Baeshen

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,185
citations

567281

15
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1866
citing authors

#	ARTICLE	IF	CITATIONS
1	Microalgal lipids biochemistry and biotechnological perspectives. <i>Biotechnology Advances</i> , 2014, 32, 1476-1493.	11.7	317
2	Microbial oils as food additives: recent approaches for improving microbial oil production and its polyunsaturated fatty acid content. <i>Current Opinion in Biotechnology</i> , 2016, 37, 24-35.	6.6	261
3	RNA-Seq analysis of the wild barley (<i>H. spontaneum</i>) leaf transcriptome under salt stress. <i>Comptes Rendus - Biologies</i> , 2015, 338, 285-297.	0.2	76
4	Immune-protective, antioxidant and relative genes expression impacts of β -glucan against fipronil toxicity in Nile tilapia, <i>Oreochromis niloticus</i> . <i>Fish and Shellfish Immunology</i> , 2019, 94, 427-433.	3.6	59
5	C ₃ photosynthesis in the desert plant <i>Rhazya stricta</i> is fully functional at high temperatures and light intensities. <i>New Phytologist</i> , 2014, 201, 862-873.	7.3	49
6	Conserved Gene Order and Expanded Inverted Repeats Characterize Plastid Genomes of Thalassiosirales. <i>PLoS ONE</i> , 2014, 9, e107854.	2.5	44
7	Immobilisation of α -amylase on activated amidrazone acrylic fabric: a new approach for the enhancement of enzyme stability and reusability. <i>Scientific Reports</i> , 2019, 9, 12672.	3.3	43
8	Analysis of sugar composition and pesticides using HPLC and GC-MS techniques in honey samples collected from Saudi Arabian markets. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3720-3726.	3.8	43
9	Significant antibacterial activity and synergistic effects of camel lactoferrin with antibiotics against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Research in Microbiology</i> , 2016, 167, 480-491.	2.1	37
10	Production of polyunsaturated single cell oils possessing antimicrobial and anticancer properties. <i>Annals of Microbiology</i> , 2016, 66, 937-948.	2.6	37
11	Molecular and Morphological Investigations of the Stauros-bearing, Raphid Pennate Diatoms (Bacillariophyceae): <i>Craspedostauros</i> E.J. Cox, and <i>Staurotropis</i> T.B.B. Paddock, and their Relationship to the Rest of the Mastogloiales. <i>Protist</i> , 2017, 168, 48-70.	1.5	30
12	The temporal foliar transcriptome of the perennial C3 desert plant <i>Rhazya stricta</i> in its natural environment. <i>BMC Plant Biology</i> , 2014, 14, 2.	3.6	27
13	Soil compartment is a major determinant of the impact of simulated rainfall on desert microbiota. <i>Environmental Microbiology</i> , 2016, 18, 5048-5062.	3.8	27
14	α -Amylase immobilization on amidoximated acrylic microfibres activated by cyanuric chloride. <i>Royal Society Open Science</i> , 2018, 5, 172164.	2.4	25
15	Antibacterial activities of <i>Rhazya stricta</i> leaf extracts against multidrug-resistant human pathogens. <i>Biotechnology and Biotechnological Equipment</i> , 2016, 30, 1016-1025.	1.3	18
16	Enzymatic Synthesis of Glucose Fatty Acid Esters Using SCOs as Acyl Group-Donors and Their Biological Activities. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2700.	2.5	14
17	Bacterial diversity of the outflows of a Polichnitos (Lesvos, Greece) hot spring, laboratory studies of a <i>Cyanobacterium</i> sp. strain and potential medical applications. <i>Annals of Microbiology</i> , 2017, 67, 643-654.	2.6	11
18	Comparative Study of Gene Expression Profiling Unravels Functions Associated with Pathogenesis of Dengue Infection. <i>Current Pharmaceutical Design</i> , 2020, 26, 5293-5299.	1.9	11

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19	Neurotoxic, Hepatotoxic and Nephrotoxic Effects of Tramadol Administration in Rats. Journal of Molecular Neuroscience, 2020, 70, 1934-1942.	2.3	10
20	Shelf life extension of wheat bread by alhydwan flour and Carboxymethylcellulose and improvement of their quality characteristics, dough rheological and microstructure. International Journal of Biological Macromolecules, 2020, 156, 851-857.	7.5	9
21	Single Cell Oil (SCO)â€‘Based Bioactive Compounds: lâ€™Enzymatic Synthesis of Fatty Acid Amides Using SCOs as Acyl Group Donors and Their Biological Activities. Applied Biochemistry and Biotechnology, 2021, 193, 822-845.	2.9	9
22	Solvent effects on antioxidant activities and phenolic contents of the alhydwan (<i>Boerhavia elegana</i>) Tj ETQq0 0 0 rgBT /Overlçk 10 Tf 5	8.2	8
23	The effect of <i>Rhazya stricta</i> aqueous leaves extract on MRSA genotypes in Jeddah province. Biotechnology and Biotechnological Equipment, 2016, 30, 368-374.	1.3	5
24	An epidemiological survey of extended-spectrum ð²-lactamases producing bacteria genotypes and the evaluation of the antimicrobial effect of <i>Rhazya stricta</i> leaf extract. Mental Illness, 2012, 3, 16.	0.8	3
25	DIVERSITY PROFILING OF ASSOCIATED BACTERIA FROM THE SOILS OF STRESS TOLERANT PLANTS FROM SEACOAST OF JEDDAH, SAUDI ARABIA. Applied Ecology and Environmental Research, 2020, 18, 8217-8231.	0.5	3
26	High-quality permanent draft genome sequence of <i>Bradyrhizobium</i> sp. Ai1a-2; a microsymbiont of <i>Andira inermis</i> discovered in Costa Rica. Standards in Genomic Sciences, 2015, 10, 33.	1.5	2
27	Assessment of fungal diversity in soil rhizosphere associated with <i>Rhazya stricta</i> and some desert plants using metagenomics. Archives of Microbiology, 2021, 203, 1211-1219.	2.2	2
28	A COMPARATIVE ANALYSIS OF DE NOVO TRANSCRIPTOME ASSEMBLY TO UNDERSTAND THE ABIOTIC STRESS ADAPTATION OF DESERT PLANTS IN SAUDI ARABIA. Applied Ecology and Environmental Research, 2021, 19, 1753-1782.	0.5	2
29	Chemical composition, oxidative stability, and sensory properties of <i>Boerhavia elegana</i> Choisy (alhydwan) seed oil/peanut oil blends. Grasas Y Aceites, 2020, 71, 367.	0.9	2
30	Raspberry ketone attenuates high-fat diet-induced obesity by improving metabolic homeostasis in rats. Asian Pacific Journal of Tropical Biomedicine, 2020, 10, 18.	1.2	1