

Yoram Shotland

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

948
citations

623734

14
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1226
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycerol as a green solvent for high product yields and selectivities. <i>Environmental Chemistry Letters</i> , 2007, 5, 67-71.	16.2	202
2	Glycerol as solvent and hydrogen donor in transfer hydrogenation–dehydrogenation reactions. <i>Tetrahedron Letters</i> , 2009, 50, 5951-5953.	1.4	141
3	Employing crude glycerol from biodiesel production as an alternative green reaction medium. <i>Industrial Crops and Products</i> , 2009, 30, 78-81.	5.2	80
4	Baker's yeast catalyzed asymmetric reduction in glycerol. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2043-2045.	1.8	76
5	The mechanisms whereby the green alga <i>Chlorella ohadii</i> , isolated from desert soil crust, exhibits unparalleled photodamage resistance. <i>New Phytologist</i> , 2016, 210, 1229-1243.	7.3	74
6	A newly isolated <i>Chlorella</i> sp. from desert sand crusts exhibits a unique resistance to excess light intensity. <i>FEMS Microbiology Ecology</i> , 2013, 86, 373-380.	2.7	63
7	The Salmonella SpiC protein targets the mammalian Hook3 protein function to alter cellular trafficking. <i>Molecular Microbiology</i> , 2003, 49, 1565-1576.	2.5	59
8	Proteolysis of Bacteriophage ϕ CII by <i>Escherichia coli</i> FtsH (HflB). <i>Journal of Bacteriology</i> , 2000, 182, 3111-3116.	2.2	54
9	What distinguishes cyanobacteria able to revive after desiccation from those that cannot: the genome aspect. <i>Environmental Microbiology</i> , 2017, 19, 535-550.	3.8	49
10	Towards clarifying what distinguishes cyanobacteria able to resurrect after desiccation from those that cannot: The photosynthetic aspect. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 715-722.	1.0	40
11	Characterization of a conserved α -helical, coiled-coil motif at the C-terminal domain of the ATP-dependent FtsH (HflB) protease of <i>Escherichia coli</i> 1 Edited by J. Karn. <i>Journal of Molecular Biology</i> , 2000, 299, 953-964.	4.2	30
12	Genes Involved in the Endoplasmic Reticulum N-Glycosylation Pathway of the Red Microalga <i>Porphyridium</i> sp.: A Bioinformatic Study. <i>International Journal of Molecular Sciences</i> , 2014, 15, 2305-2326.	4.1	30
13	Prevalence of Monovalent Copper Over Divalent in Killing <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Current Microbiology</i> , 2018, 75, 426-430.	2.2	16
14	Factors Enhancing the Antibacterial Effect of Monovalent Copper Ions. <i>Current Microbiology</i> , 2020, 77, 361-368.	2.2	16
15	Resequencing of a mutant bearing an iron starvation recovery phenotype defines Slr1658 as a new player in the regulatory network of a model cyanobacterium. <i>Plant Journal</i> , 2018, 93, 235-245.	5.7	9
16	Insight into glucosidase II from the red marine microalga <i>Porphyridium</i> sp. (Rhodophyta). <i>Journal of Phycology</i> , 2015, 51, 1075-1087.	2.3	7
17	Transcriptional up-regulation of host-specific terpene metabolism in aphid-induced galls of <i>Pistacia palaestina</i> . <i>Journal of Experimental Botany</i> , 2022, 73, 555-570.	4.8	2