

Michael A Funk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8090310/publications.pdf>

Version: 2024-02-01

29
papers

723
citations

759190

12
h-index

580810

25
g-index

147
all docs

147
docs citations

147
times ranked

1109
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of a scaffold peptide in the biosynthesis of amino acid-derived natural products. <i>Science</i> , 2019, 365, 280-284.	12.6	108
2	Structural interconversions modulate activity of <i>Escherichia coli</i> ribonucleotide reductase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 21046-21051.	7.1	87
3	New tricks for the glycy radical enzyme family. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2017, 52, 674-695.	5.2	71
4	Ribosomal Natural Products, Tailored To Fit. <i>Accounts of Chemical Research</i> , 2017, 50, 1577-1586.	15.6	61
5	Molecular basis for allosteric specificity regulation in class Ia ribonucleotide reductase from <i>Escherichia coli</i> . <i>ELife</i> , 2016, 5, e07141.	6.0	59
6	Structures of benzylsuccinate synthase elucidate roles of accessory subunits in glycy radical enzyme activation and activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10161-10166.	7.1	55
7	Molecular Basis of C-N Bond Cleavage by the Glycy Radical Enzyme Choline Trimethylamine-Lyase. <i>Cell Chemical Biology</i> , 2016, 23, 1206-1216.	5.2	54
8	Biophysical Characterization of Fluorotyrosine Probes Site-Specifically Incorporated into Enzymes: <i>E. coli</i> Ribonucleotide Reductase As an Example. <i>Journal of the American Chemical Society</i> , 2016, 138, 7951-7964.	13.7	43
9	Structure-Guided Identification of a Small Molecule That Inhibits Anaerobic Choline Metabolism by Human Gut Bacteria. <i>Journal of the American Chemical Society</i> , 2019, 141, 33-37.	13.7	39
10	Substrate-bound Structures of Benzylsuccinate Synthase Reveal How Toluene Is Activated in Anaerobic Hydrocarbon Degradation. <i>Journal of Biological Chemistry</i> , 2015, 290, 22398-22408.	3.4	35
11	The class III ribonucleotide reductase from <i>Neisseria bacilliformis</i> can utilize thioredoxin as a reductant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3756-65.	7.1	24
12	Disruption of an oligomeric interface prevents allosteric inhibition of <i>Escherichia coli</i> class Ia ribonucleotide reductase. <i>Journal of Biological Chemistry</i> , 2018, 293, 10404-10412.	3.4	12
13	A cleaner, greener future for chemicals. <i>Science</i> , 2020, 367, 378-379.	12.6	12
14	Books for young scientists and engineers The Great Bear Rescue: Saving the Gobi Bears , <i>Sandra Markle</i> , Millbrook Press, 2020, 40 pp. The How and Wow of the Human Body , <i>Mindy Thomas and Guy Raz, Illustrated by Jack Teagle</i> , Clarion Books, 2021, 192 pp. There's No Ham in Hamburgers: Facts and Folklore About Our Favorite Foods , <i>Kim Zachman,</i> Science, 2021, 374, 1190-1195.	12.6	1
15	Books for budding scientists. <i>Science</i> , 2018, 362, 1104-1110.	12.6	0
16	Marvelous models. <i>Science</i> , 2018, 361, 342-343.	12.6	0
17	In Science Journals. <i>Science</i> , 2021, 373, 1100-1102.	12.6	0
18	In Science Journals. <i>Science</i> , 2021, 373, 1485-1487.	12.6	0

#	ARTICLE	IF	CITATIONS
19	In Science Journals. Science, 2021, 373, 1212-1214.	12.6	0
20	In Science Journals. Science, 2021, 374, 165-167.	12.6	0
21	In Science Journals. Science, 2021, 374, 704-706.	12.6	0
22	In Science Journals. Science, 2022, 375, 36-38.	12.6	0
23	In Science Journals. Science, 2022, 375, 509-511.	12.6	0
24	In Science Journals. Science, 2021, 374, 1572-1574.	12.6	0
25	In Science Journals. Science, 2022, 375, 832-834.	12.6	0
26	In Science Journals. Science, 2022, 375, 1241-1243.	12.6	0
27	In Science Journals. Science, 2022, 375, 1140-1142.	12.6	0
28	In Science Journals. Science, 2022, 376, 591-593.	12.6	0
29	In Science Journals. Science, 2022, 376, 812-814.	12.6	0