

Michael A Funk

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

515
citations

11
h-index

22
g-index

147
ext. papers

641
ext. citations

25.2
avg. IF

4.06
L-index

#	Paper	IF	Citations
14	Structural interconversions modulate activity of Escherichia coli ribonucleotide reductase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 21046-51	11.5	77
13	Use of a scaffold peptide in the biosynthesis of amino acid-derived natural products. <i>Science</i> , 2019 , 365, 280-284	33.3	53
12	Ribosomal Natural Products, Tailored To Fit. <i>Accounts of Chemical Research</i> , 2017 , 50, 1577-1586	24.3	47
11	New tricks for the glycyl radical enzyme family. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2017 , 52, 674-695	8.7	45
10	Structures of benzylsuccinate synthase elucidate roles of accessory subunits in glycyl radical enzyme activation and activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 10161-6	11.5	44
9	Molecular basis for allosteric specificity regulation in class Ia ribonucleotide reductase from Escherichia coli. <i>ELife</i> , 2016 , 5, e07141	8.9	44
8	Molecular Basis of C-N Bond Cleavage by the Glycyl Radical Enzyme Choline Trimethylamine-Lyase. <i>Cell Chemical Biology</i> , 2016 , 23, 1206-1216	8.2	41
7	Biophysical Characterization of Fluorotyrosine Probes Site-Specifically Incorporated into Enzymes: E. coli Ribonucleotide Reductase As an Example. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7951-64	16.4	31
6	Substrate-bound structures of benzylsuccinate synthase reveal how toluene is activated in anaerobic hydrocarbon degradation. <i>Journal of Biological Chemistry</i> , 2015 , 290, 22398-408	5.4	27
5	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	16.4	25
4	The class III ribonucleotide reductase from Neisseria bacilliformis 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	11.5	19
3	Disruption of an oligomeric interface prevents allosteric inhibition of class Ia ribonucleotide reductase. <i>Journal of Biological Chemistry</i> , 2018 , 293, 10404-10412	5.4	11
2	A cleaner, greener future for chemicals. <i>Science</i> , 2020 , 367, 378-379	33.3	7
1	Books for young scientists and engineers, , Millbrook Press, 2020, 40 pp., , Clarion Books, 2021, 192 pp., , Running Press Kids, 2021, 144 pp., , Amulet Books, 2021, 144 pp., , Charlesbridge, 2021, 48 pp., , Princeton Architectural Press, 2021, 80 pp., , Abby Invent, 2021, 48 pp., , Storey Publishing, 2021, 48 pp., , Quarry Books, 2021, 128 pp., , Nomad Press, 2021, 128 pp., , Storey Publishing, 2020, 176 pp., , Storey Publishing, 2020, 132 pp., , Greystone Books, 2021, 240 pp., , Timber Press, 2021, 272 p. <i>Science</i> , 2021 , 374, 1190-1195	33.3	