Michael A Funk

List of Publications by Year in Descending Order

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	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 Invents, 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, 192 pp., , Crystone Books, 2021, 240 pp., , Timber Press, 2021, 272 p.	33.3	
13	A cleaner, greener future for chemicals. *Science*, **2020**, 367, 378-379	33.3	7
12	Use of a scaffold peptide in the biosynthesis of amino acid-derived natural products. *Science*, **2019**, 365, 280-284	33.3	53
11	Structure-Guided Identification of a Small Molecule That Inhibits Anaerobic Choline Metabolism by Human Gut Bacteria. *Journal of the American Chemical Society*, **2019**, 141, 33-37	16.4	25
10	Disruption of an oligomeric interface prevents allosteric inhibition of class Ia ribonucleotide reductase. *Journal of Biological Chemistry*, **2018**, 293, 10404-10412	5.4	11
9	New tricks for the glycyl radical enzyme family. *Critical Reviews in Biochemistry and Molecular Biology*, **2017**, 52, 674-695	8.7	45
8	Ribosomal Natural Products, Tailored To Fit. *Accounts of Chemical Research*, **2017**, 50, 1577-1586	24.3	47
7	Biophysical Characterization of Fluorotyrosine Probes Site-Specifically Incorporated into Enzymes: E. coli Ribonucleotide Reductase As an Example. *Journal of the American Chemical Society*, **2016**, 138, 7951-64	16.4	31
6	Molecular basis for allosteric specificity regulation in class Ia ribonucleotide reductase from Escherichia coli. *ELife*, **2016**, 5, e07141	8.9	44
5	Molecular Basis of C-N Bond Cleavage by the Glycyl Radical Enzyme Choline Trimethylamine-Lyase. *Cell Chemical Biology*, **2016**, 23, 1206-1216	8.2	41
4	Substrate-bound structures of benzylsuccinate synthase reveal how toluene is activated in anaerobic hydrocarbon degradation. *Journal of Biological Chemistry*, **2015**, 290, 22398-408	5.4	27
3	Structures of benzylsuccinate synthase elucidate roles of accessory subunits in glycyl radical enzyme activation and activity. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 10161-6	11.5	44
2	The class III ribonucleotide reductase from Neisseria bacilliformis can utilize thioredoxin as a reductant. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E3756-65	11.5	19
1	Structural interconversions modulate activity of Escherichia coli ribonucleotide reductase. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 21046-51	11.5	77