Michael B Lazarus

List of Publications by Year
in descending order

23	2,237	471509 17	642732 23
papers	citations	h-index	g-index

24	24	24	3369
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Discovery and initial characterization of YloC, a novel endoribonuclease in Bacillus subtilis. Rna, 2022, 28, 227-238.	3.5	5
2	Simple Secondary Amines Inhibit Growth of Gram-Negative Bacteria through Highly Selective Binding to Phenylalanyl-tRNA Synthetase. Journal of the American Chemical Society, 2021, 143, 623-627.	13.7	8
3	High-Resolution Structure and Inhibition of the Schizophrenia-Linked Pseudokinase ULK4. Journal of the American Chemical Society, 2020, 142, 33-37.	13.7	24
4	Inhibition and Crystal Structure of the Human DHTKD1-Thiamin Diphosphate Complex. ACS Chemical Biology, 2020, 15, 2041-2047.	3.4	14
5	Synthesis and Biological Validation of a Harmine-Based, Central Nervous System (CNS)-Avoidant, Selective, Human Î²-Cell Regenerative Dual-Specificity Tyrosine Phosphorylation-Regulated Kinase A (DYRK1A) Inhibitor. Journal of Medicinal Chemistry, 2020, 63, 2986-3003.	6.4	36
6	Structureâ€“Activity Relationships and Biological Evaluation of 7-Substituted Harmine Analogs for Human Î²-Cell Proliferation. Molecules, 2020, 25, 1983.	3.8	13
7	Structureâ€“function analyses of the G729R 2-oxoadipate dehydrogenase genetic variant associated with a disorder of l-lysine metabolism. Journal of Biological Chemistry, 2020, 295, 8078-8095.	3.4	7
8	Structure-Based Evolution of Low Nanomolar O-GlcNAc Transferase Inhibitors. Journal of the American Chemical Society, 2018, 140, 13542-13545.	13.7	117
9	The Antibiotic Novobiocin Binds and Activates the ATPase That Powers Lipopolysaccharide Transport. Journal of the American Chemical Society, 2017, 139, 17221-17224.	13.7	65
10	Discovery of new substrates of the elongation factor-2 kinase suggests a broader role in the cellular nutrient response. Cellular Signalling, 2017, 29, 78-83.	3.6	16
11	How the glycosyltransferase OGT catalyzes amide bond cleavage. Nature Chemical Biology, 2016, 12, 899-901.	8.0	29
12	Structure of the Human Autophagy Initiating Kinase ULK1 in Complex with Potent Inhibitors. ACS Chemical Biology, 2015, 10, 257-261.	3.4	132
13	A Small Molecule That Inhibits OGT Activity in Cells. ACS Chemical Biology, 2015, 10, 1392-1397.	3.4	192
14	Discovery and structure of a new inhibitor scaffold of the autophagy initiating kinase ULK1. Bioorganic and Medicinal Chemistry, 2015, 23, 5483-5488.	3.0	58
15	Decoupling catalytic activity from biological function of the ATPase that powers lipopolysaccharide transport. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4982-4987.	7.1	70
16	HCF-1 Is Cleaved in the Active Site of O-GlcNAc Transferase. Science, 2013, 342, 1235-1239.	12.6	162
17	Structural snapshots of the reaction coordinate for O-GlcNAc transferase. Nature Chemical Biology, 2012, 8, 966-968.	8.0	132
18	A neutral diphosphate mimic crosslinks the active site of human O-GlcNAc transferase. Nature Chemical Biology, 2012, 8, 72-77.	8.0	87

#	Article	IF	Citations
19	Structure of human O-GlcNAc transferase and its complex with a peptide substrate. Nature, 2011, 469, 564-567.	27.8	385
20	EP3 prostaglandin receptors in the median preoptic nucleus are critical for fever responses. Nature Neuroscience, 2007, 10, 1131-1133.	14.8	290
21	The differential role of prostaglandin E2 receptors EP3 and EP4 in regulation of fever. Molecular Nutrition and Food Research, 2006, 50, 451-455.	3.3	35
22	Paclitaxel induces calcium oscillations via an inositol 1,4,5-trisphosphate receptor and neuronal calcium sensor 1-dependent mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18356-18361.	7.1	124
23	Imaging peptidoglycan biosynthesis in Bacillus subtilis with fluorescent antibiotics. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11033-11038.	7.1	235