

# Michael B Lazarus

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

2,237  
citations

471509

17  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

3369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of human O-GlcNAc transferase and its complex with a peptide substrate. <i>Nature</i> , 2011, 469, 564-567.	27.8	385
2	EP3 prostaglandin receptors in the median preoptic nucleus are critical for fever responses. <i>Nature Neuroscience</i> , 2007, 10, 1131-1133.	14.8	290
3	Imaging peptidoglycan biosynthesis in <i>Bacillus subtilis</i> with fluorescent antibiotics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11033-11038.	7.1	235
4	A Small Molecule That Inhibits OGT Activity in Cells. <i>ACS Chemical Biology</i> , 2015, 10, 1392-1397.	3.4	192
5	HCF-1 Is Cleaved in the Active Site of O-GlcNAc Transferase. <i>Science</i> , 2013, 342, 1235-1239.	12.6	162
6	Structural snapshots of the reaction coordinate for O-GlcNAc transferase. <i>Nature Chemical Biology</i> , 2012, 8, 966-968.	8.0	132
7	Structure of the Human Autophagy Initiating Kinase ULK1 in Complex with Potent Inhibitors. <i>ACS Chemical Biology</i> , 2015, 10, 257-261.	3.4	132
8	Paclitaxel induces calcium oscillations via an inositol 1,4,5-trisphosphate receptor and neuronal calcium sensor 1-dependent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18356-18361.	7.1	124
9	Structure-Based Evolution of Low Nanomolar O-GlcNAc Transferase Inhibitors. <i>Journal of the American Chemical Society</i> , 2018, 140, 13542-13545.	13.7	117
10	A neutral diphosphate mimic crosslinks the active site of human O-GlcNAc transferase. <i>Nature Chemical Biology</i> , 2012, 8, 72-77.	8.0	87
11	Decoupling catalytic activity from biological function of the ATPase that powers lipopolysaccharide transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4982-4987.	7.1	70
12	The Antibiotic Novobiocin Binds and Activates the ATPase That Powers Lipopolysaccharide Transport. <i>Journal of the American Chemical Society</i> , 2017, 139, 17221-17224.	13.7	65
13	Discovery and structure of a new inhibitor scaffold of the autophagy initiating kinase ULK1. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5483-5488.	3.0	58
14	Synthesis and Biological Validation of a Harmine-Based, Central Nervous System (CNS)-Avoidant, Selective, Human $\beta$ -Cell Regenerative Dual-Specificity Tyrosine Phosphorylation-Regulated Kinase A (DYRK1A) Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2986-3003.	6.4	36
15	The differential role of prostaglandin E2 receptors EP3 and EP4 in regulation of fever. <i>Molecular Nutrition and Food Research</i> , 2006, 50, 451-455.	3.3	35
16	How the glycosyltransferase OGT catalyzes amide bond cleavage. <i>Nature Chemical Biology</i> , 2016, 12, 899-901.	8.0	29
17	High-Resolution Structure and Inhibition of the Schizophrenia-Linked Pseudokinase ULK4. <i>Journal of the American Chemical Society</i> , 2020, 142, 33-37.	13.7	24
18	Discovery of new substrates of the elongation factor-2 kinase suggests a broader role in the cellular nutrient response. <i>Cellular Signalling</i> , 2017, 29, 78-83.	3.6	16

#	ARTICLE	IF	CITATIONS
19	Inhibition and Crystal Structure of the Human DHTKD1-Thiamin Diphosphate Complex. ACS Chemical Biology, 2020, 15, 2041-2047.	3.4	14
20	Structure-Activity Relationships and Biological Evaluation of 7-Substituted Harmine Analogs for Human $\beta^2$ -Cell Proliferation. Molecules, 2020, 25, 1983.	3.8	13
21	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
22	Structure-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
23	Discovery and initial characterization of YloC, a novel endoribonuclease in <i>Bacillus subtilis</i> . Rna, 2022, 28, 227-238.	3.5	5