Michael R Baldwin

List of Publications by Year
in descending order

28 papers	1,201 citations	361413 20 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	853 citing authors

#	Article	IF	Citations
1	Spectroscopic evidence of tetanus toxin translocation domain bilayer-induced refolding and insertion. Biophysical Journal, 2021, 120, 4763-4776.	0.5	3
2	Constructing Kinetically Controlled Denaturation Isotherms of Folded Proteins Using Denaturant-Pulse Chaperonin Binding. Methods in Molecular Biology, 2019, 1873, 293-304.	0.9	0
3	The Chaperonin GroEL: A Versatile Tool for Applied Biotechnology Platforms. Frontiers in Molecular Biosciences, 2018, 5, 46.	3.5	10
4	Insights into the Mechanisms by Which Clostridial Neurotoxins Discriminate between Gangliosides. Biochemistry, 2017, 56, 2571-2583.	2.5	5
5	Chaperonin-Based Biolayer Interferometry To Assess the Kinetic Stability of Metastable, Aggregation-Prone Proteins. Biochemistry, 2016, 55, 4885-4908.	2.5	7
6	Evidence for dual receptorâ€binding sites in Clostridium difficile toxin A. FEBS Letters, 2016, 590, 4550-4563.	2.8	4
7	Binding and entry of Clostridium difficile toxin B is mediated by multiple domains. FEBS Letters, 2015, 589, 3945-3951.	2.8	32
8	Clostridium sordelliias a Cause of Fatal Septic Shock in a Child with Hemolytic Uremic Syndrome. Case Reports in Pediatrics, 2014, 2014, 1-5.	0.4	1
9	Tetanus Neurotoxin Utilizes Two Sequential Membrane Interactions for Channel Formation. Journal of Biological Chemistry, 2014, 289, 22450-22458.	3.4	14
10	Tumor Biomarker Glycoproteins in the Seminal Plasma of Healthy Human Males Are Endogenous Ligands for DC-SIGN. Molecular and Cellular Proteomics, 2012, 11, M111.008730.	3.8	24
11	Botulinum Neurotoxin Serotype C Associates with Dual Ganglioside Receptors to Facilitate Cell Entry. Journal of Biological Chemistry, 2012, 287, 40806-40816.	3.4	39
12	Unique Ganglioside Recognition Strategies for Clostridial Neurotoxins. Journal of Biological Chemistry, 2011, 286, 34015-34022.	3.4	46
13	Gangliosides as High Affinity Receptors for Tetanus Neurotoxin. Journal of Biological Chemistry, 2009, 284, 26569-26577.	3.4	106
14	Association of botulinum neurotoxins with synaptic vesicle protein complexes. Toxicon, 2009, 54, 570-574.	1.6	31
15	Glycosylated SV2 and Gangliosides as Dual Receptors for Botulinum Neurotoxin Serotype F. Biochemistry, 2009, 48, 5631-5641.	2.5	132
16	Molecular Basis for Tetanus Toxin Coreceptor Interactions. Biochemistry, 2008, 47, 7179-7186.	2.5	58
17	Subunit Vaccine against the Seven Serotypes of Botulism. Infection and Immunity, 2008, 76, 1314-1318.	2.2	105
18	Recombinant Holotoxoid Vaccine against Botulism. Infection and Immunity, 2008, 76, 437-442.	2.2	56

#	Article	IF	Citations
19	An in vitro and in vivo disconnect uncovered through high-throughput identification of botulinum neurotoxin A antagonists. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2602-2607.	7.1	119
20	Association of Botulinum Neurotoxin Serotypes A and B with Synaptic Vesicle Protein Complexesâ€. Biochemistry, 2007, 46, 3200-3210.	2.5	57
21	Botulinum neurotoxin Bâ€“host receptor recognition: it takes two receptors to tango. Nature Structural and Molecular Biology, 2007, 14, 9-10.	8.2	27
22	Light Chain of Botulinum Neurotoxin Serotype A:â€‰ Structural Resolution of a Catalytic Intermediate,. Biochemistry, 2006, 45, 8903-8911.	2.5	57
23	Characterization of the Antibody Response to the Receptor Binding Domain of Botulinum Neurotoxin Serotypes A and E. Infection and Immunity, 2005, 73, 6998-7005.	2.2	54
24	Ezrin/Radixin/Moesin Proteins Are High Affinity Targets for ADP-ribosylation by Pseudomonas aeruginosa ExoS. Journal of Biological Chemistry, 2004, 279, 38402-38408.	3.4	61
25	Identification and characterization of the Pasteurella multocida toxin translocation domain. Molecular Microbiology, 2004, 54, 239-250.	2.5	31
26	The C-terminus of botulinum neurotoxin type A light chain contributes to solubility, catalysis, and stability. Protein Expression and Purification, 2004, 37, 187-195.	1.3	68
27	The Pasteurella multocida toxin interacts with signalling pathways to perturb cell growth and differentiation. International Journal of Medical Microbiology, 2004, 293, 505-512.	3.6	33
28	Pasteurella multocida Toxin Facilitates Inositol Phosphate Formation by Bombesin through Tyrosine Phosphorylation of GÎ±q. Journal of Biological Chemistry, 2003, 278, 32719-32725.	3.4	21