

Michael R Baldwin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5820125/publications.pdf>

Version: 2024-02-01

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	Glycosylated SV2 and Gangliosides as Dual Receptors for Botulinum Neurotoxin Serotype F. <i>Biochemistry</i> , 2009, 48, 5631-5641.	2.5	132
2	An in vitro and in vivo disconnect uncovered through high-throughput identification of botulinum neurotoxin A antagonists. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2602-2607.	7.1	119
3	Gangliosides as High Affinity Receptors for Tetanus Neurotoxin. <i>Journal of Biological Chemistry</i> , 2009, 284, 26569-26577.	3.4	106
4	Subunit Vaccine against the Seven Serotypes of Botulism. <i>Infection and Immunity</i> , 2008, 76, 1314-1318.	2.2	105
5	The C-terminus of botulinum neurotoxin type A light chain contributes to solubility, catalysis, and stability. <i>Protein Expression and Purification</i> , 2004, 37, 187-195.	1.3	68
6	Ezrin/Radixin/Moesin Proteins Are High Affinity Targets for ADP-ribosylation by <i>Pseudomonas aeruginosa</i> ExoS. <i>Journal of Biological Chemistry</i> , 2004, 279, 38402-38408.	3.4	61
7	Molecular Basis for Tetanus Toxin Coreceptor Interactions. <i>Biochemistry</i> , 2008, 47, 7179-7186.	2.5	58
8	Light Chain of Botulinum Neurotoxin Serotype A: Structural Resolution of a Catalytic Intermediate. <i>Biochemistry</i> , 2006, 45, 8903-8911.	2.5	57
9	Association of Botulinum Neurotoxin Serotypes A and B with Synaptic Vesicle Protein Complexes. <i>Biochemistry</i> , 2007, 46, 3200-3210.	2.5	57
10	Recombinant Holotoxoid Vaccine against Botulism. <i>Infection and Immunity</i> , 2008, 76, 437-442.	2.2	56
11	Characterization of the Antibody Response to the Receptor Binding Domain of Botulinum Neurotoxin Serotypes A and E. <i>Infection and Immunity</i> , 2005, 73, 6998-7005.	2.2	54
12	Unique Ganglioside Recognition Strategies for Clostridial Neurotoxins. <i>Journal of Biological Chemistry</i> , 2011, 286, 34015-34022.	3.4	46
13	Botulinum Neurotoxin Serotype C Associates with Dual Ganglioside Receptors to Facilitate Cell Entry. <i>Journal of Biological Chemistry</i> , 2012, 287, 40806-40816.	3.4	39
14	The <i>Pasteurella multocida</i> toxin interacts with signalling pathways to perturb cell growth and differentiation. <i>International Journal of Medical Microbiology</i> , 2004, 293, 505-512.	3.6	33
15	Binding and entry of <i>Clostridium difficile</i> toxin B is mediated by multiple domains. <i>FEBS Letters</i> , 2015, 589, 3945-3951.	2.8	32
16	Identification and characterization of the <i>Pasteurella multocida</i> toxin translocation domain. <i>Molecular Microbiology</i> , 2004, 54, 239-250.	2.5	31
17	Association of botulinum neurotoxins with synaptic vesicle protein complexes. <i>Toxicon</i> , 2009, 54, 570-574.	1.6	31
18	Botulinum neurotoxin B host receptor recognition: it takes two receptors to tango. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 9-10.	8.2	27

#	ARTICLE	IF	CITATIONS
19	Tumor Biomarker Glycoproteins in the Seminal Plasma of Healthy Human Males Are Endogenous Ligands for DC-SIGN. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.008730.	3.8	24
20	<i>Pasteurella multocida</i> Toxin Facilitates Inositol Phosphate Formation by Bombesin through Tyrosine Phosphorylation of $G\beta_q$. <i>Journal of Biological Chemistry</i> , 2003, 278, 32719-32725.	3.4	21
21	Tetanus Neurotoxin Utilizes Two Sequential Membrane Interactions for Channel Formation. <i>Journal of Biological Chemistry</i> , 2014, 289, 22450-22458.	3.4	14
22	The Chaperonin GroEL: A Versatile Tool for Applied Biotechnology Platforms. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 46.	3.5	10
23	Chaperonin-Based Biolayer Interferometry To Assess the Kinetic Stability of Metastable, Aggregation-Prone Proteins. <i>Biochemistry</i> , 2016, 55, 4885-4908.	2.5	7
24	Insights into the Mechanisms by Which Clostridial Neurotoxins Discriminate between Gangliosides. <i>Biochemistry</i> , 2017, 56, 2571-2583.	2.5	5
25	Evidence for dual receptor-binding sites in <i>Clostridium difficile</i> toxin A. <i>FEBS Letters</i> , 2016, 590, 4550-4563.	2.8	4
26	Spectroscopic evidence of tetanus toxin translocation domain bilayer-induced refolding and insertion. <i>Biophysical Journal</i> , 2021, 120, 4763-4776.	0.5	3
27	<i>Clostridium sordellii</i> as a Cause of Fatal Septic Shock in a Child with Hemolytic Uremic Syndrome. <i>Case Reports in Pediatrics</i> , 2014, 2014, 1-5.	0.4	1
28	Constructing Kinetically Controlled Denaturation Isotherms of Folded Proteins Using Denaturant-Pulse Chaperonin Binding. <i>Methods in Molecular Biology</i> , 2019, 1873, 293-304.	0.9	0