

William D Barshop

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,214
citations

687363

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996975

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2182
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria Bound to Lipid Droplets Have Unique Bioenergetics, Composition, and Dynamics that Support Lipid Droplet Expansion. <i>Cell Metabolism</i> , 2018, 27, 869-885.e6.	16.2	359
2	A DNA methylation reader complex that enhances gene transcription. <i>Science</i> , 2018, 362, 1182-1186.	12.6	181
3	FXR activation protects against NAFLD via bile-acid-dependent reductions in lipid absorption. <i>Cell Metabolism</i> , 2021, 33, 1671-1684.e4.	16.2	165
4	Expanding the Diversity of Mycobacteriophages: Insights into Genome Architecture and Evolution. <i>PLoS ONE</i> , 2011, 6, e16329.	2.5	133
5	Molecular basis for blue light-dependent phosphorylation of Arabidopsis cryptochrome 2. <i>Nature Communications</i> , 2017, 8, 15234.	12.8	81
6	Cell Surface Proteomics Provides Insight into Stage-Specific Remodeling of the Host-Parasite Interface in <i>Trypanosoma brucei</i> *. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1977-1988.	3.8	50
7	FBXO44 promotes DNA replication-coupled repetitive element silencing in cancer cells. <i>Cell</i> , 2021, 184, 352-369.e23.	28.9	50
8	The Blue Light-Dependent Phosphorylation of the CCE Domain Determines the Photosensitivity of Arabidopsis CRY2. <i>Molecular Plant</i> , 2015, 8, 631-643.	8.3	47
9	Loss of the BBSome perturbs endocytic trafficking and disrupts virulence of <i>Trypanosoma brucei</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 632-637.	7.1	38
10	The Rhopty Pseudokinase ROP54 Modulates <i>Toxoplasma gondii</i> Virulence and Host GBP2 Loading. <i>MSphere</i> , 2016, 1, .	2.9	27
11	The characterization of Mediator 12 and 13 as conditional positive gene regulators in Arabidopsis. <i>Nature Communications</i> , 2020, 11, 2798.	12.8	22
12	An Oxygen-Dependent Interaction between FBXL5 and the CIA-Targeting Complex Regulates Iron Homeostasis. <i>Molecular Cell</i> , 2019, 75, 382-393.e5.	9.7	19
13	A FBXO7/EYA2-SCFFBXW7 axis promotes AXL-mediated maintenance of mesenchymal and immune evasion phenotypes of cancer cells. <i>Molecular Cell</i> , 2022, 82, 1123-1139.e8.	9.7	18
14	Determining the Mitochondrial Methyl Proteome in <i>Saccharomyces cerevisiae</i> using Heavy Methyl SILAC. <i>Journal of Proteome Research</i> , 2016, 15, 4436-4451.	3.7	15
15	Chemical Derivatization of Affinity Matrices Provides Protection from Tryptic Proteolysis. <i>Journal of Proteome Research</i> , 2019, 18, 3586-3596.	3.7	9
16	Sequential Windowed Acquisition of Reporter Masses for Quantitation-First Proteomics. <i>Journal of Proteome Research</i> , 2019, 18, 1893-1901.	3.7	0