

William M Old

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,779
citations

623734

14
h-index

642732

23
g-index

32
all docs

32
docs citations

32
times ranked

3219
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Label-free Methods for Quantifying Human Proteins by Shotgun Proteomics. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 1487-1502.	3.8	1,063
2	Human TFIH Kinase CDK7 Regulates Transcription-Associated Chromatin Modifications. <i>Cell Reports</i> , 2017, 20, 1173-1186.	6.4	123
3	Identification of Mediator Kinase Substrates in Human Cells using Cortistatin A and Quantitative Phosphoproteomics. <i>Cell Reports</i> , 2016, 15, 436-450.	6.4	117
4	Selective inhibition of CDK7 reveals high-confidence targets and new models for TFIH function in transcription. <i>Genes and Development</i> , 2020, 34, 1452-1473.	5.9	47
5	Centromere protein F includes two sites that couple efficiently to depolymerizing microtubules. <i>Journal of Cell Biology</i> , 2015, 209, 813-828.	5.2	46
6	An isothermal shift assay for proteome scale drug-target identification. <i>Communications Biology</i> , 2020, 3, 75.	4.4	46
7	The nuclear interactome of DYRK1A reveals a functional role in DNA damage repair. <i>Scientific Reports</i> , 2019, 9, 6539.	3.3	42
8	IsoformResolver: A Peptide-Centric Algorithm for Protein Inference. <i>Journal of Proteome Research</i> , 2011, 10, 3060-3075.	3.7	37
9	Changes to the TDP-43 and FUS Interactomes Induced by DNA Damage. <i>Journal of Proteome Research</i> , 2020, 19, 360-370.	3.7	34
10	Traumatic injury compromises nucleocytoplasmic transport and leads to TDP-43 pathology. <i>ELife</i> , 2021, 10, .	6.0	33
11	Identification of a Family of Fatty-Acid-Speciared Sonic Hedgehog Proteins, Whose Members Display Differential Biological Properties. <i>Cell Reports</i> , 2015, 10, 1280-1287.	6.4	30
12	Specificity of Phosphorylation Responses to Mitogen Activated Protein (MAP) Kinase Pathway Inhibitors in Melanoma Cells. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 550-564.	3.8	27
13	Cannabidiol activates PINK1-Parkin-dependent mitophagy and mitochondrial-derived vesicles. <i>European Journal of Cell Biology</i> , 2022, 101, 151185.	3.6	24
14	A Synonymous Mutation Upstream of the Gene Encoding a Weak-Link Enzyme Causes an Ultrasensitive Response in Growth Rate. <i>Journal of Bacteriology</i> , 2016, 198, 2853-2863.	2.2	23
15	Ubiquitin-dependent switch during assembly of the proteasomal ATPases mediated by Not4 ubiquitin ligase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13246-13251.	7.1	15
16	Thailandenes, Cryptic Polyene Natural Products Isolated from <i>Burkholderia thailandensis</i> Using Phenotype-Guided Transposon Mutagenesis. <i>ACS Chemical Biology</i> , 2020, 15, 1195-1203.	3.4	15
17	On-Chip Acousto Thermal Shift Assay for Rapid and Sensitive Assessment of Protein Thermodynamic Stability. <i>Small</i> , 2020, 16, e2003506.	10.0	9
18	Identification of the primary peptide contaminant that inhibits fibrillation and toxicity in synthetic amyloid- β 42. <i>PLoS ONE</i> , 2017, 12, e0182804.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Multiomic Analysis Reveals Disruption of Cholesterol Homeostasis by Cannabidiol in Human Cell Lines. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100262.	3.8	8
20	Label-Free Immunoprecipitation Mass Spectrometry Workflow for Large-scale Nuclear Interactome Profiling. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	7
21	Temporal Metabolite, Ion, and Enzyme Activity Profiling Using Fluorescence Microscopy and Genetically Encoded Biosensors. <i>Methods in Molecular Biology</i> , 2019, 1978, 343-353.	0.9	3
22	Flattening of Diluted Species Profile via Passive Geometry in a Microfluidic Device. <i>Micromachines</i> , 2019, 10, 839.	2.9	2
23	The TORC1 phosphoproteome in <i>C.Âlegans</i> reveals roles in transcription and autophagy. <i>IScience</i> , 2022, 25, 104186.	4.1	2