

Mark Evan Graham

List of Publications by Year in descending order

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48
papers

3,545
citations

218677

26
h-index

243625

44
g-index

51
all docs

51
docs citations

51
times ranked

5187
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Composition of Catalytically Active Human Telomerase from Immortal Cells. <i>Science</i> , 2007, 315, 1850-1853.	12.6	595
2	Tyrosine hydroxylase phosphorylation: regulation and consequences. <i>Journal of Neurochemistry</i> , 2004, 91, 1025-1043.	3.9	397
3	Cdk5 is essential for synaptic vesicle endocytosis. <i>Nature Cell Biology</i> , 2003, 5, 701-710.	10.3	290
4	Cdk1/Erk2- and Plk1-Dependent Phosphorylation of a Centrosome Protein, Cep55, Is Required for Its Recruitment to Midbody and Cytokinesis. <i>Developmental Cell</i> , 2005, 9, 477-488.	7.0	273
5	Involvement of novel autophosphorylation sites in ATM activation. <i>EMBO Journal</i> , 2006, 25, 3504-3514.	7.8	251
6	Syndapin I is the phosphorylation-regulated dynamin I partner in synaptic vesicle endocytosis. <i>Nature Neuroscience</i> , 2006, 9, 752-760.	14.8	198
7	Autophosphorylation and ATM Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 9107-9119.	3.4	166
8	Site-Specific Glycan-Peptide Analysis for Determination of <i>N</i> -Glycoproteome Heterogeneity. <i>Journal of Proteome Research</i> , 2013, 12, 5791-5800.	3.7	153
9	A Novel Method for the Simultaneous Enrichment, Identification, and Quantification of Phosphopeptides and Sialylated Glycopeptides Applied to a Temporal Profile of Mouse Brain Development. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1191-1202.	3.8	121
10	Improved Detection of Hydrophilic Phosphopeptides Using Graphite Powder Microcolumns and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2004, 3, 456-465.	3.8	91
11	Phosphorylation of Ser19 Alters the Conformation of Tyrosine Hydroxylase to Increase the Rate of Phosphorylation of Ser40. <i>Journal of Biological Chemistry</i> , 2001, 276, 40411-40416.	3.4	77
12	Small Molecule Inhibitors of Dynamin I GTPase Activity: Development of Dimeric Tyrphostins. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7781-7788.	6.4	75
13	Reactive Oxygen Species (ROS)-Activated ATM-Dependent Phosphorylation of Cytoplasmic Substrates Identified by Large-Scale Phosphoproteomics Screen. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1032-1047.	3.8	62
14	The phosphorylation of p25/TPPP by LIM kinase 1 inhibits its ability to assemble microtubules. <i>Experimental Cell Research</i> , 2007, 313, 4091-4106.	2.6	59
15	Label-Free Quantitation of Phosphopeptide Changes During Rat Sperm Capacitation. <i>Journal of Proteome Research</i> , 2010, 9, 718-729.	3.7	53
16	The in Vivo Phosphorylation Sites of Rat Brain Dynamin I*. <i>Journal of Biological Chemistry</i> , 2007, 282, 14695-14707.	3.4	45
17	KrÄppel-associated Box (KRAB)-associated Co-repressor (KAP-1) Ser-473 Phosphorylation Regulates Heterochromatin Protein 1 ² (HP1 ²) Mobilization and DNA Repair in Heterochromatin. <i>Journal of Biological Chemistry</i> , 2012, 287, 28122-28131.	3.4	43
18	Multisite phosphorylation of doublecortin by cyclin-dependent kinase 5. <i>Biochemical Journal</i> , 2004, 381, 471-481.	3.7	42

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19	Telomerase Recognizes G-Quadruplex and Linear DNA as Distinct Substrates. <i>Biochemistry</i> , 2007, 46, 11279-11290.	2.5	39
20	Calcineurin Selectively Docks with the Dynamin I α Splice Variant to Regulate Activity-dependent Bulk Endocytosis. <i>Journal of Biological Chemistry</i> , 2011, 286, 30295-30303.	3.4	39
21	Phosphorylation of septin 3 on Ser-91 by cGMP-dependent protein kinase-I in nerve terminals. <i>Biochemical Journal</i> , 2004, 381, 753-760.	3.7	38
22	Azido and Diaziriny Analogs of Bisphosphonates as Asymmetrical Inhibitors of Dynamin GTPase. <i>ChemMedChem</i> , 2009, 4, 1182-1188.	3.2	36
23	Phosphorylation of dynamin II at serine-764 is associated with cytokinesis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1689-1699.	4.1	34
24	The actin-binding and bundling protein, EPLIN, is required for cytokinesis. <i>Cell Cycle</i> , 2009, 8, 757-764.	2.6	33
25	A Novel Post-translational Modification in Nerve Terminals: O-Linked N-Acetylglucosamine Phosphorylation. <i>Journal of Proteome Research</i> , 2011, 10, 2725-2733.	3.7	33
26	Senataxin controls meiotic silencing through ATR activation and chromatin remodeling. <i>Cell Discovery</i> , 2015, 1, 15025.	6.7	29
27	The temporal profile of activity-dependent presynaptic phospho-signalling reveals long-lasting patterns of poststimulus regulation. <i>PLoS Biology</i> , 2019, 17, e3000170.	5.6	29
28	Phosphorylation of syndapin I F-BAR domain at two helix-capping motifs regulates membrane tubulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3760-3765.	7.1	28
29	The in Vivo Phosphorylation and Glycosylation of Human Insulin-like Growth Factor-binding Protein-5. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1392-1405.	3.8	27
30	TWIST1 and chromatin regulatory proteins interact to guide neural crest cell differentiation. <i>ELife</i> , 2021, 10, .	6.0	26
31	The in Vivo Phosphorylation Sites in Multiple Isoforms of Amphiphysin I from Rat Brain Nerve Terminals. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1146-1161.	3.8	25
32	Differential Phosphorylation of Dynamin I Isoforms in Subcellular Compartments Demonstrates the Hidden Complexity of Phosphoproteomes. <i>Journal of Proteome Research</i> , 2010, 9, 4028-4037.	3.7	23
33	The Biochemical Properties and Functions of CALM and AP180 in Clathrin Mediated Endocytosis. <i>Membranes</i> , 2014, 4, 388-413.	3.0	19
34	Differentiation of brain and retinal organoids from confluent cultures of pluripotent stem cells connected by nerve-like axonal projections of optic origin. <i>Stem Cell Reports</i> , 2022, 17, 1476-1492.	4.8	19
35	TWIST1 Homodimers and Heterodimers Orchestrate Lineage-Specific Differentiation. <i>Molecular and Cellular Biology</i> , 2020, 40, .	2.3	18
36	A presynaptic phosphosignaling hub for lasting homeostatic plasticity. <i>Cell Reports</i> , 2022, 39, 110696.	6.4	17

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37	Determination of Phosphorylation Levels of Tyrosine Hydroxylase by Electrospray Mass Spectrometry. <i>Analytical Biochemistry</i> , 2000, 281, 98-104.	2.4	8
38	A Novel Sequence in AP180 and CALM Promotes Efficient Clathrin Binding and Assembly. <i>PLoS ONE</i> , 2016, 11, e0162050.	2.5	8
39	Synthesis and protein binding studies of a peptide fragment of clathrin assembly protein AP180 bearing an O-linked Î²-N-acetylglucosaminyl-6-phosphate modification. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2545.	2.8	5
40	The 16 kDa C-Terminal Sequence of Clathrin Assembly Protein AP180 Is Essential for Efficient Clathrin Binding. <i>PLoS ONE</i> , 2014, 9, e110557.	2.5	5
41	Characterization of the phosphorylation of rat tyrosine hydroxylase using electrospray mass spectrometry. , 1998, 12, 746-748.		4
42	Identification of ATM Protein Kinase Phosphorylation Sites by Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017, 1599, 127-144.	0.9	4
43	Characterisation of tryptic peptides of phosphorylated tyrosine hydroxylase by high-pressure liquid chromatography electrospray ionisation mass spectrometry. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 142, 271-276.	1.7	3
44	SNAP-25 phosphorylation at Ser187 is not involved in Ca ²⁺ or phorbol ester-dependent potentiation of synaptic release. <i>Molecular and Cellular Neurosciences</i> , 2020, 102, 103452.	2.2	3
45	The interaction of assembly protein AP180 and clathrin is inhibited by multi-site phospho-mimetics. <i>Neurochemistry International</i> , 2019, 129, 104474.	3.8	1
46	Affinity Proteomics for Interactome and Phosphoproteome Screening in Synaptosomes. <i>Neuromethods</i> , 2018, , 165-191.	0.3	0
47	Quantitative phosphoproteomics of depolarization-dependent protein phosphorylation in nerve terminals. <i>FASEB Journal</i> , 2010, 24, 905.2.	0.5	0
48	Fludarabine nucleoside induces major changes in the p53 interactome in human B-lymphoid cancer cell lines. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2022, 41, 314-320.	1.1	0