

Sabine Elowe

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,249
citations

393982

19
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414034

32
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39
docs citations

39
times ranked

3164
citing authors

#	ARTICLE	IF	CITATIONS
1	The Receptor Tyrosine Kinase EphB2 Regulates NMDA-Dependent Synaptic Function. <i>Neuron</i> , 2001, 32, 1041-1056.	3.8	297
2	Tension-sensitive Plk1 phosphorylation on BubR1 regulates the stability of kinetochore-microtubule interactions. <i>Genes and Development</i> , 2007, 21, 2205-2219.	2.7	271
3	A robust methodology to subclassify pseudokinases based on their nucleotide-binding properties. <i>Biochemical Journal</i> , 2014, 457, 323-334.	1.7	241
4	The Plk1-dependent Phosphoproteome of the Early Mitotic Spindle. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.004457.	2.5	201
5	Nonsense-mediated decay microarray analysis identifies mutations of EPHB2 in human prostate cancer. <i>Nature Genetics</i> , 2004, 36, 979-983.	9.4	180
6	Downregulation of the Ras-Mitogen-Activated Protein Kinase Pathway by the EphB2 Receptor Tyrosine Kinase Is Required for Ephrin-Induced Neurite Retraction. <i>Molecular and Cellular Biology</i> , 2001, 21, 7429-7441.	1.1	173
7	Playing polo during mitosis: PLK1 takes the lead. <i>Oncogene</i> , 2017, 36, 4819-4827.	2.6	140
8	Bub1 and BubR1: at the Interface between Chromosome Attachment and the Spindle Checkpoint. <i>Molecular and Cellular Biology</i> , 2011, 31, 3085-3093.	1.1	104
9	Uncoupling of the spindle-checkpoint and chromosome-congression functions of BubR1. <i>Journal of Cell Science</i> , 2010, 123, 84-94.	1.2	100
10	Quantitative Mass Spectrometry Analysis Reveals Similar Substrate Consensus Motif for Human Mps1 Kinase and Plk1. <i>PLoS ONE</i> , 2011, 6, e18793.	1.1	65
11	Manipulation of EphB2 Regulatory Motifs and SH2 Binding Sites Switches MAPK Signaling and Biological Activity. <i>Journal of Biological Chemistry</i> , 2003, 278, 6111-6119.	1.6	62
12	A Role for the Chaperone Complex BAG3-HSPB8 in Actin Dynamics, Spindle Orientation and Proper Chromosome Segregation during Mitosis. <i>PLoS Genetics</i> , 2015, 11, e1005582.	1.5	49
13	The dynamic protein Knl1 - a kinetochore rendezvous. <i>Journal of Cell Science</i> , 2014, 127, 3415-23.	1.2	38
14	Recent Progress on the Localization of the Spindle Assembly Checkpoint Machinery to Kinetochores. <i>Cells</i> , 2019, 8, 278.	1.8	33
15	Characterization of Spindle Checkpoint Kinase Mps1 Reveals Domain with Functional and Structural Similarities to Tetratricopeptide Repeat Motifs of Bub1 and BubR1 Checkpoint Kinases. <i>Journal of Biological Chemistry</i> , 2012, 287, 5988-6001.	1.6	32
16	Bub1 autophosphorylation feeds back to regulate kinetochore docking and promote localized substrate phosphorylation. <i>Nature Communications</i> , 2015, 6, 8364.	5.8	30
17	Minimal catalytic domain of N-acetylglucosaminyltransferase V. <i>Glycobiology</i> , 2000, 10, 595-599.	1.3	29
18	Tissue transglutaminase clusters soluble A-type ephrins into functionally active high molecular weight oligomers. <i>Experimental Cell Research</i> , 2007, 313, 4170-4179.	1.2	27

#	ARTICLE	IF	CITATIONS
19	Mitotic phosphotyrosine network analysis reveals that tyrosine phosphorylation regulates Polo-like kinase 1 (PLK1). <i>Science Signaling</i> , 2016, 9, rs14.	1.6	26
20	Sgo1 is a potential therapeutic target for hepatocellular carcinoma. <i>Oncotarget</i> , 2015, 6, 2023-2033.	0.8	26
21	Mps1 Phosphorylates Its N-Terminal Extension to Relieve Autoinhibition and Activate the Spindle Assembly Checkpoint. <i>Current Biology</i> , 2018, 28, 872-883.e5.	1.8	22
22	Proteomic Analysis of NCK1/2 Adaptors Uncovers Paralog-specific Interactions That Reveal a New Role for NCK2 in Cell Abcission During Cytokinesis. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1979-1990.	2.5	21
23	The Inhibitory Receptor CLEC12A Regulates PI3K-Akt Signaling to Inhibit Neutrophil Activation and Cytokine Release. <i>Frontiers in Immunology</i> , 2021, 12, 650808.	2.2	16
24	Uncovering the Molecular Machinery of the Human Spindle—An Integration of Wet and Dry Systems Biology. <i>PLoS ONE</i> , 2012, 7, e31813.	1.1	14
25	BUBR1 Pseudokinase Domain Promotes Kinetochores PP2A-B56 Recruitment, Spindle Checkpoint Silencing, and Chromosome Alignment. <i>Cell Reports</i> , 2020, 33, 108397.	2.9	12
26	The spindle checkpoint proteins BUB1 and BUBR1: (SLiM)ming down to the basics. <i>Trends in Biochemical Sciences</i> , 2022, 47, 352-366.	3.7	12
27	EPH receptor tyrosine kinases phosphorylate the PAR-3 scaffold protein to modulate downstream signaling networks. <i>Cell Reports</i> , 2022, 40, 111031.	2.9	8
28	The Fanconi Anemia C Protein Binds to and Regulates Stathmin-1 Phosphorylation. <i>PLoS ONE</i> , 2015, 10, e0140612.	1.1	6
29	Tyr(less) kinase signaling during mitosis. <i>Cell Cycle</i> , 2017, 16, 746-748.	1.3	5
30	A type 2 diabetes disease module with a high collective influence for Cdk2 and PTPLAD1 is localized in endosomes. <i>PLoS ONE</i> , 2018, 13, e0205180.	1.1	5
31	ZNF768: controlling cellular senescence and proliferation with ten fingers. <i>Molecular and Cellular Oncology</i> , 2021, 8, 1985930.	0.3	2
32	Adventures of the undead at kinetochores. <i>Molecular and Cellular Oncology</i> , 2021, 8, 1876511.	0.3	1
33	Editorial: Novel Insights Into the Multifaceted Mitotic Kinases. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 51.	1.8	0
34	Moonlighting at the Centrosome: RFX Turns to Plk1. <i>Developmental Cell</i> , 2020, 55, 672-674.	3.1	0
35	Considerations for studying phosphorylation of the mitotic checkpoint pseudokinase BUBR1. <i>Methods in Enzymology</i> , 2022, 667, 507-534.	0.4	0
36	A commercial ARHGEF17/TEM4 antibody cross-reacts with Nuclear Mitotic Apparatus protein 1 (NuMA). <i>PLoS ONE</i> , 2022, 17, e0268848.	1.1	0