

# Sabine Elowe

## List of Publications by Year in descending order

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36  
papers

2,249  
citations

394421

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414414

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39  
docs citations

39  
times ranked

3164  
citing authors

#	ARTICLE	IF	CITATIONS
1	The spindle checkpoint proteins BUB1 and BUBR1: (SLIM)ming down to the basics. Trends in Biochemical Sciences, 2022, 47, 352-366.	7.5	12
2	Considerations for studying phosphorylation of the mitotic checkpoint pseudokinase BUBR1. Methods in Enzymology, 2022, 667, 507-534.	1.0	0
3	A commercial ARHGEF17/TEM4 antibody cross-reacts with Nuclear Mitotic Apparatus protein 1 (NuMA). PLoS ONE, 2022, 17, e0268848.	2.5	0
4	EPH receptor tyrosine kinases phosphorylate the PAR-3 scaffold protein to modulate downstream signaling networks. Cell Reports, 2022, 40, 111031.	6.4	8
5	The Inhibitory Receptor CLEC12A Regulates PI3K-Akt Signaling to Inhibit Neutrophil Activation and Cytokine Release. Frontiers in Immunology, 2021, 12, 650808.	4.8	16
6	Adventures of the undead at kinetochores. Molecular and Cellular Oncology, 2021, 8, 1876511.	0.7	1
7	ZNF768: controlling cellular senescence and proliferation with ten fingers. Molecular and Cellular Oncology, 2021, 8, 1985930.	0.7	2
8	BUBR1 Pseudokinase Domain Promotes Kinetochore PP2A-B56 Recruitment, Spindle Checkpoint Silencing, and Chromosome Alignment. Cell Reports, 2020, 33, 108397.	6.4	12
9	Moonlighting at the Centrosome: RXR $\beta$ Turns to Plk1. Developmental Cell, 2020, 55, 672-674.	7.0	0
10	Editorial: Novel Insights Into the Multifaceted Mitotic Kinases. Frontiers in Cell and Developmental Biology, 2019, 7, 51.	3.7	0
11	Recent Progress on the Localization of the Spindle Assembly Checkpoint Machinery to Kinetochores. Cells, 2019, 8, 278.	4.1	33
12	Mps1 Phosphorylates Its N-Terminal Extension to Relieve Autoinhibition and Activate the Spindle Assembly Checkpoint. Current Biology, 2018, 28, 872-883.e5.	3.9	22
13	A type 2 diabetes disease module with a high collective influence for Cdk2 and PTPLAD1 is localized in endosomes. PLoS ONE, 2018, 13, e0205180.	2.5	5
14	Proteomic Analysis of NCK1/2 Adaptors Uncovers Paralog-specific Interactions That Reveal a New Role for NCK2 in Cell Abscission During Cytokinesis. Molecular and Cellular Proteomics, 2018, 17, 1979-1990.	3.8	21
15	Playing polo during mitosis: PLK1 takes the lead. Oncogene, 2017, 36, 4819-4827.	5.9	140
16	Tyr(less) kinase signaling during mitosis. Cell Cycle, 2017, 16, 746-748.	2.6	5
17	Mitotic phosphotyrosine network analysis reveals that tyrosine phosphorylation regulates Polo-like kinase 1 (PLK1). Science Signaling, 2016, 9, rs14.	3.6	26
18	The Fanconi Anemia C Protein Binds to and Regulates Stathmin-1 Phosphorylation. PLoS ONE, 2015, 10, e0140612.	2.5	6

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19	Bub1 autophosphorylation feeds back to regulate kinetochore docking and promote localized substrate phosphorylation. <i>Nature Communications</i> , 2015, 6, 8364.	12.8	30
20	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.	3.5	49
21	Sgo1 is a potential therapeutic target for hepatocellular carcinoma. <i>Oncotarget</i> , 2015, 6, 2023-2033.	1.8	26
22	The dynamic protein Knl1 is a kinetochore rendezvous. <i>Journal of Cell Science</i> , 2014, 127, 3415-23.	2.0	38
23	A robust methodology to subclassify pseudokinases based on their nucleotide-binding properties. <i>Biochemical Journal</i> , 2014, 457, 323-334.	3.7	241
24	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.	3.4	32
25	Uncovering the Molecular Machinery of the Human Spindle: An Integration of Wet and Dry Systems Biology. <i>PLoS ONE</i> , 2012, 7, e31813.	2.5	14
26	The Plk1-dependent Phosphoproteome of the Early Mitotic Spindle. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.004457.	3.8	201
27	Bub1 and BubR1: at the Interface between Chromosome Attachment and the Spindle Checkpoint. <i>Molecular and Cellular Biology</i> , 2011, 31, 3085-3093.	2.3	104
28	Quantitative Mass Spectrometry Analysis Reveals Similar Substrate Consensus Motif for Human Mps1 Kinase and Plk1. <i>PLoS ONE</i> , 2011, 6, e18793.	2.5	65
29	Uncoupling of the spindle-checkpoint and chromosome-congression functions of BubR1. <i>Journal of Cell Science</i> , 2010, 123, 84-94.	2.0	100
30	Tension-sensitive Plk1 phosphorylation on BubR1 regulates the stability of kinetochore-microtubule interactions. <i>Genes and Development</i> , 2007, 21, 2205-2219.	5.9	271
31	Tissue transglutaminase clusters soluble A-type ephrins into functionally active high molecular weight oligomers. <i>Experimental Cell Research</i> , 2007, 313, 4170-4179.	2.6	27
32	Nonsense-mediated decay microarray analysis identifies mutations of EPHB2 in human prostate cancer. <i>Nature Genetics</i> , 2004, 36, 979-983.	21.4	180
33	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.	3.4	62
34	The Receptor Tyrosine Kinase EphB2 Regulates NMDA-Dependent Synaptic Function. <i>Neuron</i> , 2001, 32, 1041-1056.	8.1	297
35	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.	2.3	173
36	Minimal catalytic domain of N-acetylglucosaminyltransferase V. <i>Glycobiology</i> , 2000, 10, 595-599.	2.5	29