

# Jeffrey A Frost

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,300  
citations

430874

18  
h-index

395702

33  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1796  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Effects of PAK1-activating Mutations Reveal Activity-dependent and -independent Effects on Cytoskeletal Regulation. <i>Journal of Biological Chemistry</i> , 1998, 273, 28191-28198.	3.4	183
2	B-Raf and Raf-1 Are Regulated by Distinct Autoregulatory Mechanisms. <i>Journal of Biological Chemistry</i> , 2005, 280, 16244-16253.	3.4	125
3	Persistent Pain after Spinal Cord Injury Is Maintained by Primary Afferent Activity. <i>Journal of Neuroscience</i> , 2014, 34, 10765-10769.	3.6	118
4	Phosphorylation of Raf-1 by p21-activated Kinase 1 and Src Regulates Raf-1 Autoinhibition. <i>Journal of Biological Chemistry</i> , 2003, 278, 11221-11226.	3.4	93
5	Cdc42-Interacting Protein 4 Promotes Breast Cancer Cell Invasion and Formation of Invadopodia through Activation of N-WASp. <i>Cancer Research</i> , 2010, 70, 8347-8356.	0.9	92
6	PAK1 Negatively Regulates the Activity of the Rho Exchange Factor NET1. <i>Journal of Biological Chemistry</i> , 2005, 280, 12152-12161.	3.4	69
7	A Bacterial Cytotoxin Identifies the RhoA Exchange Factor Net1 as a Key Effector in the Response to DNA Damage. <i>PLoS ONE</i> , 2008, 3, e2254.	2.5	69
8	p21 activated kinase 5 activates Raf-1 and targets it to mitochondria. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 167-175.	2.6	52
9	Regulation of Focal Adhesion Kinase Activation, Breast Cancer Cell Motility, and Amoeboid Invasion by the RhoA Guanine Nucleotide Exchange Factor Net1. <i>Molecular and Cellular Biology</i> , 2013, 33, 2773-2786.	2.3	51
10	The Nuclear RhoA Exchange Factor Net1 Interacts with Proteins of theDlg Family, Affects Their Localization, and Influences Their Tumor Suppressor Activity. <i>Molecular and Cellular Biology</i> , 2007, 27, 8683-8697.	2.3	43
11	Characterization of the Biochemical and Transforming Properties of the Neuroepithelial Transforming Protein 1. <i>Journal of Biological Chemistry</i> , 2005, 280, 7603-7613.	3.4	42
12	Coexpression of $\alpha 6 \beta 4$ Integrin and Guanine Nucleotide Exchange Factor Net1 Identifies Node-Positive Breast Cancer Patients at High Risk for Distant Metastasis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 80-86.	2.5	41
13	Sphingomyelin Metabolism Is a Regulator of K-Ras Function. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	40
14	Multiple Rho proteins regulate the subcellular targeting of PAK5. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 328-335.	2.1	38
15	Acetylation of the RhoA GEF Net1A controls its subcellular localization and activity. <i>Journal of Cell Science</i> , 2015, 128, 913-22.	2.0	29
16	Interaction of the RhoA Exchange Factor Net1 with Discs Large Homolog 1 Protects It from Proteasome-mediated Degradation and Potentiates Net1 Activity. <i>Journal of Biological Chemistry</i> , 2009, 284, 24269-24280.	3.4	27
17	Rac1 Controls the Subcellular Localization of the Rho Guanine Nucleotide Exchange Factor Net1A To Regulate Focal Adhesion Formation and Cell Spreading. <i>Molecular and Cellular Biology</i> , 2013, 33, 622-634.	2.3	27
18	Controlling the switches: Rho GTPase regulation during animal cell mitosis. <i>Cellular Signalling</i> , 2014, 26, 2998-3006.	3.6	23

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19	Minireview: Mouse Models of Rho GTPase Function in Mammary Gland Development, Tumorigenesis, and Metastasis. <i>Molecular Endocrinology</i> , 2016, 30, 278-289.	3.7	16
20	Cancer-Induced Muscle Wasting Requires p38 <sup>Î²</sup> MAPK Activation of p300. <i>Cancer Research</i> , 2021, 81, 885-897.	0.9	16
21	The RhoGEF Net1 Is Required for Normal Mammary Gland Development. <i>Molecular Endocrinology</i> , 2014, 28, 1948-1960.	3.7	15
22	Contributions of the RhoA guanine nucleotide exchange factor Net1 to polyoma middle T antigen-mediated mammary gland tumorigenesis and metastasis. <i>Breast Cancer Research</i> , 2018, 20, 41.	5.0	15
23	Rho GTPase-independent regulation of mitotic progression by the RhoGEF Net1. <i>Molecular Biology of the Cell</i> , 2013, 24, 2655-2667.	2.1	13
24	Rho GTPase independent regulation of ATM activation and cell survival by the RhoGEF Net1A. <i>Cell Cycle</i> , 2014, 13, 2765-2772.	2.6	11
25	Regulation of Somatostatin Receptor 2 Trafficking by C-Tail Motifs and the Retromer. <i>Endocrinology</i> , 2019, 160, 1031-1043.	2.8	10
26	Regulation of RhoA activation and cytoskeletal organization by acetylation. <i>Small GTPases</i> , 2016, 7, 76-81.	1.6	8
27	Regulation of RhoA activation and cell motility by c-Jun N-terminal kinases and Net1. <i>Small GTPases</i> , 2020, 11, 385-391.	1.6	8
28	Scaffold repurposing of fendiline: Identification of potent KRAS plasma membrane localization inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113381.	5.5	7
29	Genetic deletion of the Rho GEF <i>Net1</i> impairs mouse macrophage motility and actin cytoskeletal organization. <i>Small GTPases</i> , 2020, 11, 293-300.	1.6	6
30	Stress activated MAPKs and CRM1 regulate Net1A subcellular localization to control cell motility and invasion. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	5
31	The PDZ Domain Protein SYNJ2BP Regulates GRK-Dependent Sst2A Phosphorylation and Downstream MAPK Signaling. <i>Endocrinology</i> , 2021, 162, .	2.8	4
32	Cdk1 phosphorylation negatively regulates the activity of Net1 towards RhoA during mitosis. <i>Cellular Signalling</i> , 2021, 80, 109926.	3.6	3
33	Timing is everything. <i>Cell Adhesion and Migration</i> , 2013, 7, 351-356.	2.7	1
34	Real-Time Signaling Assays Demonstrate Somatostatin Agonist Bias for Ion Channel Regulation in Somatotroph Tumor Cells. <i>Journal of the Endocrine Society</i> , 2018, 2, 779-793.	0.2	0
35	Net1. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	0
36	Net1 (Neuroepithelial Cell Transforming Gene 1 Protein). , 2016, , 1-8.		0

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37	Net1 (Neuroepithelial Cell Transforming Gene 1 Protein). , 2018, , 3419-3426.		0