

# Jeffrey Field

## List of Publications by Year in descending order

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47  
papers

3,066  
citations

186265

28  
h-index

265206

42  
g-index

47  
all docs

47  
docs citations

47  
times ranked

4247  
citing authors

#	ARTICLE	IF	CITATIONS
1	A homozygous <i>CAP2</i> pathogenic variant in a neonate presenting with rapidly progressive cardiomyopathy and nemaline rods. <i>American Journal of Medical Genetics, Part A</i> , 2022, 188, 970-977.	1.2	6
2	Targeting mTOR signaling overcomes acquired resistance to combined BRAF and MEK inhibition in BRAF-mutant melanoma. <i>Oncogene</i> , 2021, 40, 5590-5599.	5.9	33
3	Polo-like kinase 1 as a therapeutic target for malignant peripheral nerve sheath tumors (MPNST) and schwannomas. <i>American Journal of Cancer Research</i> , 2020, 10, 856-869.	1.4	2
4	Cadmium favors F-actin depolymerization in rat renal mesangial cells by site-specific, disulfide-based dimerization of the CAP1 protein. <i>Archives of Toxicology</i> , 2018, 92, 1049-1064.	4.2	16
5	Phosphorylation of the Cytoskeletal Protein CAP1 Regulates Non-Small Cell Lung Cancer Survival and Proliferation by GSK3 $\beta$ . <i>Journal of Cancer</i> , 2018, 9, 2825-2833.	2.5	8
6	PAKs. , 2018, , 3776-3785.		0
7	PAK signalling drives acquired drug resistance to MAPK inhibitors in BRAF-mutant melanomas. <i>Nature</i> , 2017, 550, 133-136.	27.8	146
8	Comprehensive pharmacological profiling of neurofibromatosis cell lines. <i>American Journal of Cancer Research</i> , 2017, 7, 923-934.	1.4	14
9	PAKs. , 2016, , 1-10.		2
10	CAP2 in cardiac conduction, sudden cardiac death and eye development. <i>Scientific Reports</i> , 2015, 5, 17256.	3.3	37
11	Mammalian CAP (Cyclase-associated protein) in the world of cell migration. <i>Cell Adhesion and Migration</i> , 2014, 8, 55-59.	2.7	23
12	Phosphorylation of the cytoskeletal protein CAP1 controls its association with cofilin and actin. <i>Journal of Cell Science</i> , 2014, 127, 5052-65.	2.0	29
13	FRAX597, a Small Molecule Inhibitor of the p21-activated Kinases, Inhibits Tumorigenesis of Neurofibromatosis Type 2 (NF2)-associated Schwannomas. <i>Journal of Biological Chemistry</i> , 2013, 288, 29105-29114.	3.4	110
14	The role of base excision repair genes OGG1, APN1 and APN2 in benzo[a]pyrene-7,8-dione induced p53 mutagenesis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 750, 121-128.	1.7	12
15	Mammalian Adenylyl Cyclase-associated Protein 1 (CAP1) Regulates Cofilin Function, the Actin Cytoskeleton, and Cell Adhesion. <i>Journal of Biological Chemistry</i> , 2013, 288, 20966-20977.	3.4	80
16	The PAKs come of age. <i>Cellular Logistics</i> , 2012, 2, 54-58.	0.9	20
17	Aldo-Keto Reductases Protect Lung Adenocarcinoma Cells from the Acute Toxicity of B[a]P-7,8-trans-Dihydrodiol. <i>Chemical Research in Toxicology</i> , 2012, 25, 113-121.	3.3	17
18	<i>p53</i> Mutagenesis by Benzo[a]pyrene Derived Radical Cations. <i>Chemical Research in Toxicology</i> , 2012, 25, 2117-2126.	3.3	24

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19	PAK signaling in cancer. Cellular Logistics, 2012, 2, 105-116.	0.9	182
20	p53 and Ras Mutations in Cancer and Experimental Carcinogenesis. , 2011, , 401-422.		0
21	p21-Activated Kinase 1 (Pak1) Phosphorylates BAD Directly at Serine 111 In Vitro and Indirectly through Raf-1 at Serine 112. PLoS ONE, 2011, 6, e27637.	2.5	41
22	Oxidation of Akt2 kinase promotes cell migration and regulates G <sub>1</sub> -S transition in the cell cycle. Cell Cycle, 2011, 10, 3263-3268.	2.6	30
23	Pak protein kinases and their role in cancer. Cancer and Metastasis Reviews, 2009, 28, 51-63.	5.9	230
24	The Pattern of p53 Mutations Caused by PAH-Quinones is Driven by 8-oxo-dGuo Formation while the Spectrum of Mutations is Determined by Biological Selection for Dominance. Chemical Research in Toxicology, 2008, 21, 1039-1049.	3.3	44
25	Mitochondrial shuttling of CAP1 promotes actin- and cofilin-dependent apoptosis. Journal of Cell Science, 2008, 121, 2913-2920.	2.0	79
26	Comparison of p53 Mutations Induced by PAH-Quinones with Those Caused by anti-Benzo[a]pyrene Diol Epoxide in Vitro: A Role of Reactive Oxygen and Biological Selection. Chemical Research in Toxicology, 2006, 19, 1441-1450.	3.3	59
27	Schwann cells: Origins and role in axonal maintenance and regeneration. International Journal of Biochemistry and Cell Biology, 2006, 38, 1995-1999.	2.8	240
28	cGMP-dependent Protein Kinase Phosphorylates p21-activated Kinase (Pak) 1, Inhibiting Pak/Nck Binding and Stimulating Pak/Vasodilator-stimulated Phosphoprotein Association. Journal of Biological Chemistry, 2006, 281, 11487-11495.	3.4	37
29	Opposing Roles for Akt1 and Akt2 in Rac/Pak Signaling and Cell Migration. Journal of Biological Chemistry, 2006, 281, 36443-36453.	3.4	122
30	p21-activated Kinase 1 (Pak1)-dependent Phosphorylation of Raf-1 Regulates Its Mitochondrial Localization, Phosphorylation of BAD, and Bcl-2 Association. Journal of Biological Chemistry, 2005, 280, 24698-24705.	3.4	130
31	Rho, Rac, Pak and angiogenesis: old roles and newly identified responsibilities in endothelial cells. Cancer Letters, 2005, 229, 13-23.	7.2	85
32	c-Abl phosphorylates Dok1 to promote filopodia during cell spreading. Journal of Cell Biology, 2004, 165, 493-503.	5.2	74
33	Targeting PAK. Cancer Biology and Therapy, 2004, 3, 102-103.	3.4	2
34	Akt Phosphorylation of Serine 21 on Pak1 Modulates Nck Binding and Cell Migration. Molecular and Cellular Biology, 2003, 23, 8058-8069.	2.3	148
35	Activation of p21-activated kinase 1-nuclear factor kappaB signaling by Kaposi's sarcoma-associated herpes virus G protein-coupled receptor during cellular transformation. Cancer Research, 2003, 63, 8837-47.	0.9	49
36	Reactive Oxygen Species Generated by PAH-Quinones Cause Change-In-Function Mutations in p53. Chemical Research in Toxicology, 2002, 15, 832-842.	3.3	113

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37	Ras activation of PAK protein kinases. <i>Methods in Enzymology</i> , 2001, 333, 55-61.	1.0	0
38	Mammalian homolog of the yeast cyclase associated protein, CAP/Srv2p, regulates actin filament assembly. <i>Cytoskeleton</i> , 2000, 45, 106-120.	4.4	51
39	The Akt Proto-oncogene Links Ras to Pak and Cell Survival Signals. <i>Journal of Biological Chemistry</i> , 2000, 275, 9106-9109.	3.4	198
40	A Cytoskeletal Localizing Domain in the Cyclase-associated Protein, CAP/Srv2p, Regulates Access to a Distant SH3-binding Site. <i>Journal of Biological Chemistry</i> , 1999, 274, 19985-19991.	3.4	38
41	The SH3 Domain of the <i>S. cerevisiae</i> Cdc25p Binds Adenylyl Cyclase and Facilitates Ras Regulation of cAMP Signalling. <i>Cellular Signalling</i> , 1999, 11, 127-135.	3.6	28
42	Signals from the Ras, Rac, and Rho GTPases Converge on the Pak Protein Kinase in Rat-1 Fibroblasts. <i>Molecular and Cellular Biology</i> , 1999, 19, 1881-1891.	2.3	129
43	[47] Yeast adenylyl cyclase assays. <i>Methods in Enzymology</i> , 1995, 255, 468-476.	1.0	4
44	An Actin Monomer Binding Activity Localizes to the Carboxyl-terminal Half of the <i>Saccharomyces cerevisiae</i> Cyclase-associated Protein. <i>Journal of Biological Chemistry</i> , 1995, 270, 5680-5685.	3.4	123
45	Interactions between adenylyl cyclase, cap and ras from <i>Saccharomyces cerevisiae</i> . <i>Cellular Signalling</i> , 1994, 6, 681-694.	3.6	45
46	Evidence for a functional link between profilin and CAP in the yeast <i>S. cerevisiae</i> . <i>Cell</i> , 1991, 66, 497-505.	28.9	206
47	CAP1. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	0