Jeffrey Field

List of Publications by Year
in descending order

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	Schwann cells: Origins and role in axonal maintenance and regeneration. International Journal of Biochemistry and Cell Biology, 2006, 38, 1995-1999.	2.8	240
2	Pak protein kinases and their role in cancer. Cancer and Metastasis Reviews, 2009, 28, 51-63.	5.9	230
3	Evidence for a functional link between profilin and CAP in the yeast S. cerevisiae. Cell, 1991, 66, 497-505.	28.9	206
4	The Akt Proto-oncogene Links Ras to Pak and Cell Survival Signals. Journal of Biological Chemistry, 2000, 275, 9106-9109.	3.4	198
5	PAK signaling in cancer. Cellular Logistics, 2012, 2, 105-116.	0.9	182
6	Akt Phosphorylation of Serine 21 on Pak1 Modulates Nck Binding and Cell Migration. Molecular and Cellular Biology, 2003, 23, 8058-8069.	2.3	148
7	PAK signalling drives acquired drug resistance to MAPK inhibitors in BRAF-mutant melanomas. Nature, 2017, 550, 133-136.	27.8	146
8	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
9	Signals from the Ras, Rac, and Rho GTPases Converge on the Pak Protein Kinase in Rat-1 Fibroblasts. Molecular and Cellular Biology, 1999, 19, 1881-1891.	2.3	129
10	An Actin Monomer Binding Activity Localizes to the Carboxyl-terminal Half of the Saccharomyces cerevisiae Cyclase-associated Protein. Journal of Biological Chemistry, 1995, 270, 5680-5685.	3.4	123
11	Opposing Roles for Akt1 and Akt2 in Rac/Pak Signaling and Cell Migration. Journal of Biological Chemistry, 2006, 281, 36443-36453.	3.4	122
12	Reactive Oxygen Species Generated by PAH o-Quinones Cause Change-In-Function Mutations in p53. Chemical Research in Toxicology, 2002, 15, 832-842.	3.3	113
13	FRAX597, a Small Molecule Inhibitor of the p21-activated Kinases, Inhibits Tumorigenesis of Neurofibromatosis Type 2 (NF2)-associated Schwannomas. Journal of Biological Chemistry, 2013, 288, 29105-29114.	3.4	110
14	Rho, Rac, Pak and angiogenesis: old roles and newly identified responsibilities in endothelial cells. Cancer Letters, 2005, 229, 13-23.	7.2	85
15	Mammalian Adenylyl Cyclase-associated Protein 1 (CAP1) Regulates Cofilin Function, the Actin Cytoskeleton, and Cell Adhesion. Journal of Biological Chemistry, 2013, 288, 20966-20977.	3.4	80
16	Mitochondrial shuttling of CAP1 promotes actin- and cofilin-dependent apoptosis. Journal of Cell Science, 2008, 121, 2913-2920.	2.0	79
17	c-Abl phosphorylates Dok1 to promote filopodia during cell spreading. Journal of Cell Biology, 2004, 165, 493-503.	5.2	74
18	Comparison of p53 Mutations Induced by PAHo-Quinones with Those Caused byanti-Benzo[a]pyrene Diol Epoxide in Vitro:Â Role of Reactive Oxygen and Biological Selection. Chemical Research in Toxicology, 2006, 19, 1441-1450.	3.3	59

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19	Mammalian homolog of the yeast cyclase associated protein, CAP/Srv2p, regulates actin filament assembly. Cytoskeleton, 2000, 45, 106-120.	4.4	51
20	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
21	Interactions between adenylyl cyclase, cap and ras from Saccharomyces cerevisiae. Cellular Signalling, 1994, 6, 681-694.	3.6	45
22	The Pattern of p53 Mutations Caused by PAH o-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
23	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
24	A Cytoskeletal Localizing Domain in the Cyclase-associated Protein, CAP/Srv2p, Regulates Access to a Distant SH3-binding Site. Journal of Biological Chemistry, 1999, 274, 19985-19991.	3.4	38
25	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
26	CAP2 in cardiac conduction, sudden cardiac death and eye development. Scientific Reports, 2015, 5, 17256.	3.3	37
27	Targeting mTOR signaling overcomes acquired resistance to combined BRAF and MEK inhibition in BRAF-mutant melanoma. Oncogene, 2021, 40, 5590-5599.	5.9	33
28	Oxidation of Akt2 kinase promotes cell migration and regulates G₁-S transition in the cell cycle. Cell Cycle, 2011, 10, 3263-3268.	2.6	30
29	Phosphorylation of the cytoskeletal protein CAP1 controls its association with cofilin and actin. Journal of Cell Science, 2014, 127, 5052-65.	2.0	29
30	The SH3 Domain of the S. cerevisiae Cdc25p Binds Adenylyl Cyclase and Facilitates Ras Regulation of cAMP Signalling. Cellular Signalling, 1999, 11, 127-135.	3.6	28
31	p53 Mutagenesis by Benzo[a]pyrene Derived Radical Cations. Chemical Research in Toxicology, 2012, 25, 2117-2126.	3.3	24
32	Mammalian CAP (Cyclase-associated protein) in the world of cell migration. Cell Adhesion and Migration, 2014, 8, 55-59.	2.7	23
33	The PAKs come of age. Cellular Logistics, 2012, 2, 54-58.	0.9	20
34	Aldo-Keto Reductases Protect Lung Adenocarcinoma Cells from the Acute Toxicity of B[a]P-7,8-trans-Dihydrodiol. Chemical Research in Toxicology, 2012, 25, 113-121.	3.3	17
35	Cadmium favors F-actin depolymerization in rat renal mesangial cells by site-specific, disulfide-based dimerization of the CAP1 protein. Archives of Toxicology, 2018, 92, 1049-1064.	4.2	16
36	Comprehensive pharmacological profiling of neurofibromatosis cell lines. American Journal of Cancer Research, 2017, 7, 923-934.	1.4	14

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37	The role of base excision repair genes OGG1, APN1 and APN2 in benzo[a]pyrene-7,8-dione induced p53 mutagenesis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 750, 121-128.	1.7	12
38	Phosphorylation of the Cytoskeletal Protein CAP1 Regulates Non-Small Cell Lung Cancer Survival and Proliferation by GSK3Î². Journal of Cancer, 2018, 9, 2825-2833.	2.5	8
39	A homozygous CAP2 pathogenic variant in a neonate presenting with rapidly progressive cardiomyopathy and nemaline rods. American Journal of Medical Genetics, Part A, 2022, 188, 970-977.	1.2	6
40	[47] Yeast adenylyl cyclase assays. Methods in Enzymology, 1995, 255, 468-476.	1.0	4
41	Targeting PAK etkâ€¦. Cancer Biology and Therapy, 2004, 3, 102-103.	3.4	2
42	PAKs. , 2016, , 1-10.		2
43	Polo-like kinase 1 as a therapeutic target for malignant peripheral nerve sheath tumors (MPNST) and schwannomas. American Journal of Cancer Research, 2020, 10, 856-869.	1.4	2
44	Ras activation of PAK protein kinases. Methods in Enzymology, 2001, 333, 55-61.	1.0	0
45	p53 and Ras Mutations in Cancer and Experimental Carcinogenesis. , 2011, , 401-422.		0
46	CAP1. The AFCS-nature Molecule Pages, 0, , .	0.2	0
47	PAKs. , 2018, , 3776-3785.		0