

Claire M Wells

List of Publications by Year in descending order

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36
papers

1,695
citations

304743

22
h-index

345221

36
g-index

37
all docs

37
docs citations

37
times ranked

2563
citing authors

#	ARTICLE	IF	CITATIONS
1	Rac1 and Rac2 regulate macrophage morphology but are not essential for migration. <i>Journal of Cell Science</i> , 2006, 119, 2749-2757.	2.0	168
2	Rac1-deficient macrophages exhibit defects in cell spreading and membrane ruffling but not migration. <i>Journal of Cell Science</i> , 2004, 117, 1259-1268.	2.0	162
3	A PAK4-LIMK1 pathway drives prostate cancer cell migration downstream of HGF. <i>Cellular Signalling</i> , 2008, 20, 1320-1328.	3.6	121
4	The emerging importance of group II PAKs. <i>Biochemical Journal</i> , 2010, 425, 465-473.	3.7	121
5	PAK4 is activated via PI3K in HGF-stimulated epithelial cells. <i>Journal of Cell Science</i> , 2002, 115, 3947-3956.	2.0	99
6	PAK4: a pluripotent kinase that regulates prostate cancer cell adhesion. <i>Journal of Cell Science</i> , 2010, 123, 1663-1673.	2.0	88
7	Role of p-21-Activated Kinases in Cancer Progression. <i>International Review of Cell and Molecular Biology</i> , 2014, 309, 347-387.	3.2	85
8	Signalling to cancer cell invasion through PAK family kinases. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 849.	3.0	82
9	P21-activated kinase 4 Not just one of the PAK. <i>European Journal of Cell Biology</i> , 2013, 92, 129-138.	3.6	75
10	PAK4 promotes kinase-independent stabilization of RhoU to modulate cell adhesion. <i>Journal of Cell Biology</i> , 2015, 211, 863-879.	5.2	61
11	A novel role for atypical MAPK kinase ERK3 in regulating breast cancer cell morphology and migration. <i>Cell Adhesion and Migration</i> , 2015, 9, 483-494.	2.7	55
12	LIMK Regulates Tumor-Cell Invasion and Matrix Degradation Through Tyrosine Phosphorylation of MT1-MMP. <i>Scientific Reports</i> , 2016, 6, 24925.	3.3	54
13	Exosome-mediated RNAi of PAK4 prolongs survival of pancreatic cancer mouse model after loco-regional treatment. <i>Biomaterials</i> , 2021, 264, 120369.	11.4	44
14	Vav1 and Vav2 play different roles in macrophage migration and cytoskeletal organization. <i>Experimental Cell Research</i> , 2005, 310, 303-310.	2.6	40
15	Hypoxia-induced invadopodia formation: a role for Î²-PIX. <i>Open Biology</i> , 2013, 3, 120159.	3.6	37
16	Lipogenic signalling modulates prostate cancer cell adhesion and migration via modification of Rho GTPases. <i>Oncogene</i> , 2020, 39, 3666-3679.	5.9	35
17	PAK4 interacts with p85 alpha: implications for pancreatic cancer cell migration. <i>Scientific Reports</i> , 2017, 7, 42575.	3.3	34
18	A PAK6-IQGAP1 complex promotes disassembly of cell-cell adhesions. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2759-2773.	5.4	32

#	ARTICLE	IF	CITATIONS
19	Deciphering the link between PI3K and PAK: An opportunity to target key pathways in pancreatic cancer?. <i>Oncotarget</i> , 2017, 8, 14173-14191.	1.8	31
20	The intellectual disability protein PAK3 regulates oligodendrocyte precursor cell differentiation. <i>Neurobiology of Disease</i> , 2017, 98, 137-148.	4.4	27
21	Engineering Pak1 Allosteric Switches. <i>ACS Synthetic Biology</i> , 2017, 6, 1257-1262.	3.8	26
22	PAK4 suppresses PDZ-RhoGEF activity to drive invadopodia maturation in melanoma cells. <i>Oncotarget</i> , 2016, 7, 70881-70897.	1.8	26
23	Nox2 Is Required for Macrophage Chemotaxis towards CSF-1. <i>PLoS ONE</i> , 2013, 8, e54869.	2.5	24
24	PAK4 Kinase Activity Plays a Crucial Role in the Podosome Ring of Myeloid Cells. <i>Cell Reports</i> , 2019, 29, 3385-3393.e6.	6.4	20
25	Significance of kinase activity in the dynamic invadosome. <i>European Journal of Cell Biology</i> , 2016, 95, 483-492.	3.6	19
26	PAK5 mediates cell: cell adhesion integrity via interaction with E-cadherin in bladder cancer cells. <i>Biochemical Journal</i> , 2017, 474, 1333-1346.	3.7	19
27	TIMP-2 secreted by monocyte-like cells is a potent suppressor of invadopodia formation in pancreatic cancer cells. <i>BMC Cancer</i> , 2019, 19, 1214.	2.6	18
28	HGF-Induced DU145 Cell Scatter Assay. <i>Methods in Molecular Biology</i> , 2011, 769, 31-40.	0.9	18
29	ROCK1 and LIMK2 Interact in Spread but Not Blebbing Cancer Cells. <i>PLoS ONE</i> , 2008, 3, e3398.	2.5	18
30	Using the Dunn Chemotaxis Chamber to Analyze Primary Cell Migration in Real Time. <i>Methods in Molecular Biology</i> , 2011, 769, 41-51.	0.9	16
31	PlexinB1 Promotes Nuclear Translocation of the Glucocorticoid Receptor. <i>Cells</i> , 2020, 9, 3.	4.1	12
32	Exploring a role for fatty acid synthase in prostate cancer cell migration. <i>Small GTPases</i> , 2020, 12, 1-8.	1.6	7
33	Differential role for PAK1 and PAK4 during the invadopodia lifecycle. <i>Small GTPases</i> , 2019, 10, 1-7.	1.6	5
34	p21-Activated Kinase 1 Promotes Breast Tumorigenesis via Phosphorylation and Activation of the Calcium/Calmodulin-Dependent Protein Kinase II. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 759259.	3.7	5
35	Invadopodia play a role in prostate cancer progression. <i>BMC Cancer</i> , 2022, 22, 386.	2.6	5
36	PAK-dependent regulation of actin dynamics in breast cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 146, 106207.	2.8	4