Hong-Chen Chen

List of Publications by Year
in descending order

38 papers	2,303 citations	331670 21 h-index	302126 39 g-index
41 all docs	41 docs citations	41 times ranked	2683 citing authors

#	Article	IF	Citations
1	Phosphorylation of Tyrosine 397 in Focal Adhesion Kinase Is Required for Binding Phosphatidylinositol 3-Kinase. Journal of Biological Chemistry, 1996, 271, 26329-26334.	3.4	478
2	Interaction of Focal Adhesion Kinase with Cytoskeletal Protein Talin. Journal of Biological Chemistry, 1995, 270, 16995-16999.	3.4	340
3	Requirement of Phosphatidylinositol 3-Kinase in Focal Adhesion Kinase-promoted Cell Migration. Journal of Biological Chemistry, 1999, 274, 12361-12366.	3.4	247
4	Roles of Rho-associated Kinase and Myosin Light Chain Kinase in Morphological and Migratory Defects of Focal Adhesion Kinase-null Cells. Journal of Biological Chemistry, 2002, 277, 33857-33863.	3.4	138
5	Direct Interaction of Focal Adhesion Kinase (FAK) with Met Is Required for FAK To Promote Hepatocyte Growth Factor-Induced Cell Invasion. Molecular and Cellular Biology, 2006, 26, 5155-5167.	2.3	134
6	Suppression of Ultraviolet Irradiation-induced Apoptosis by Overexpression of Focal Adhesion Kinase in Madin-Darby Canine Kidney Cells. Journal of Biological Chemistry, 1999, 274, 26901-26906.	3.4	101
7	Tyrosine Phosphorylation of Focal Adhesion Kinase Stimulated by Hepatocyte Growth Factor Leads to Mitogen-activated Protein Kinase Activation. Journal of Biological Chemistry, 1998, 273, 25777-25782.	3.4	79
8	Involvement of Focal Adhesion Kinase in Hepatocyte Growth Factor-induced Scatter of Madin-Darby Canine Kidney Cells. Journal of Biological Chemistry, 2000, 275, 7474-7480.	3.4	74
9	Effect of aristolochic acid on intracellular calcium concentration and its links with apoptosis in renal tubular cells. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 2167-2177.	4.9	71
10	FAK is required for the assembly of podosome rosettes. Journal of Cell Biology, 2011, 195, 113-129.	5.2	55
11	Signal Transduction in Cellâ€"Matrix Interactions. International Review of Cytology, 1996, 168, 81-121.	6.2	54
12	Sustained Activation of Extracellular Signal-regulated Kinase Stimulated by Hepatocyte Growth Factor Leads to Integrin Î±2 Expression That Is Involved in Cell Scattering. Journal of Biological Chemistry, 2001, 276, 21146-21152.	3.4	54
13	Adducin-1 is essential for mitotic spindle assembly through its interaction with myosin-X. Journal of Cell Biology, 2014, 204, 19-28.	5.2	42
14	Src Phosphorylates Grb2-associated Binder 1 upon Hepatocyte Growth Factor Stimulation. Journal of Biological Chemistry, 2003, 278, 44075-44082.	3.4	35
15	Crosstalk between hepatocyte growth factor and integrin signaling pathways. Journal of Biomedical Science, 2006, 13, 215-223.	7.0	34
16	Phosphorylation of adducin by protein kinase CÎ´ promotes cell motility. Journal of Cell Science, 2007, 120, 1157-1167.	2.0	34
17	Src and SHP2 coordinately regulate the dynamics and organization of vimentin filaments during cell migration. Oncogene, 2019, 38, 4075-4094.	5.9	30
18	Synergistic Effect of Focal Adhesion Kinase Overexpression and Hepatocyte Growth Factor Stimulation on Cell Transformation. Journal of Biological Chemistry, 2002, 277, 50373-50379.	3.4	25

#	Article	IF	Citations
19	p120RasGAP-Mediated Activation of c-Src Is Critical for Oncogenic Ras to Induce Tumor Invasion. Cancer Research, 2012, 72, 2405-2415.	0.9	23
20	STIM1-dependent Ca2+ signaling regulates podosome formation to facilitate cancer cell invasion. Scientific Reports, 2017, 7, 11523.	3.3	23
21	Role of Î±3Î²1 integrin in tubulogenesis of Madin-Darby canine kidney cells. Kidney International, 2001, 59, 1770-1778.	5.2	22
22	Î±â€Adducin Translocates to the Nucleus upon Loss of Cellâ€"Cell Adhesions. Traffic, 2011, 12, 1327-1340.	2.7	22
23	Biogenesis of podosome rosettes through fission. Scientific Reports, 2018, 8, 524.	3.3	18
24	Functional suppression of E-cadherin by protein kinase CÎ´. Journal of Cell Science, 2009, 122, 513-523.	2.0	17
25	Phosphorylation of E-cadherin at threonine 790 by protein kinase CÎ´ reduces Î²-catenin binding and suppresses the function of E-cadherin. Oncotarget, 2016, 7, 37260-37276.	1.8	17
26	Effect of calcium channel antagonist diltiazem and calcium ionophore A23187 on cyclosporine Aâ€induced apoptosis of renal tubular cells. FEBS Letters, 2002, 516, 191-196.	2.8	16
27	Protein tyrosine phosphatase SHP2 suppresses podosome rosette formation in Src-transformed fibroblasts. Journal of Cell Science, 2013, 126, 657-666.	2.0	16
28	Phosphorylation of moesin by c-Jun N-terminal kinase is important for podosome rosette formation in Src-transformed fibroblasts. Journal of Cell Science, 2013, 126, 5670-80.	2.0	14
29	Differential Effect of the Focal Adhesion Kinase Y397F Mutant on v-Src-Stimulated Cell Invasion and Tumor Growth. Journal of Biomedical Science, 2005, 12, 571-585.	7.0	13
30	Adducin family proteins possess different nuclear export potentials. Journal of Biomedical Science, 2017, 24, 30.	7.0	12
31	Adducinâ€1 is essential for spindle pole integrity through its interaction with TPX2. EMBO Reports, 2018, 19, .	4.5	11
32	Gab1 is essential for membrane translocation, activity and integrity of mTORCs after EGF stimulation in urothelial cell carcinoma. Oncotarget, 2015, 6, 1478-1489.	1.8	11
33	Lamin Aâ€mediated nuclear lamina integrity is required for proper ciliogenesis. EMBO Reports, 2020, 21, e49680.	4.5	10
34	Protein tyrosine phosphatase SHP2 promotes invadopodia formation through suppression of Rho signaling. Oncotarget, 2015, 6, 23845-23856.	1.8	9
35	Blockade of v-Src-stimulated tumor formation by the Src homology 3 domain of Crk-associated substrate (Cas). FEBS Letters, 2004, 557, 221-227.	2.8	7
36	MicroRNAâ€210 repression facilitates advanced glycation endâ€product (AGE)â€induced cardiac mitochondrial dysfunction and apoptosis via JNK activation. Journal of Cellular Biochemistry, 2021, 122, 1873-1885.	2.6	7

#	Article	IF	Citations
37	Tyrosine phosphorylation of lamin A by Src promotes disassembly of nuclear lamina in interphase. Life Science Alliance, 2021, 4, e202101120.	2.8	5
38	Phosphorylation of adducin-1 by cyclin-dependent kinase 5 is important for epidermal growth factor-induced cell migration. Scientific Reports, 2019, 9, 13703.	3.3	4