

Sara A Courtneidge

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

6,820
citations

147801

31
h-index

265206

42
g-index

47
all docs

47
docs citations

47
times ranked

7872
citing authors

#	ARTICLE	IF	CITATIONS
1	The 'ins' and 'outs' of podosomes and invadopodia: characteristics, formation and function. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 413-426.	37.0	917
2	The ADAMs family of metalloproteases: multidomain proteins with multiple functions. <i>Genes and Development</i> , 2003, 17, 7-30.	5.9	916
3	SU6656, a Selective Src Family Kinase Inhibitor, Used To Probe Growth Factor Signaling. <i>Molecular and Cellular Biology</i> , 2000, 20, 9018-9027.	2.3	571
4	The interplay between Src family kinases and receptor tyrosine kinases. <i>Oncogene</i> , 2004, 23, 7957-7968.	5.9	410
5	A target for Src in mitosis. <i>Nature</i> , 1994, 368, 871-874.	27.8	353
6	The adaptor protein Tks5/Fish is required for podosome formation and function, and for the protease-driven invasion of cancer cells. <i>Cancer Cell</i> , 2005, 7, 155-165.	16.8	328
7	Invadopodia Are Required for Cancer Cell Extravasation and Are a Therapeutic Target for Metastasis. <i>Cell Reports</i> , 2014, 8, 1558-1570.	6.4	310
8	Myc but not Fos rescue of PDGF signalling block caused by kinase-inactive Src. <i>Nature</i> , 1995, 378, 509-512.	27.8	307
9	The Adaptor Protein Fish Associates with Members of the ADAMs Family and Localizes to Podosomes of Src-transformed Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 16844-16851.	3.4	218
10	Tks5-Dependent, Nox-Mediated Generation of Reactive Oxygen Species Is Necessary for Invadopodia Formation. <i>Science Signaling</i> , 2009, 2, ra53.	3.6	203
11	Cell fusion potentiates tumor heterogeneity and reveals circulating hybrid cells that correlate with stage and survival. <i>Science Advances</i> , 2018, 4, eaat7828.	10.3	203
12	MicroRNA control of podosome formation in vascular smooth muscle cells in vivo and in vitro. <i>Journal of Cell Biology</i> , 2010, 189, 13-22.	5.2	197
13	Structure-function relationships in Src family and related protein tyrosine kinases. <i>BioEssays</i> , 1995, 17, 321-330.	2.5	195
14	The Novel Adaptor Protein Tks4 (SH3PXD2B) Is Required for Functional Podosome Formation. <i>Molecular Biology of the Cell</i> , 2009, 20, 1302-1311.	2.1	155
15	Notch increases the shedding of HB-EGF by ADAM12 to potentiate invadopodia formation in hypoxia. <i>Journal of Cell Biology</i> , 2013, 201, 279-292.	5.2	136
16	Nck adaptor proteins link Tks5 to invadopodia actin regulation and ECM degradation. <i>Journal of Cell Science</i> , 2009, 122, 2727-2740.	2.0	135
17	Invadosomes are coming: new insights into function and disease relevance. <i>FEBS Journal</i> , 2018, 285, 8-27.	4.7	117
18	A role for the podosome/invadopodia scaffold protein Tks5 in tumor growth in vivo. <i>European Journal of Cell Biology</i> , 2008, 87, 555-567.	3.6	103

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19	A Cell-Based High-Content Screening Assay Reveals Activators and Inhibitors of Cancer Cell Invasion. <i>Science Signaling</i> , 2011, 4, ra49.	3.6	92
20	Novel p47 ^{phox} -Related Organizers Regulate Localized NADPH Oxidase 1 (Nox1) Activity. <i>Science Signaling</i> , 2009, 2, ra54.	3.6	91
21	Disruption of the Podosome Adaptor Protein TKS4 (SH3PXD2B) Causes the Skeletal Dysplasia, Eye, and Cardiac Abnormalities of Frank-Ter Haar Syndrome. <i>American Journal of Human Genetics</i> , 2010, 86, 254-261.	6.2	83
22	A Src-Tks5 Pathway Is Required for Neural Crest Cell Migration during Embryonic Development. <i>PLoS ONE</i> , 2011, 6, e22499.	2.5	80
23	Cell migration and invasion in human disease: the Tks adaptor proteins. <i>Biochemical Society Transactions</i> , 2012, 40, 129-132.	3.4	66
24	ADAM12 induction by TWIST1 promotes tumor invasion and metastasis via regulation of invadopodia and focal adhesions. <i>Journal of Cell Science</i> , 2017, 130, 2036-2048.	2.0	65
25	Regulation of invadopodia by the tumor microenvironment. <i>Cell Adhesion and Migration</i> , 2014, 8, 226-235.	2.7	64
26	Tks5 recruits AFAP-110, p190RhoGAP, and cortactin for podosome formation. <i>Experimental Cell Research</i> , 2009, 315, 2581-2592.	2.6	62
27	Src-dependent Tks5 phosphorylation regulates invadopodia-associated invasion in prostate cancer cells. <i>Prostate</i> , 2014, 74, 134-148.	2.3	60
28	The Invadopodia Scaffold Protein Tks5 Is Required for the Growth of Human Breast Cancer Cells In Vitro and In Vivo. <i>PLoS ONE</i> , 2015, 10, e0121003.	2.5	54
29	No requirement for Src family kinases for PDGF signaling in fibroblasts expressing SV40 large T antigen. <i>Oncogene</i> , 2000, 19, 2867-2869.	5.9	48
30	The role of Tks adaptor proteins in invadopodia formation, growth and metastasis of melanoma. <i>Oncotarget</i> , 2016, 7, 78473-78486.	1.8	46
31	The Purification and Characterization of the Catalytic Domain of Src Expressed in <i>Schizosaccharomyces Pombe</i> . Comparison of Unphosphorylated and Tyrosine Phosphorylated Species. <i>FEBS Journal</i> , 1996, 240, 756-764.	0.2	36
32	Genetic Disruption of the Sh3pxd2a Gene Reveals an Essential Role in Mouse Development and the Existence of a Novel Isoform of Tks5. <i>PLoS ONE</i> , 2014, 9, e107674.	2.5	33
33	Tks adaptor proteins at a glance. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	32
34	The Src family of protein tyrosine kinases: regulation and functions. <i>Development (Cambridge)</i> , 1993, 119, 57-64.	2.5	29
35	Platelet-derived Growth Factor Stimulates Src-dependent mRNA Stabilization of Specific Early Genes in Fibroblasts. <i>Journal of Biological Chemistry</i> , 2005, 280, 10253-10263.	3.4	24
36	Induction of interleukin-2 transcription by the hamster polyomavirus middle T antigen: a role for Fyn in T cell signal transduction. <i>European Journal of Immunology</i> , 1995, 25, 385-393.	2.9	23

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37	SRC Increases <i>MYC</i> mRNA Expression in Estrogen Receptor-Positive Breast Cancer via mRNA Stabilization and Inhibition of p53 Function. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	12
38	Induction of anaplastic lymphoma kinase (ALK) as a novel mechanism of EGFR inhibitor resistance in head and neck squamous cell carcinoma patient-derived models. <i>Cancer Biology and Therapy</i> , 2018, 19, 921-933.	3.4	12
39	Crosstalk between invadopodia and the extracellular matrix. <i>European Journal of Cell Biology</i> , 2020, 99, 151122.	3.6	11
40	Podosomal proteins as causes of human syndromes: A role in craniofacial development?. <i>Genesis</i> , 2011, 49, 209-221.	1.6	10
41	Serine-Threonine Kinase TAO3-Mediated Trafficking of Endosomes Containing the Invadopodia Scaffold TKS5 [±] Promotes Cancer Invasion and Tumor Growth. <i>Cancer Research</i> , 2021, 81, 1472-1485.	0.9	10
42	Megakaryocytes form linear podosomes devoid of digestive properties to remodel medullar matrix. <i>Scientific Reports</i> , 2022, 12, 6255.	3.3	3