Christopher E Turner

List of Publications by Year
in descending order

83 papers	9,268 citations	47006 47 h-index	60623 81 g-index
112 all docs	112 docs citations	112 times ranked	7995 citing authors

#	Article	IF	Citations
1	Paxillin promotes breast tumor collective cell invasion through maintenance of adherens junction integrity. Molecular Biology of the Cell, 2022, 33, mbcE21090432.	2.1	10
2	Paxillin family of focal adhesion adaptor proteins and regulation of cancer cell invasion. International Review of Cell and Molecular Biology, 2020, 355, 1-52.	3.2	28
3	The focal adhesion scaffold protein Hic-5 regulates vimentin organization in fibroblasts. Molecular Biology of the Cell, 2019, 30, 3037-3056.	2.1	13
4	Hic-5 regulates Src-induced invadopodia rosette formation and organization. Molecular Biology of the Cell, 2019, 30, 1298-1313.	2.1	7
5	Nuclear position relative to the Golgi body and nuclear orientation are differentially responsive indicators of cell polarized motility. PLoS ONE, 2019, 14, e0211408.	2.5	13
6	Paxillin-dependent regulation of apical-basal polarity in mammary gland morphogenesis. Development (Cambridge), 2019, 146, .	2.5	9
7	Hic-5 regulates fibrillar adhesion formation to control tumor extracellular matrix remodeling through interaction with tensin1. Oncogene, 2018, 37, 1699-1713.	5.9	32
8	Hic-5 expression is a major indicator of cancer cell morphology, migration, and plasticity in three-dimensional matrices. Molecular Biology of the Cell, 2018, 29, 1704-1717.	2.1	33
9	Paxillin genes and actomyosin contractility regulate myotome morphogenesis in zebrafish. Developmental Biology, 2017, 425, 70-84.	2.0	6
10	Paxillin regulates cell polarization and anterograde vesicle trafficking during cell migration. Molecular Biology of the Cell, 2017, 28, 3815-3831.	2.1	26
11	Neural-specific deletion of the focal adhesion adaptor protein paxillin slows migration speed and delays cortical layer formation. Development (Cambridge), 2017, 144, 4002-4014.	2.5	15
12	On-command on/off switching of progenitor cell and cancer cell polarized motility and aligned morphology via a cytocompatible shape memory polymer scaffold. Biomaterials, 2017, 140, 150-161.	11.4	31
13	Evolution and Expression of Paxillin Genes in Teleost Fish. PLoS ONE, 2016, 11, e0165266.	2.5	5
14	Myosin 1e promotes breast cancer malignancy by enhancing tumor cell proliferation and stimulating tumor cell de-differentiation. Oncotarget, 2016, 7, 46419-46432.	1.8	30
15	A Simplified System for Evaluating Cell Mechanosensing and Durotaxis In Vitro. Journal of Visualized Experiments, 2015, , e52949.	0.3	1
16	The Focal Adhesion-Localized CdGAP Regulates Matrix Rigidity Sensing and Durotaxis. PLoS ONE, 2014, 9, e91815.	2.5	51
17	Paxillin inhibits HDAC6 to regulate microtubule acetylation, Golgi structure, and polarized migration. Journal of Cell Biology, 2014, 206, 395-413.	5.2	81
18	Paxillin kinase linker (PKL) regulates Vav2 signaling during cell spreading and migration. Molecular Biology of the Cell, 2013, 24, 1882-1894.	2.1	11

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19	LIM Domains Target Actin Regulators Paxillin and Zyxin to Sites of Stress Fiber Strain. PLoS ONE, 2013, 8, e69378.	2.5	61
20	Diverse Roles for the Paxillin Family of Proteins in Cancer. Genes and Cancer, 2012, 3, 362-370.	1.9	68
21	Actopaxin (Î±-Parvin) Phosphorylation Is Required for Matrix Degradation and Cancer Cell Invasion. Journal of Biological Chemistry, 2012, 287, 37309-37320.	3.4	32
22	CdGAP regulates cell migration and adhesion dynamics in twoâ€and threeâ€dimensional matrix environments. Cytoskeleton, 2012, 69, 644-658.	2.0	15
23	Paxillin and Hic-5 Interaction with Vinculin Is Differentially Regulated by Rac1 and RhoA. PLoS ONE, 2012, 7, e37990.	2.5	54
24	Hic-5 promotes invadopodia formation and invasion during TGF-Î²â€"induced epithelialâ€"mesenchymal transition. Journal of Cell Biology, 2012, 197, 421-437.	5.2	138
25	Beta2-Adaptin Binds Actopaxin and Regulates Cell Spreading, Migration and Matrix Degradation. PLoS ONE, 2012, 7, e46228.	2.5	10
26	The cell adhesion-associated protein Git2 regulates morphogenetic movements during zebrafish embryonic development. Developmental Biology, 2011, 349, 225-237.	2.0	9
27	Distinct roles for paxillin and Hic-5 in regulating breast cancer cell morphology, invasion, and metastasis. Molecular Biology of the Cell, 2011, 22, 327-341.	2.1	151
28	The Focal Adhesion. , 2010, , 1259-1264.		1
29	Emerging role of Paxillin-PKL in regulation of cell adhesion, polarity and migration. Cell Adhesion and Migration, 2010, 4, 342-347.	2.7	13
30	FAK engages multiple pathways to maintain survival of fibroblasts and epithelia â€" differential roles for paxillin and p130Cas. Journal of Cell Science, 2009, 122, 357-367.	2.0	100
31	Paxillin-Kinase-Linker Tyrosine Phosphorylation Regulates Directional Cell Migration. Molecular Biology of the Cell, 2009, 20, 4706-4719.	2.1	52
32	Hic-5 Promotes the Hypertrophic Scar Myofibroblast Phenotype by Regulating the TGF-Î²1 Autocrine Loop. Journal of Investigative Dermatology, 2008, 128, 2518-2525.	0.7	66
33	TGF-Î²1 Slows the Growth of Pathogenic Myofibroblasts through a Mechanism Requiring the Focal Adhesion Protein, Hic-5. Journal of Investigative Dermatology, 2008, 128, 280-291.	0.7	28
34	Paxillin-dependent stimulation of microtubule catastrophes at focal adhesion sites. Journal of Cell Science, 2008, 121, 196-204.	2.0	89
35	Paxillin comes of age. Journal of Cell Science, 2008, 121, 2435-2444.	2.0	429
36	Paxillin-dependent stimulation of microtubule catastrophes at focal adhesion sites. Journal of Cell Science, 2008, 121, 405-405.	2.0	5

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37	Cross talk between paxillin and Rac is critical for mediation of barrier-protective effects by oxidized phospholipids. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L593-L602.	2.9	34
38	Hicâ€5 contributes to epithelialâ€mesenchymal transformation through a RhoA/ROCKâ€dependent pathway. Journal of Cellular Physiology, 2007, 211, 736-747.	4.1	85
39	CdGAP Associates with Actopaxin to Regulate Integrin-Dependent Changes in Cell Morphology and Motility. Current Biology, 2006, 16, 1375-1385.	3.9	51
40	Paxillin is essential for PTP-PEST-dependent regulation of cell spreading and motility: a role for paxillin kinase linker. Journal of Cell Science, 2005, 118, 5835-5847.	2.0	59
41	Src and FAK Kinases Cooperate to Phosphorylate Paxillin Kinase Linker, Stimulate Its Focal Adhesion Localization, and Regulate Cell Spreading and Protrusiveness. Molecular Biology of the Cell, 2005, 16, 4316-4328.	2.1	163
42	Actopaxin Interacts with TESK1 to Regulate Cell Spreading on Fibronectin. Journal of Biological Chemistry, 2005, 280, 21680-21688.	3.4	45
43	Regulation of paxillin family members during epithelial-mesenchymal transformation: a putative role for paxillin Î´. Journal of Cell Science, 2005, 118, 4849-4863.	2.0	73
44	Tyrosine-phosphorylated Hic-5 inhibits epidermal growth factor-induced lamellipodia formation. Experimental Cell Research, 2005, 311, 147-156.	2.6	26
45	Tension development during contractile stimulation of smooth muscle requires recruitment of paxillin and vinculin to the membrane. American Journal of Physiology - Cell Physiology, 2004, 286, C433-C447.	4.6	119
46	Vinculin modulation of paxillinâ€"FAK interactions regulates ERK to control survival and motility. Journal of Cell Biology, 2004, 165, 371-381.	5.2	233
47	Phosphorylation of actopaxin regulates cell spreading and migration. Journal of Cell Biology, 2004, 166, 901-912.	5.2	45
48	The Integrin-linked Kinase Regulates Cell Morphology and Motility in a Rho-associated Kinase-dependent Manner. Journal of Biological Chemistry, 2004, 279, 54131-54139.	3.4	58
49	Paxillin: Adapting to Change. Physiological Reviews, 2004, 84, 1315-1339.	28.8	540
50	FAKâ€"Src signalling through paxillin, ERK and MLCK regulates adhesion disassembly. Nature Cell Biology, 2004, 6, 154-161.	10.3	1,175
51	Integrin-Linked Kinase: A Possible Role in Scar Contracture. Annals of Plastic Surgery, 2004, 52, 204-211.	0.9	5
52	Expression of Nonâ€Phosphorylatable Paxillin Mutants in Canine Tracheal Smooth Muscle Inhibits Tension Development. Journal of Physiology, 2003, 553, 21-35.	2.9	59
53	Crk Associates with a Multimolecular Paxillin/GIT2/Î²-PIX Complex and Promotes Rac-dependent Relocalization of Paxillin to Focal Contacts. Molecular Biology of the Cell, 2003, 14, 2818-2831.	2.1	90
54	Molecular Dissection of Actopaxin-Integrin-linked Kinase-Paxillin Interactions and Their Role in Subcellular Localization. Journal of Biological Chemistry, 2002, 277, 1568-1575.	3.4	120

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55	The Adaptor Protein Paxillin Is Essential for Normal Development in the Mouse and Is a Critical Transducer of Fibronectin Signaling. Molecular and Cellular Biology, 2002, 22, 901-915.	2.3	294
56	Paxillin-dependent Paxillin Kinase Linker and p21-Activated Kinase Localization to Focal Adhesions Involves a Multistep Activation Pathway. Molecular Biology of the Cell, 2002, 13, 1550-1565.	2.1	145
57	Actopaxin is phosphorylated during mitosis and is a substrate for cyclin B1/cdc2 kinase. Biochemical Journal, 2002, 363, 233-242.	3.7	24
58	The paxillin LD motifs. FEBS Letters, 2002, 513, 114-118.	2.8	79
59	Roles for the tubulin- and PTPâ€“PEST-binding paxillin LIM domains in cell adhesion and motility. International Journal of Biochemistry and Cell Biology, 2002, 34, 855-863.	2.8	37
60	Epidermal growth factor stimulates serine/threonine phosphorylation of the focal adhesion protein paxillin in a MEKâ€dependent manner in normal rat kidney cells. Journal of Cellular Physiology, 2002, 191, 82-94.	4.1	12
61	Cell motility: ARNOand ARF6 at the cutting edge. Current Biology, 2001, 11, R875-R877.	3.9	52
62	Paxillinâ€“ARF GAP signaling and the cytoskeleton. Current Opinion in Cell Biology, 2001, 13, 593-599.	5.4	122
63	The LD4 motif of paxillin regulates cell spreading and motility through an interaction with paxillin kinase linker (PKL). Journal of Cell Biology, 2001, 154, 161-176.	5.2	159
64	Integrin-linked Kinase (ILK) Binding to Paxillin LD1 Motif Regulates ILK Localization to Focal Adhesions. Journal of Biological Chemistry, 2001, 276, 23499-23505.	3.4	189
65	Characterization of paxillin LIM domain-associated serine threonine kinases: Activation by angiotensin II in vascular smooth muscle cells. Journal of Cellular Biochemistry, 2000, 76, 99-108.	2.6	11
66	Paxillin and focal adhesion signalling. Nature Cell Biology, 2000, 2, E231-E236.	10.3	709
67	Paxillin Localizes to the Lymphocyte Microtubule Organizing Center and Associates with the Microtubule Cytoskeleton. Journal of Biological Chemistry, 2000, 275, 26436-26440.	3.4	95
68	Phosphorylation of Tyrosine Residues 31 and 118 on Paxillin Regulates Cell Migration through an Association with Crk in Nbt-II Cells. Journal of Cell Biology, 2000, 148, 957-970.	5.2	257
69	Actopaxin, a New Focal Adhesion Protein That Binds Paxillin Ld Motifs and Actin and Regulates Cell Adhesion. Journal of Cell Biology, 2000, 151, 1435-1448.	5.2	189
70	Paxillin interactions. Journal of Cell Science, 2000, 113, 4139-4140.	2.0	320
71	Intact LIM 3 and LIM 4 Domains of Paxillin Are Required for the Association to a Novel Polyproline Region (Pro 2) of Protein-Tyrosine Phosphatase-PEST. Journal of Biological Chemistry, 1999, 274, 20550-20560.	3.4	76
72	Quantitative Changes in Integrin and Focal Adhesion Signaling Regulate Myoblast Cell Cycle Withdrawal. Journal of Cell Biology, 1999, 144, 1295-1309.	5.2	140

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73	Paxillin LD4 Motif Binds PAK and PIX through a Novel 95-kD Ankyrin Repeat, ARFâ€"GAP Protein: A Role in Cytoskeletal Remodeling. Journal of Cell Biology, 1999, 145, 851-863.	5.2	426
74	Activin A and TGF-Î² Stimulate Phosphorylation of Focal Adhesion Proteins and Cytoskeletal Reorganization in Rat Aortic Smooth Muscle Cells. Experimental Cell Research, 1999, 251, 194-202.	2.6	47
75	Paxillin LD motifs may define a new family of protein recognition domains. Nature Structural and Molecular Biology, 1998, 5, 677-678.	8.2	95
76	Association of Bovine Papillomavirus Type 1 E6 oncoprotein with the focal adhesion protein paxillin through a conserved protein interaction motif. Oncogene, 1998, 16, 43-52.	5.9	130
77	Molecules in focus Paxillin. International Journal of Biochemistry and Cell Biology, 1998, 30, 955-959.	2.8	175
78	Serine and Threonine Phosphorylation of the Paxillin LIM Domains Regulates Paxillin Focal Adhesion Localization and Cell Adhesion to Fibronectin. Molecular Biology of the Cell, 1998, 9, 1803-1816.	2.1	125
79	Adhesion of fibroblasts to fibronectin stimulates both serine and tyrosine phosphorylation of paxillin. Biochemical Journal, 1997, 325, 375-381.	3.7	110
80	Characterization of Tyrosine Phosphorylation of Paxillin in Vitro by Focal Adhesion Kinase. Journal of Biological Chemistry, 1995, 270, 17437-17441.	3.4	298
81	Paxillin: A cytoskeletal target for tyrosine kinases. BioEssays, 1994, 16, 47-52.	2.5	153
82	Localization of paxillin, a focal adhesion protein, to smooth muscle dense plaques, and the myotendinous and neuromuscular junctions of skeletal muscle. Experimental Cell Research, 1991, 192, 651-655.	2.6	96
83	The Paxillin Family and Tissue Remodeling. , 0, , 47-69.		0