

Richard G Fehon

List of Publications by Citations

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29
papers

4,124
citations

20
h-index

43
g-index

43
ext. papers

4,594
ext. citations

10.8
avg, IF

5.55
L-index

#	Paper	IF	Citations
29	ERM proteins and merlin: integrators at the cell cortex. <i>Nature Reviews Molecular Cell Biology</i> , 2002 , 3, 586-99	48.7	1318
28	Organizing the cell cortex: the role of ERM proteins. <i>Nature Reviews Molecular Cell Biology</i> , 2010 , 11, 276-87	48.7	729
27	Protein interaction mapping: a Drosophila case study. <i>Genome Research</i> , 2005 , 15, 376-84	9.7	404
26	Moesin functions antagonistically to the Rho pathway to maintain epithelial integrity. <i>Nature</i> , 2003 , 421, 83-7	50.4	205
25	Ezrin, Radixin and Moesin: key regulators of membrane-cortex interactions and signaling. <i>Current Opinion in Cell Biology</i> , 2011 , 23, 377-82	9	196
24	The tumor suppressors Merlin and Expanded function cooperatively to modulate receptor endocytosis and signaling. <i>Current Biology</i> , 2006 , 16, 702-9	6.3	172
23	Tao-1 phosphorylates Hippo/MST kinases to regulate the Hippo-Salvador-Warts tumor suppressor pathway. <i>Developmental Cell</i> , 2011 , 21, 888-95	10.2	167
22	Merlin and the ERM proteins--regulators of receptor distribution and signaling at the cell cortex. <i>Trends in Cell Biology</i> , 2009 , 19, 198-206	18.3	148
21	Structural analysis of Drosophila merlin reveals functional domains important for growth control and subcellular localization. <i>Journal of Cell Biology</i> , 1998 , 141, 1589-99	7.3	126
20	Growth control by committee: intercellular junctions, cell polarity, and the cytoskeleton regulate Hippo signaling. <i>Developmental Cell</i> , 2012 , 22, 695-702	10.2	107
19	Self-masking in an intact ERM-merlin protein: an active role for the central alpha-helical domain. <i>Journal of Molecular Biology</i> , 2007 , 365, 1446-59	6.5	89
18	An MBoC Favorite: Ezrin self-association involves binding of an N-terminal domain to a normally masked C-terminal domain that includes the F-actin binding site. <i>Molecular Biology of the Cell</i> , 2012 , 23, 1607-1607	3.5	78
17	Isolation of mutations in the Drosophila homologues of the human Neurofibromatosis 2 and yeast CDC42 genes using a simple and efficient reverse-genetic method. <i>Genetics</i> , 1997 , 146, 245-52	4	72
16	Rho1 regulates apoptosis via activation of the JNK signaling pathway at the plasma membrane. <i>Journal of Cell Biology</i> , 2010 , 189, 311-23	7.3	61
15	Kibra and Merlin Activate the Hippo Pathway Spatially Distinct from and Independent of Expanded. <i>Developmental Cell</i> , 2017 , 40, 478-490.e3	10.2	52
14	Phosphorylation and activity of the tumor suppressor Merlin and the ERM protein Moesin are coordinately regulated by the Slik kinase. <i>Journal of Cell Biology</i> , 2006 , 175, 305-13	7.3	40
13	Conundrum, an ARHGAP18 orthologue, regulates RhoA and proliferation through interactions with Moesin. <i>Molecular Biology of the Cell</i> , 2013 , 24, 1420-33	3.5	28

12	Yorkie Functions at the Cell Cortex to Promote Myosin Activation in a Non-transcriptional Manner. <i>Developmental Cell</i> , 2018 , 46, 271-284.e5	10.2	23
11	A systematic screen for dominant second-site modifiers of Merlin/NF2 phenotypes reveals an interaction with blistered/DSRF and scribbler. <i>Genetics</i> , 2001 , 158, 667-79	4	21
10	The protein 4.1, ezrin, radixin, moesin (FERM) domain of Drosophila Coracle, a cytoplasmic component of the septate junction, provides functions essential for embryonic development and imaginal cell proliferation. <i>Genetics</i> , 2001 , 159, 219-28	4	20
9	The transmembrane protein Crumbs displays complex dynamics during follicular morphogenesis and is regulated competitively by Moesin and aPKC. <i>Development (Cambridge)</i> , 2015 , 142, 1869-78	6.6	19
8	The palmitoyltransferase Approximated promotes growth via the Hippo pathway by palmitoylation of Fat. <i>Journal of Cell Biology</i> , 2017 , 216, 265-277	7.3	16
7	The novel SH3 domain protein Dlish/CG10933 mediates fat signaling in Drosophila by binding and regulating Dachs. <i>ELife</i> , 2016 , 5,	8.9	12
6	Rho1 activation recapitulates early gastrulation events in the ventral, but not dorsal, epithelium of embryos. <i>ELife</i> , 2020 , 9,	8.9	8
5	FERMing up the plasma membrane. <i>Developmental Cell</i> , 2008 , 14, 154-6	10.2	4
4	In vivo functional analysis of the human NF2 tumor suppressor gene in Drosophila. <i>PLoS ONE</i> , 2014 , 9, e90853	3.7	3
3	The CAF-1 complex couples Hippo pathway target gene expression and DNA replication. <i>Molecular Biology of the Cell</i> , 2019 , 30, 2929-2942	3.5	1
2	Live Imaging of Hippo Pathway Components in Drosophila Imaginal Discs. <i>Methods in Molecular Biology</i> , 2019 , 1893, 53-59	1.4	1
1	The transmembrane protein Crumbs displays complex dynamics during follicular morphogenesis and is regulated competitively by Moesin and aPKC. <i>Journal of Cell Science</i> , 2015 , 128, e1007-e1007	5.3	