Eugen Kerkhoff

List of Publications by Year
in descending order

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33 papers	2,366 citations	361413 20 h-index	414414 32 g-index
37 all docs	37 docs citations	37 times ranked	2961 citing authors

#	Article	IF	Citations
1	Drosophila Spire is an actin nucleation factor. Nature, 2005, 433, 382-388.	27.8	303
2	Orchestration of cell surface proteins by Rab11. Trends in Cell Biology, 2014, 24, 407-415.	7.9	272
3	Cell cycle targets of Ras/Raf signalling. Oncogene, 1998, 17, 1457-1462.	5.9	238
4	Actin assembly mechanisms at a glance. Journal of Cell Science, 2017, 130, 3427-3435.	2.0	229
5	Spire-Type Actin Nucleators Cooperate with Formin-2 to Drive Asymmetric Oocyte Division. Current Biology, 2011, 21, 955-960.	3.9	224
6	Regulatory interactions between two actin nucleators, Spire and Cappuccino. Journal of Cell Biology, 2007, 179, 117-128.	5.2	162
7	Regulation of c-myc expression by Ras/Raf signalling. Oncogene, 1998, 16, 211-216.	5.9	127
8	The p150-Spir protein provides a link between c-Jun N-terminal kinase function and actin reorganization. Current Biology, 2000, 10, 345-348.	3.9	87
9	The Spir actin organizers are involved in vesicle transport processes. Current Biology, 2001, 11, 1963-1968.	3.9	77
10	Identification of a Short Spir Interaction Sequence at the C-terminal End of Formin Subgroup Proteins. Journal of Biological Chemistry, 2009, 284, 25324-25333.	3.4	59
11	Ral and Rho-Dependent Activation of Phospholipase D in v-Raf-Transformed Cells. Biochemical and Biophysical Research Communications, 1999, 255, 502-507.	2.1	53
12	Coordinated recruitment of Spir actin nucleators and myosin V motors to Rab11 vesicle membranes. ELife, 2016, 5, .	6.0	53
13	Overlapping expression pattern of the actin organizers Spir-1 and formin-2 in the developing mouse nervous system and the adult brain. Gene Expression Patterns, 2004, 4, 249-255.	0.8	48
14	Cellular functions of the Spir actin-nucleation factors. Trends in Cell Biology, 2006, 16, 477-483.	7.9	42
15	Constitutive JNK Activation in NIH 3T3 Fibroblasts Induces a Partially Transformed Phenotype. Journal of Biological Chemistry, 2002, 277, 29510-29518.	3.4	37
16	The KIND module: a putative signalling domain evolved from the C lobe of the protein kinase fold. Trends in Biochemical Sciences, 2003, 28, 349-352.	7.5	37
17	Phospholipase D overcomes cell cycle arrest induced by high-intensity Raf signaling. Oncogene, 2002, 21, 3651-3658.	5.9	36
18	Molecular Basis of Actin Nucleation Factor Cooperativity. Journal of Biological Chemistry, 2011, 286, 30732-30739.	3.4	33

#	Article	IF	Citations
19	Rab27a co-ordinates actin-dependent transport by controlling organelle-associated motors and track assembly proteins. Nature Communications, 2020, 11, 3495.	12.8	29
20	Actin dynamics at intracellular membranes: The Spir/formin nucleator complex. European Journal of Cell Biology, 2011, 90, 922-925.	3.6	28
21	RELN signaling modulates glioblastoma growth and substrateâ€dependent migration. Brain Pathology, 2018, 28, 695-709.	4.1	24
22	Structural and functional insights into the Spir/formin actin nucleator complex. Biological Chemistry, 2013, 394, 1649-1660.	2.5	23
23	Membrane Targeting of the SpirÂ·Formin Actin Nucleator Complex Requires a Sequential Handshake of Polar Interactions. Journal of Biological Chemistry, 2015, 290, 6428-6444.	3.4	22
24	Actin nucleation: bacteria get in-Spired. Nature Cell Biology, 2008, 10, 13-15.	10.3	17
25	Expression patterns of the mouse Spir-2 actin nucleator. Gene Expression Patterns, 2010, 10, 345-350.	0.8	16
26	A Genome-Wide siRNA Screen Implicates Spire1/2 in SipA-Driven Salmonella Typhimurium Host Cell Invasion. PLoS ONE, 2016, 11, e0161965.	2.5	16
27	Enhanced fear expression in Spir-1 actin organizer mutant mice. European Journal of Cell Biology, 2014, 93, 225-237.	3.6	14
28	Exploring the iceberg: Prospects of coordinated myosin V and actin assembly functions in transport processes. Small GTPases, 2019, 10, 111-121.	1.6	14
29	Very-KIND is a novel nervous system specific guanine nucleotide exchange factor for Ras GTPases. Gene Expression Patterns, 2005, 6, 79-85.	0.8	13
30	Microtubules as Platforms for Assaying Actin Polymerization In Vivo. PLoS ONE, 2011, 6, e19931.	2.5	10
31	Deregulated messenger RNA expression during T cell apoptosis. Nucleic Acids Research, 1995, 23, 4857-4863.	14.5	7
32	Spire1 and Myosin Vc promote Ca2+-evoked externalization of von Willebrand factor in endothelial cells. Cellular and Molecular Life Sciences, 2022, 79, 96.	5.4	5
33	CBIO-18ISOLATION OF HUMAN BRAIN TUMOUR INITIATING CELLS LEADING INVASION IN AN IN SITU ORGANOTYPIC SLICE CULTURE MIGRATION MODEL. Neuro-Oncology, 2015, 17, v58.4-v58.	1.2	0