

# Eugen Kerkhoff

## List of Publications by Year in descending order

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33  
papers

2,366  
citations

361045

20  
h-index

414034

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. <i>Nature</i> , 2005, 433, 382-388.	13.7	303
2	Orchestration of cell surface proteins by Rab11. <i>Trends in Cell Biology</i> , 2014, 24, 407-415.	3.6	272
3	Cell cycle targets of Ras/Raf signalling. <i>Oncogene</i> , 1998, 17, 1457-1462.	2.6	238
4	Actin assembly mechanisms at a glance. <i>Journal of Cell Science</i> , 2017, 130, 3427-3435.	1.2	229
5	Spire-Type Actin Nucleators Cooperate with Formin-2 to Drive Asymmetric Oocyte Division. <i>Current Biology</i> , 2011, 21, 955-960.	1.8	224
6	Regulatory interactions between two actin nucleators, Spire and Cappuccino. <i>Journal of Cell Biology</i> , 2007, 179, 117-128.	2.3	162
7	Regulation of c-myc expression by Ras/Raf signalling. <i>Oncogene</i> , 1998, 16, 211-216.	2.6	127
8	The p150-Spir protein provides a link between c-Jun N-terminal kinase function and actin reorganization. <i>Current Biology</i> , 2000, 10, 345-348.	1.8	87
9	The Spir actin organizers are involved in vesicle transport processes. <i>Current Biology</i> , 2001, 11, 1963-1968.	1.8	77
10	Identification of a Short Spir Interaction Sequence at the C-terminal End of Formin Subgroup Proteins. <i>Journal of Biological Chemistry</i> , 2009, 284, 25324-25333.	1.6	59
11	Ral and Rho-Dependent Activation of Phospholipase D in v-Raf-Transformed Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 255, 502-507.	1.0	53
12	Coordinated recruitment of Spir actin nucleators and myosin V motors to Rab11 vesicle membranes. <i>ELife</i> , 2016, 5, .	2.8	53
13	Overlapping expression pattern of the actin organizers Spir-1 and formin-2 in the developing mouse nervous system and the adult brain. <i>Gene Expression Patterns</i> , 2004, 4, 249-255.	0.3	48
14	Cellular functions of the Spir actin-nucleation factors. <i>Trends in Cell Biology</i> , 2006, 16, 477-483.	3.6	42
15	Constitutive JNK Activation in NIH 3T3 Fibroblasts Induces a Partially Transformed Phenotype. <i>Journal of Biological Chemistry</i> , 2002, 277, 29510-29518.	1.6	37
16	The KIND module: a putative signalling domain evolved from the C lobe of the protein kinase fold. <i>Trends in Biochemical Sciences</i> , 2003, 28, 349-352.	3.7	37
17	Phospholipase D overcomes cell cycle arrest induced by high-intensity Raf signaling. <i>Oncogene</i> , 2002, 21, 3651-3658.	2.6	36
18	Molecular Basis of Actin Nucleation Factor Cooperativity. <i>Journal of Biological Chemistry</i> , 2011, 286, 30732-30739.	1.6	33

#	ARTICLE	IF	CITATIONS
19	Rab27a co-ordinates actin-dependent transport by controlling organelle-associated motors and track assembly proteins. <i>Nature Communications</i> , 2020, 11, 3495.	5.8	29
20	Actin dynamics at intracellular membranes: The Spir/formin nucleator complex. <i>European Journal of Cell Biology</i> , 2011, 90, 922-925.	1.6	28
21	RELN signaling modulates glioblastoma growth and substrate-dependent migration. <i>Brain Pathology</i> , 2018, 28, 695-709.	2.1	24
22	Structural and functional insights into the Spir/formin actin nucleator complex. <i>Biological Chemistry</i> , 2013, 394, 1649-1660.	1.2	23
23	Membrane Targeting of the Spir-Formin Actin Nucleator Complex Requires a Sequential Handshake of Polar Interactions. <i>Journal of Biological Chemistry</i> , 2015, 290, 6428-6444.	1.6	22
24	Actin nucleation: bacteria get in-Spired. <i>Nature Cell Biology</i> , 2008, 10, 13-15.	4.6	17
25	Expression patterns of the mouse Spir-2 actin nucleator. <i>Gene Expression Patterns</i> , 2010, 10, 345-350.	0.3	16
26	A Genome-Wide siRNA Screen Implicates Spire1/2 in SipA-Driven Salmonella Typhimurium Host Cell Invasion. <i>PLoS ONE</i> , 2016, 11, e0161965.	1.1	16
27	Enhanced fear expression in Spir-1 actin organizer mutant mice. <i>European Journal of Cell Biology</i> , 2014, 93, 225-237.	1.6	14
28	Exploring the iceberg: Prospects of coordinated myosin V and actin assembly functions in transport processes. <i>Small GTPases</i> , 2019, 10, 111-121.	0.7	14
29	Very-KIND is a novel nervous system specific guanine nucleotide exchange factor for Ras GTPases. <i>Gene Expression Patterns</i> , 2005, 6, 79-85.	0.3	13
30	Microtubules as Platforms for Assaying Actin Polymerization In Vivo. <i>PLoS ONE</i> , 2011, 6, e19931.	1.1	10
31	Deregulated messenger RNA expression during T cell apoptosis. <i>Nucleic Acids Research</i> , 1995, 23, 4857-4863.	6.5	7
32	Spire1 and Myosin Vc promote Ca <sup>2+</sup> -evoked externalization of von Willebrand factor in endothelial cells. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 96.	2.4	5
33	CBIO-18 ISOLATION OF HUMAN BRAIN TUMOUR INITIATING CELLS LEADING INVASION IN AN IN SITU ORGANOTYPIC SLICE CULTURE MIGRATION MODEL. <i>Neuro-Oncology</i> , 2015, 17, v58.4-v58.	0.6	0