

Sven Bogdan

List of Publications by Year in descending order

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33
papers

1,858
citations

331259

21
h-index

414034

32
g-index

36
all docs

36
docs citations

36
times ranked

2552
citing authors

#	ARTICLE	IF	CITATIONS
1	The WAVE Regulatory Complex Links Diverse Receptors to the Actin Cytoskeleton. <i>Cell</i> , 2014, 156, 195-207.	13.5	260
2	Actin assembly mechanisms at a glance. <i>Journal of Cell Science</i> , 2017, 130, 3427-3435.	1.2	229
3	<i>Drosophila</i> Cip4 and WASp Define a Branch of the Cdc42-Par6-aPKC Pathway Regulating E-Cadherin Endocytosis. <i>Current Biology</i> , 2008, 18, 1639-1648.	1.8	215
4	<i>Drosophila</i> Cip4/Toca-1 Integrates Membrane Trafficking and Actin Dynamics through WASP and SCAR/WAVE. <i>Current Biology</i> , 2009, 19, 1429-1437.	1.8	132
5	Ena/VASP Proteins Cooperate with the WAVE Complex to Regulate the Actin Cytoskeleton. <i>Developmental Cell</i> , 2014, 30, 569-584.	3.1	101
6	Adherens Junctions on the Move—Membrane Trafficking of E-Cadherin. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a029140.	2.3	89
7	The Wiskott-Aldrich syndrome protein (WASP) is essential for myoblast fusion in <i>Drosophila</i> . <i>Developmental Biology</i> , 2007, 304, 664-674.	0.9	84
8	Kette regulates actin dynamics and genetically interacts with Wave and Wasp. <i>Development (Cambridge)</i> , 2003, 130, 4427-4437.	1.2	83
9	Abi activates WASP to promote sensory organ development. <i>Nature Cell Biology</i> , 2005, 7, 977-984.	4.6	64
10	Fat2 acts through the WAVE regulatory complex to drive collective cell migration during tissue rotation. <i>Journal of Cell Biology</i> , 2016, 212, 591-603.	2.3	54
11	Sra-1 interacts with Kette and Wasp and is required for neuronal and bristle development in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2004, 131, 3981-3989.	1.2	48
12	WAVE Forms Hetero- and Homo-oligomeric Complexes at Integrin Junctions in <i>Drosophila</i> Visualized by Bimolecular Fluorescence Complementation. <i>Journal of Biological Chemistry</i> , 2010, 285, 40171-40179.	1.6	47
13	The F-BAR protein Cip4/Toca-1 antagonizes the formin Diaphanous in membrane stabilization and compartmentalization. <i>Journal of Cell Science</i> , 2013, 126, 1796-805.	1.2	47
14	Syndapin Promotes Formation of a Postsynaptic Membrane System in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2009, 20, 2254-2264.	0.9	43
15	The <i>Drosophila</i> FHOD1-like formin Knittrig acts through Rok to promote stress fiber formation and directed macrophage migration during the cellular immune response. <i>Development (Cambridge)</i> , 2014, 141, 1366-1380.	1.2	39
16	Formin™ cellular structures. <i>Communicative and Integrative Biology</i> , 2013, 6, e27634.	0.6	36
17	Dock mediates Scar- and WASp-dependent actin polymerization through interaction with cell adhesion molecules in founder cells and fusion-competent myoblasts. <i>Journal of Cell Science</i> , 2013, 126, 360-372.	1.2	35
18	Transient localization of the Arp2/3 complex initiates neuronal dendrite branching <i>in vivo</i> . <i>Development (Cambridge)</i> , 2019, 146, .	1.2	35

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19	<i>Drosophila</i> WASH is required for integrin-mediated cell adhesion, cell motility and lysosomal neutralization. <i>Journal of Cell Science</i> , 2017, 130, 344-359.	1.2	33
20	Filopodia-based contact stimulation of cell migration drives tissue morphogenesis. <i>Nature Communications</i> , 2021, 12, 791.	5.8	28
21	<i>Drosophila</i> pupal macrophages – A versatile tool for combined ex vivo and in vivo imaging of actin dynamics at high resolution. <i>European Journal of Cell Biology</i> , 2013, 92, 349-354.	1.6	27
22	Membrane-targeted WAVE mediates photoreceptor axon targeting in the absence of the WAVE complex in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2011, 22, 4079-4092.	0.9	26
23	Cooperative functions of the two F-BAR proteins Cip4 and Nostrin in regulating E-cadherin in epithelial morphogenesis. <i>Journal of Cell Science</i> , 2014, 128, 499-515.	1.2	21
24	The F-BAR protein family. <i>Communicative and Integrative Biology</i> , 2010, 3, 89-94.	0.6	18
25	FHOD proteins in actin dynamics – a formin™ class of its own. <i>Small GTPases</i> , 2014, 5, e973765.	0.7	12
26	WHAMY is a novel actin polymerase promoting myoblast fusion, macrophage cell motility and sensory organ development. <i>Journal of Cell Science</i> , 2016, 129, 604-20.	1.2	11
27	Collective cell migration driven by filopodia – New insights from the social behavior of myotubes. <i>BioEssays</i> , 2021, 43, e2100124.	1.2	8
28	Calcium bursts allow rapid reorganization of EFhD2/Swip-1 cross-linked actin networks in epithelial wound closure. <i>Nature Communications</i> , 2022, 13, 2492.	5.8	8
29	Abi induces ectopic sensory organ formation by stimulating EGFR signaling. <i>Mechanisms of Development</i> , 2008, 125, 183-195.	1.7	7
30	Molecular Control of Actin Dynamics In Vivo: Insights from <i>Drosophila</i> . <i>Handbook of Experimental Pharmacology</i> , 2016, 235, 285-310.	0.9	7
31	CK1± protects WAVE from degradation to regulate cell shape and motility in the immune response. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	6
32	Analysis of Cell Shape and Cell Migration of <i>Drosophila</i> Macrophages In Vivo. <i>Methods in Molecular Biology</i> , 2018, 1749, 227-238.	0.4	5
33	Multi-class Cell Segmentation Using CNNs with F \$\$_1\$\$ -measure Loss Function. <i>Lecture Notes in Computer Science</i> , 2019, , 434-446.	1.0	0