Sven Bogdan

List of Publications by Year
in descending order

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33	1,858	331259	414034
papers	citations	21 h-index	32 g-index

36	36	36	2552
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Calcium bursts allow rapid reorganization of EFhD2/Swip-1 cross-linked actin networks in epithelial wound closure. Nature Communications, 2022, 13, 2492.	5.8	8
2	Filopodia-based contact stimulation of cell migration drives tissue morphogenesis. Nature Communications, 2021, 12, 791.	5.8	28
3	Collective cell migration driven by filopodiaâ€"New insights from the social behavior of myotubes. BioEssays, 2021, 43, e2100124.	1.2	8
4	CK1Î± protects WAVE from degradation to regulate cell shape and motility in the immune response. Journal of Cell Science, 2021, 134, .	1.2	6
5	Transient localization of the Arp2/3 complex initiates neuronal dendrite branching in vivo. Development (Cambridge), 2019, 146, .	1.2	35
6	Multi-class Cell Segmentation Using CNNs with F $$_1$$ -measure Loss Function. Lecture Notes in Computer Science, 2019, , 434-446.	1.0	0
7	Analysis of Cell Shape and Cell Migration of Drosophila Macrophages In Vivo. Methods in Molecular Biology, 2018, 1749, 227-238.	0.4	5
8	Drosophila WASH is required for integrin-mediated cell adhesion, cell motility and lysosomal neutralization. Journal of Cell Science, 2017, 130, 344-359.	1.2	33
9	Adherens Junctions on the Moveâ€"Membrane Trafficking of E-Cadherin. Cold Spring Harbor Perspectives in Biology, 2017, 9, a029140.	2.3	89
10	Actin assembly mechanisms at a glance. Journal of Cell Science, 2017, 130, 3427-3435.	1.2	229
11	WHAMY is a novel actin polymerase promoting myoblast fusion, macrophage cell motility and sensory organ development. Journal of Cell Science, 2016, 129, 604-20.	1.2	11
12	Molecular Control of Actin Dynamics In Vivo: Insights from Drosophila. Handbook of Experimental Pharmacology, 2016, 235, 285-310.	0.9	7
13	Fat2 acts through the WAVE regulatory complex to drive collective cell migration during tissue rotation. Journal of Cell Biology, 2016, 212, 591-603.	2.3	54
14	FHOD proteins in actin dynamicsâ€"a forminâ€™ class of its own. Small GTPases, 2014, 5, e973765.	0.7	12
15	Cooperative functions of the two F-BAR proteins Cip4 and Nostrin in regulating E-cadherin in epithelial morphogenesis. Journal of Cell Science, 2014, 128, 499-515.	1.2	21
16	The Drosophila FHOD1-like formin Knittrig acts through Rok to promote stress fiber formation and directed macrophage migration during the cellular immune response. Development (Cambridge), 2014, 141, 1366-1380.	1.2	39
17	The WAVE Regulatory Complex Links Diverse Receptors to the Actin Cytoskeleton. Cell, 2014, 156, 195-207.	13.5	260
18	Ena/VASP Proteins Cooperate with the WAVE Complex to Regulate the Actin Cytoskeleton. Developmental Cell, 2014, 30, 569-584.	3.1	101

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19	Dock mediates Scar- and WASp-dependent actin polymerization through interaction with cell adhesion molecules in founder cells and fusion-competent myoblasts. Journal of Cell Science, 2013, 126, 360-372.	1.2	35
20	Drosophila pupal macrophages â€“ A versatile tool for combined ex vivo and in vivo imaging of actin dynamics at high resolution. European Journal of Cell Biology, 2013, 92, 349-354.	1.6	27
21	Forminâ€™ cellular structures. Communicative and Integrative Biology, 2013, 6, e27634.	0.6	36
22	The F-BAR protein Cip4/Toca-1 antagonizes the formin Diaphanous in membrane stabilization and compartmentalization. Journal of Cell Science, 2013, 126, 1796-805.	1.2	47
23	Membrane-targeted WAVE mediates photoreceptor axon targeting in the absence of the WAVE complex inDrosophila. Molecular Biology of the Cell, 2011, 22, 4079-4092.	0.9	26
24	WAVE Forms Hetero- and Homo-oligomeric Complexes at Integrin Junctions in Drosophila Visualized by Bimolecular Fluorescence Complementation. Journal of Biological Chemistry, 2010, 285, 40171-40179.	1.6	47
25	The F-BAR protein family. Communicative and Integrative Biology, 2010, 3, 89-94.	0.6	18
26	Syndapin Promotes Formation of a Postsynaptic Membrane System in Drosophila. Molecular Biology of the Cell, 2009, 20, 2254-2264.	0.9	43
27	Drosophila Cip4/Toca-1 Integrates Membrane Trafficking and Actin Dynamics through WASP and SCAR/WAVE. Current Biology, 2009, 19, 1429-1437.	1.8	132
28	Drosophila Cip4 and WASp Define a Branch of the Cdc42-Par6-aPKC Pathway Regulating E-Cadherin Endocytosis. Current Biology, 2008, 18, 1639-1648.	1.8	215
29	Abi induces ectopic sensory organ formation by stimulating EGFR signaling. Mechanisms of Development, 2008, 125, 183-195.	1.7	7
30	The Wiskottâ€“Aldrich syndrome protein (WASP) is essential for myoblast fusion in Drosophila. Developmental Biology, 2007, 304, 664-674.	0.9	84
31	Abi activates WASP to promote sensory organ development. Nature Cell Biology, 2005, 7, 977-984.	4.6	64
32	Sra-1 interacts with Kette and Wasp and is required for neuronal and bristle development in Drosophila. Development (Cambridge), 2004, 131, 3981-3989.	1.2	48
33	Kette regulates actin dynamics and genetically interacts with Wave and Wasp. Development (Cambridge), 2003, 130, 4427-4437.	1.2	83