

# Brian Marc Stramer

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,842  
citations

393982

19  
h-index

476904

29  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Live imaging of wound inflammation in <i>Drosophila</i> embryos reveals key roles for small GTPases during in vivo cell migration. <i>Journal of Cell Biology</i> , 2005, 168, 567-573.	2.3	283
2	The Inflammation–Fibrosis Link? A Jekyll and Hyde Role for Blood Cells during Wound Repair. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1009-1017.	0.3	210
3	Prioritization of Competing Damage and Developmental Signals by Migrating Macrophages in the <i>Drosophila</i> Embryo. <i>Current Biology</i> , 2010, 20, 464-470.	1.8	176
4	Mechanisms and in vivo functions of contact inhibition of locomotion. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 43-55.	16.1	141
5	Clasp-mediated microtubule bundling regulates persistent motility and contact repulsion in <i>Drosophila</i> macrophages in vivo. <i>Journal of Cell Biology</i> , 2010, 189, 681-689.	2.3	111
6	Inter-Cellular Forces Orchestrate Contact Inhibition of Locomotion. <i>Cell</i> , 2015, 161, 361-373.	13.5	98
7	A Moving Source of Matrix Components Is Essential for De Novo Basement Membrane Formation. <i>Current Biology</i> , 2017, 27, 3526-3534.e4.	1.8	94
8	Fascin promotes filopodia formation independent of its role in actin bundling. <i>Journal of Cell Biology</i> , 2012, 197, 477-486.	2.3	80
9	Emergence of embryonic pattern through contact inhibition of locomotion. <i>Development (Cambridge)</i> , 2012, 139, 4555-4560.	1.2	69
10	Fascin is required for blood cell migration during <i>Drosophila</i> embryogenesis. <i>Development (Cambridge)</i> , 2009, 136, 2557-2565.	1.2	68
11	Persistent and polarized global actin flow is essential for directionality during cell migration. <i>Nature Cell Biology</i> , 2019, 21, 1370-1381.	4.6	57
12	Regulation of phagocyte triglyceride by a STAT-ATG2 pathway controls mycobacterial infection. <i>Nature Communications</i> , 2017, 8, 14642.	5.8	55
13	L-selectin shedding is activated specifically within transmigrating pseudopods of monocytes to regulate cell polarity in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1461-70.	3.3	54
14	A direct interaction between fascin and microtubules contributes to adhesion dynamics and cell migration. <i>Journal of Cell Science</i> , 2015, 128, 4601-14.	1.2	53
15	Gene induction following wounding of wild-type versus macrophage-deficient <i>Drosophila</i> embryos. <i>EMBO Reports</i> , 2008, 9, 465-471.	2.0	49
16	Tools Allowing Independent Visualization and Genetic Manipulation of <i>Drosophila melanogaster</i> Macrophages and Surrounding Tissues. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 845-857.	0.8	47
17	Rapid Homeostatic Turnover of Embryonic ECM during Tissue Morphogenesis. <i>Developmental Cell</i> , 2020, 54, 33-42.e9.	3.1	38
18	<i>Drosophila</i> Embryonic Hemocytes Produce Laminins to Strengthen Migratory Response. <i>Cell Reports</i> , 2017, 21, 1461-1470.	2.9	33

#	ARTICLE	IF	CITATIONS
19	A Workflow for Rapid Unbiased Quantification of Fibrillar Feature Alignment in Biological Images. <i>Frontiers in Computer Science</i> , 2021, 3, .	1.7	22
20	Live Imaging Of <em>Drosophila melanogaster </em> Embryonic Hemocyte Migrations. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	21
21	Cells on film “ the past and future of cinemicroscopy. <i>Journal of Cell Science</i> , 2015, 128, 9-13.	1.2	19
22	Nance-Horan Syndrome-like 1 protein negatively regulates Scar/WAVE-Arp2/3 activity and inhibits lamellipodia stability and cell migration. <i>Nature Communications</i> , 2021, 12, 5687.	5.8	17
23	Unraveling tissue repair immune responses in flies. <i>Seminars in Immunology</i> , 2014, 26, 310-314.	2.7	11
24	Inflammation and Wound Healing in <i>Drosophila</i> . <i>Methods in Molecular Biology</i> , 2009, 571, 137-149.	0.4	9
25	Segmentation and Shape Analysis of Macrophages Using Anglegram Analysis. <i>Journal of Imaging</i> , 2018, 4, 2.	1.7	8
26	Heterotypic contact inhibition of locomotion can drive cell sorting between epithelial and mesenchymal cell populations. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	4
27	Shape analysis and tracking of migrating macrophages. , 2018, , .		3
28	Macrosight: A Novel Framework to Analyze the Shape and Movement of Interacting Macrophages Using Matlab®. <i>Journal of Imaging</i> , 2019, 5, 17.	1.7	3
29	Protocol for intervention-free quantification of protein turnover rate by steady-state modeling. <i>STAR Protocols</i> , 2021, 2, 100377.	0.5	1
30	Comparative Study of Contact Repulsion in Control and Mutant Macrophages Using a Novel Interaction Detection. <i>Journal of Imaging</i> , 2020, 6, 36.	1.7	0
31	Sensing wounds by spilling cellular guts: Damage-associated protease release can initiate tissue repair. <i>Developmental Cell</i> , 2021, 56, 2137-2139.	3.1	0
32	Segmentation of Overlapping Macrophages Using Anglegram Analysis. <i>Communications in Computer and Information Science</i> , 2017, , 792-803.	0.4	0