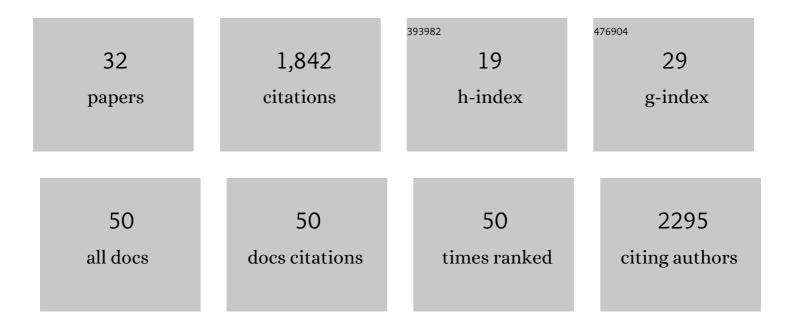
## Brian Marc Stramer

List of Publications by Year in descending order

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

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