Paul Martin

List of Publications by Year in Descending Order

111 papers	15,289 citations	50 h-index	123 g-index
140 ext. papers	17,503 ext. citations	9.6 avg, IF	7.13 L-index

#	Paper	IF	Citations
111	Circulating inflammatory cytokines and risk of five cancers: a Mendelian randomization analysis.. *BMC Medicine*, **2022**, 20, 3	11.4	1
110	Modulating the Inflammatory Response to Wounds and Cancer Through Infection. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 676193	5.7	1
109	Live-imaging of endothelial Erk activity reveals dynamic and sequential signalling events during regenerative angiogenesis. *ELife*, **2021**, 10,	8.9	5
108	Macrophage regulation of angiogenesis in health and disease. *Seminars in Cell and Developmental Biology*, **2021**, 119, 101-110	7.5	11
107	The cell biology of inflammation: From common traits to remarkable immunological adaptations. *Journal of Cell Biology*, **2020**, 219,	7.3	15
106	Cell migration by swimming: Drosophila adipocytes as a new in vivo model of adhesion-independent motility. *Seminars in Cell and Developmental Biology*, **2020**, 100, 160-166	7.5	2
105	The hallmarks of cancer are also the hallmarks of wound healing. *Science Signaling*, **2020**, 13,	8.8	36
104	Specific macrophage populations promote both cardiac scar deposition and subsequent resolution in adult zebrafish. *Cardiovascular Research*, **2020**, 116, 1357-1371	9.9	42
103	Proteolytic and Opportunistic Breaching of the Basement Membrane Zone by Immune Cells during Tumor Initiation. *Cell Reports*, **2019**, 27, 2837-2846.e4	10.6	25
102	Injury Activates a Dynamic Cytoprotective Network to Confer Stress Resilience and Drive Repair. *Current Biology*, **2019**, 29, 3851-3862.e4	6.3	11
101	Live imaging the foreign body response in zebrafish reveals how dampening inflammation reduces fibrosis. *Journal of Cell Science*, **2019**, 133,	5.3	17
100	Technical Note: Error metrics for estimating the accuracy of needle/instrument placement during transperineal magnetic resonance/ultrasound-guided prostate interventions. *Medical Physics*, **2018**, 45, 1408-1414	4.4	6
99	Fat Body Cells Are Motile and Actively Migrate to Wounds to Drive Repair and Prevent Infection. *Developmental Cell*, **2018**, 44, 460-470.e3	10.2	48
98	Host-Biomaterial Interactions in Zebrafish. *ACS Biomaterials Science and Engineering*, **2018**, 4, 1233-1240	5.5	13
97	Long-term In Vivo Tracking of Inflammatory Cell Dynamics Within Drosophila Pupae. *Journal of Visualized Experiments*, **2018**,	1.6	2
96	Live imaging of wound angiogenesis reveals macrophage orchestrated vessel sprouting and regression. *EMBO Journal*, **2018**, 37,	13	95
95	Live imaging of collagen deposition during skin development and repair in a collagen I - GFP fusion transgenic zebrafish line. *Developmental Biology*, **2018**, 441, 4-11	3.1	24

94	Targeting in neutrophils enhances the clearance of in infected wounds. *EMBO Molecular Medicine*, **2018**, 10,	12	24
93	immune cells extravasate from vessels to wounds using Tre1 GPCR and Rho signaling. *Journal of Cell Biology*, **2018**, 217, 3045-3056	7.3	14
92	Macrophage Functions in Tissue Patterning and Disease: New Insights from the Fly. *Developmental Cell*, **2017**, 40, 221-233	10.2	54
91	MiR-142 Is Required for Staphylococcus aureus Clearance at Skin Wound Sites via Small GTPase-Mediated Regulation of the Neutrophil Actin Cytoskeleton. *Journal of Investigative Dermatology*, **2017**, 137, 931-940	4.3	30
90	Inflammation and metabolism in tissue repair and regeneration. *Science*, **2017**, 356, 1026-1030	33.3	443
89	Zebrafish as a Research Organism: Danio rerio in Biomedical Research **2017**, 235-261		1
88	Myeloid Cells in Cutaneous Wound Repair **2017**, 385-403		
87	The Impact of Wound Inflammation on Cancer Progression: Studies in Fish and Patients **2017**, 183-199		1
86	Myeloid Cells in Cutaneous Wound Repair. *Microbiology Spectrum*, **2016**, 4,	8.9	7
85	Corpse Engulfment Generates a Molecular Memory that Primes the Macrophage Inflammatory Response. *Cell*, **2016**, 165, 1658-1671	56.2	121
84	Wound repair: a showcase for cell plasticity and migration. *Current Opinion in Cell Biology*, **2016**, 42, 29-37	9	117
83	Accurate Reconstruction of Cell and Particle Tracks from 3D Live Imaging Data. *Cell Systems*, **2016**, 3, 102-7	10.6	6
82	Systems Analysis of the Dynamic Inflammatory Response to Tissue Damage Reveals Spatiotemporal Properties of the Wound Attractant Gradient. *Current Biology*, **2016**, 26, 1975-1989	6.3	32
81	Imaging innate immune responses at tumour initiation: new insights from fish and flies. *Nature Reviews Cancer*, **2015**, 15, 556-62	31.3	32
80	The wound inflammatory response exacerbates growth of pre-neoplastic cells and progression to cancer. *EMBO Journal*, **2015**, 34, 2219-36	13	138
79	Ephrin-Bs Drive Junctional Downregulation and Actin Stress Fiber Disassembly to Enable Wound Re-epithelialization. *Cell Reports*, **2015**, 13, 1380-1395	10.6	37
78	Reduced FOXO1 expression accelerates skin wound healing and attenuates scarring. *American Journal of Pathology*, **2014**, 184, 2465-79	5.8	42
77	Resolution mediator chemerin15 reprograms the wound microenvironment to promote repair and reduce scarring. *Current Biology*, **2014**, 24, 1406-1414	6.3	42

76	Wound repair and regeneration: mechanisms, signaling, and translation. *Science Translational Medicine*, **2014**, 6, 265sr6	17.5	1319
75	Recapitulation of morphogenetic cell shape changes enables wound re-epithelialisation. *Development (Cambridge)*, **2014**, 141, 1814-20	6.6	53
74	Clinical challenges of chronic wounds: searching for an optimal animal model to recapitulate their complexity. *DMM Disease Models and Mechanisms*, **2014**, 7, 1205-13	4.1	227
73	Recapitulation of morphogenetic cell shape changes enables wound re-epithelialisation. *Journal of Cell Science*, **2014**, 127, e1-e1	5.3	
72	Calcium flashes orchestrate the wound inflammatory response through DUOX activation and hydrogen peroxide release. *Current Biology*, **2013**, 23, 424-9	6.3	215
71	Thymosin 4-sulfoxide attenuates inflammatory cell infiltration and promotes cardiac wound healing. *Nature Communications*, **2013**, 4, 2081	17.4	50
70	Modelling of human Wiskott-Aldrich syndrome protein mutants in zebrafish larvae using in vivo live imaging. *Journal of Cell Science*, **2013**, 126, 4077-84	5.3	21
69	Inflammation drives wound hyperpigmentation in zebrafish by recruiting pigment cells to sites of tissue damage. *DMM Disease Models and Mechanisms*, **2013**, 6, 508-15	4.1	42
68	Knockdown of osteopontin reduces the inflammatory response and subsequent size of postsurgical adhesions in a murine model. *American Journal of Pathology*, **2012**, 181, 1165-72	5.8	12
67	Live imaging of tumor initiation in zebrafish larvae reveals a trophic role for leukocyte-derived PGE *Current Biology*, **2012**, 22, 1253-9	6.3	76
66	A Syndecan-4 Hair Trigger Initiates Wound Healing through Caveolin- and RhoG-Regulated Integrin Endocytosis. *Developmental Cell*, **2012**, 23, 1081-1082	10.2	3
65	Cell biology. Embryonic clutch control. *Science*, **2012**, 335, 1181-2	33.3	2
64	A syndecan-4 hair trigger initiates wound healing through caveolin- and RhoG-regulated integrin endocytosis. *Developmental Cell*, **2011**, 21, 681-93	10.2	103
63	Microtubule remodelling is required for the front-rear polarity switch during contact inhibition of locomotion. *Journal of Cell Science*, **2011**, 124, 2642-53	5.3	47
62	'White wave' analysis of epithelial scratch wound healing reveals how cells mobilise back from the leading edge in a myosin-II-dependent fashion. *Journal of Cell Science*, **2011**, 124, 1017-21	5.3	43
61	Swatting flies: modelling wound healing and inflammation in Drosophila. *DMM Disease Models and Mechanisms*, **2011**, 4, 569-74	4.1	64
60	White wave analysis of epithelial scratch wound healing reveals how cells mobilise back from the leading edge in a myosin-II-dependent fashion. *Development (Cambridge)*, **2011**, 138, e1-e1	6.6	
59	Live imaging of innate immune cell sensing of transformed cells in zebrafish larvae: parallels between tumor initiation and wound inflammation. *PLoS Biology*, **2010**, 8, e1000562	9.7	154

58	Clasp-mediated microtubule bundling regulates persistent motility and contact repulsion in Drosophila macrophages in vivo. *Journal of Cell Biology*, **2010**, 189, 681-9	7.3	95
57	Prioritization of competing damage and developmental signals by migrating macrophages in the Drosophila embryo. *Current Biology*, **2010**, 20, 464-70	6.3	146
56	Fascin is required for blood cell migration during Drosophila embryogenesis. *Development (Cambridge)*, **2009**, 136, 2557-65	6.6	54
55	Epigenetic reprogramming during wound healing: loss of polycomb-mediated silencing may enable upregulation of repair genes. *EMBO Reports*, **2009**, 10, 881-6	6.5	140
54	Wound repair at a glance. *Journal of Cell Science*, **2009**, 122, 3209-13	5.3	495
53	Gene induction following wounding of wild-type versus macrophage-deficient Drosophila embryos. *EMBO Reports*, **2008**, 9, 465-71	6.5	43
52	Molecular mechanisms linking wound inflammation and fibrosis: knockdown of osteopontin leads to rapid repair and reduced scarring. *Journal of Experimental Medicine*, **2008**, 205, 43-51	16.6	220
51	Analysis of WASp function during the wound inflammatory response--live-imaging studies in zebrafish larvae. *Journal of Cell Science*, **2008**, 121, 3196-206	5.3	64
50	Dynamic analysis of filopodial interactions during the zippering phase of Drosophila dorsal closure. *Development (Cambridge)*, **2008**, 135, 621-6	6.6	143
49	Morphoregulation by acetylcholinesterase in fibroblasts and astrocytes. *Journal of Cellular Physiology*, **2008**, 215, 82-100	7	29
48	Culture of postimplantation mouse embryos. *Methods in Molecular Biology*, **2008**, 461, 7-22	1.4	6
47	The inflammation-fibrosis link? A Jekyll and Hyde role for blood cells during wound repair. *Journal of Investigative Dermatology*, **2007**, 127, 1009-17	4.3	187
46	Wound healing and inflammation studies in genetically tractable organisms. *International Congress Series*, **2007**, 1302, 3-16		2
45	Imaging macrophage chemotaxis in vivo: studies of microtubule function in zebrafish wound inflammation. *Cytoskeleton*, **2006**, 63, 415-22		147
44	Acute downregulation of connexin43 at wound sites leads to a reduced inflammatory response, enhanced keratinocyte proliferation and wound fibroblast migration. *Journal of Cell Science*, **2006**, 119, 5193-203	5.3	214
43	Compartmentalisation of Rho regulators directs cell invagination during tissue morphogenesis. *Development (Cambridge)*, **2006**, 133, 4257-67	6.6	80
42	Embryo Morphogenesis and the Role of the Actin Cytoskeleton. *Advances in Molecular and Cell Biology*, **2006**, 37, 251-283		
41	The small GTPase Rac plays multiple roles in epithelial sheet fusion--dynamic studies of Drosophila dorsal closure. *Developmental Biology*, **2005**, 282, 163-73	3.1	67

40	Wound healing and inflammation genes revealed by array analysis of 'macrophageless' PU.1 null mice. *Genome Biology*, **2005**, 6, R5	18.3	109
39	Cell biology: master regulators of sealing and healing. *Current Biology*, **2005**, 15, R425-7	6.3	37
38	Inflammatory cells during wound repair: the good, the bad and the ugly. *Trends in Cell Biology*, **2005**, 15, 599-607	18.3	960
37	Enhanced expression of the mannose receptor by endothelial cells of the liver and spleen microvascular beds in the macrophage-deficient PU.1 null mouse. *Histochemistry and Cell Biology*, **2005**, 123, 365-76	2.4	15
36	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, 567-73	7.3	239
35	The role of actin cables in directing the morphogenesis of the pharyngeal pouches. *Development (Cambridge)*, **2004**, 131, 593-9	6.6	26
34	Wound healing and inflammation: embryos reveal the way to perfect repair. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2004**, 359, 777-84	5.8	211
33	Parallels between tissue repair and embryo morphogenesis. *Development (Cambridge)*, **2004**, 131, 3021-34	6.6	425
32	Morphogenesis: shroom in to close the neural tube. *Current Biology*, **2004**, 14, R150-1	6.3	2
31	Development. May the force be with you. *Science*, **2003**, 300, 63-5	33.3	4
30	Wound healing in the PU.1 null mouse--tissue repair is not dependent on inflammatory cells. *Current Biology*, **2003**, 13, 1122-8	6.3	413
29	Targeting connexin43 expression accelerates the rate of wound repair. *Current Biology*, **2003**, 13, 1697-703	6.3	241
28	Role for keratins 6 and 17 during wound closure in embryonic mouse skin. *Developmental Dynamics*, **2003**, 226, 356-65	2.9	88
27	c-Jun regulates eyelid closure and skin tumor development through EGFR signaling. *Developmental Cell*, **2003**, 4, 879-89	10.2	230
26	Dynamic analysis of actin cable function during Drosophila dorsal closure. *Current Biology*, **2002**, 12, 1245-50	6.3	170
25	Epithelial fusions in the embryo. *Current Opinion in Cell Biology*, **2002**, 14, 569-74	9	52
24	Immediate early genes krox-24 and krox-20 are rapidly up-regulated after wounding in the embryonic and adult mouse. *Developmental Dynamics*, **2002**, 223, 371-8	2.9	43
23	Wound healing recapitulates morphogenesis in Drosophila embryos. *Nature Cell Biology*, **2002**, 4, 907-12	23.4	324

22	Dynamic analysis of dorsal closure in Drosophila: from genetics to cell biology. *Developmental Cell*, **2002**, 3, 9-19	10.2	199
21	Structures in focus--filopodia. *International Journal of Biochemistry and Cell Biology*, **2002**, 34, 726-30	5.6	123
20	Mechanisms of epithelial fusion and repair. *Nature Cell Biology*, **2001**, 3, E117-23	23.4	288
19	Morphogenesis: unravelling the cell biology of hole closure. *Current Biology*, **2001**, 11, R705-7	6.3	24
18	A reciprocal relationship between cutaneous nerves and repairing skin wounds in the developing chick embryo. *Developmental Biology*, **2001**, 238, 27-39	3.1	45
17	Conserved mechanisms of repair: from damaged single cells to wounds in multicellular tissues. *BioEssays*, **2000**, 22, 911-9	4.1	38
16	Dynamic actin-based epithelial adhesion and cell matching during Drosophila dorsal closure. *Current Biology*, **2000**, 10, 1420-6	6.3	262
15	Conserved mechanisms of repair: from damaged single cells to wounds in multicellular tissues **2000** , 22, 911		2
14	Culture of postimplantation mouse embryos. *Methods in Molecular Biology*, **1999**, 97, 7-22	1.4	7
13	Parallels between wound repair and morphogenesis in the embryo. *Seminars in Cell and Developmental Biology*, **1999**, 10, 395-404	7.5	20
12	Growth factors and wound healing. *Growth Factors and Cytokines in Health and Disease*, **1997**, 3, 499-528		
11	Wound healing--aiming for perfect skin regeneration. *Science*, **1997**, 276, 75-81	33.3	3663
10	The role of macrophages in clearing programmed cell death in the developing kidney. *Anatomy and Embryology*, **1996**, 194, 341-8		21
9	Mechanisms of wound healing in the embryo and fetus. *Current Topics in Developmental Biology*, **1996**, 32, 175-203	5.3	16
8	Perfect wound healing in the keratin 8 deficient mouse embryo. *Cytoskeleton*, **1996**, 35, 358-66		21
7	Analysis of the tissue movements of embryonic wound healing--DiI studies in the limb bud stage mouse embryo. *Developmental Biology*, **1995**, 170, 102-14	3.1	91
6	Repair of excisional wounds in the embryo. *Eye*, **1994**, 8 (Pt 2), 155-60	4.4	26
5	Rapid induction and clearance of TGF beta 1 is an early response to wounding in the mouse embryo. *Genesis*, **1993**, 14, 225-38		97

4	A study of wound healing in the E11.5 mouse embryo by light and electron microscopy. *Tissue and Cell*, **1993**, 25, 173-81	2.7	24
3	Growth factors and cutaneous wound repair. *Progress in Growth Factor Research*, **1992**, 4, 25-44		189
2	An early molecular component of the wound healing response in rat embryos--induction of c-fos protein in cells at the epidermal wound margin. *Mechanisms of Development*, **1992**, 38, 209-15	1.7	71
1	Actin cables and epidermal movement in embryonic wound healing. *Nature*, **1992**, 360, 179-83	50.4	383