

Philippe Herbomel

List of Publications by Year in descending order

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22
papers

3,377
citations

516561

16
h-index

713332

21
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docs citations

30
times ranked

4249
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphatidylinositol-3 kinase signaling controls survival and stemness of hematopoietic stem and progenitor cells. <i>Oncogene</i> , 2021, 40, 2741-2755.	2.6	3
2	The cationic amino acid exporter Slc7a7 is induced and vital in tissue macrophages with sustained efferocytic activity. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	8
3	Coronin 1A depletion restores the nuclear stability and viability of Aip1/Wdr1-deficient neutrophils. <i>Journal of Cell Biology</i> , 2019, 218, 3258-3271.	2.3	12
4	Resident Macrophage Lookalikes of Unexpected Origin. <i>Developmental Cell</i> , 2019, 49, 501-502.	3.1	2
5	Live Tracking of Inter-organ Communication by Endogenous Exosomes In Vivo. <i>Developmental Cell</i> , 2019, 48, 573-589.e4.	3.1	231
6	Ultraspecific live imaging of the dynamics of zebrafish neutrophil granules by a histopermeable fluorogenic benzochalcone probe. <i>Chemical Science</i> , 2019, 10, 3654-3670.	3.7	10
7	Anisotropic organization of circumferential actomyosin characterizes hematopoietic stem cells emergence in the zebrafish. <i>ELife</i> , 2018, 7, .	2.8	25
8	Trim33 / Tif1- β is essential for macrophage and neutrophil mobilisation to developmental or inflammatory cues. <i>Journal of Cell Science</i> , 2017, 130, 2797-2807.	1.2	23
9	NACA deficiency reveals the crucial role of somite-derived stromal cells in haematopoietic niche formation. <i>Nature Communications</i> , 2015, 6, 8375.	5.8	43
10	Pivotal role of Pten in the balance between proliferation and differentiation of hematopoietic stem cells in zebrafish. <i>Blood</i> , 2014, 123, 184-190.	0.6	38
11	Generating parabiotic zebrafish embryos for cell migration and homing studies. <i>Nature Methods</i> , 2013, 10, 256-258.	9.0	27
12	Real-Time Whole-Body Visualization of Chikungunya Virus Infection and Host Interferon Response in Zebrafish. <i>PLoS Pathogens</i> , 2013, 9, e1003619.	2.1	160
13	Inflammatory Chemokines Direct and Restrict Leukocyte Migration within Live Tissues as Glycan-Bound Gradients. <i>Current Biology</i> , 2012, 22, 2375-2382.	1.8	131
14	Studying cell behavior in whole zebrafish embryos by confocal live imaging: application to hematopoietic stem cells. <i>Nature Protocols</i> , 2011, 6, 1897-1904.	5.5	53
15	Strategies of professional phagocytes in vivo: unlike macrophages, neutrophils engulf only surface-associated microbes. <i>Journal of Cell Science</i> , 2011, 124, 3053-3059.	1.2	121
16	Blood stem cells emerge from aortic endothelium by a novel type of cell transition. <i>Nature</i> , 2010, 464, 112-115.	13.7	814
17	Origins and unconventional behavior of neutrophils in developing zebrafish. <i>Blood</i> , 2008, 111, 132-141.	0.6	329
18	Live imaging of emerging hematopoietic stem cells and early thymus colonization. <i>Blood</i> , 2008, 111, 1147-1156.	0.6	211

#	ARTICLE	IF	CITATIONS
19	Tracing Hematopoietic Precursor Migration to Successive Hematopoietic Organs during Zebrafish Development. <i>Immunity</i> , 2006, 25, 963-975.	6.6	476
20	Imaging Early Macrophage Differentiation, Migration, and Behaviors in Live Zebrafish Embryos. , 2005, 105, 199-214.		22
21	The zebrafish as a model organism to study development of the immune system. <i>Advances in Immunology</i> , 2003, 81, 253-330.	1.1	135
22	Zebrafish Early Macrophages Colonize Cephalic Mesenchyme and Developing Brain, Retina, and Epidermis through a M-CSF Receptor-Dependent Invasive Process. <i>Developmental Biology</i> , 2001, 238, 274-288.	0.9	498