

Philippe Herbomel

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

3,377
citations

516710

16
h-index

713466

21
g-index

30
all docs

30
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. | 5.9 | 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, . | 2.0 | 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. | 5.2 | 12 |
| 4 | Resident Macrophage Lookalikes of Unexpected Origin. <i>Developmental Cell</i> , 2019, 49, 501-502. | 7.0 | 2 |
| 5 | Live Tracking of Inter-organ Communication by Endogenous Exosomes In Vivo. <i>Developmental Cell</i> , 2019, 48, 573-589.e4. | 7.0 | 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. | 7.4 | 10 |
| 7 | Anisotropic organization of circumferential actomyosin characterizes hematopoietic stem cells emergence in the zebrafish. <i>ELife</i> , 2018, 7, . | 6.0 | 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. | 2.0 | 23 |
| 9 | NACA deficiency reveals the crucial role of somite-derived stromal cells in haematopoietic niche formation. <i>Nature Communications</i> , 2015, 6, 8375. | 12.8 | 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. | 1.4 | 38 |
| 11 | Generating parabiotic zebrafish embryos for cell migration and homing studies. <i>Nature Methods</i> , 2013, 10, 256-258. | 19.0 | 27 |
| 12 | Real-Time Whole-Body Visualization of Chikungunya Virus Infection and Host Interferon Response in Zebrafish. <i>PLoS Pathogens</i> , 2013, 9, e1003619. | 4.7 | 160 |
| 13 | Inflammatory Chemokines Direct and Restrict Leukocyte Migration within Live Tissues as Glycan-Bound Gradients. <i>Current Biology</i> , 2012, 22, 2375-2382. | 3.9 | 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. | 12.0 | 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. | 2.0 | 121 |
| 16 | Blood stem cells emerge from aortic endothelium by a novel type of cell transition. <i>Nature</i> , 2010, 464, 112-115. | 27.8 | 814 |
| 17 | Origins and unconventional behavior of neutrophils in developing zebrafish. <i>Blood</i> , 2008, 111, 132-141. | 1.4 | 329 |
| 18 | Live imaging of emerging hematopoietic stem cells and early thymus colonization. <i>Blood</i> , 2008, 111, 1147-1156. | 1.4 | 211 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Tracing Hematopoietic Precursor Migration to Successive Hematopoietic Organs during Zebrafish Development. <i>Immunity</i> , 2006, 25, 963-975. | 14.3 | 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. | 2.2 | 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. | 2.0 | 498 |