

Marie-Dominique Filippi

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,181
citations

430874

18
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

3998
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophils scan for activated platelets to initiate inflammation. <i>Science</i> , 2014, 346, 1234-1238.	12.6	516
2	Hematopoietic Cell Regulation by Rac1 and Rac2 Guanosine Triphosphatases. <i>Science</i> , 2003, 302, 445-449.	12.6	446
3	Neutrophil transendothelial migration: updates and new perspectives. <i>Blood</i> , 2019, 133, 2149-2158.	1.4	136
4	Localization of Rac2 via the C terminus and aspartic acid 150 specifies superoxide generation, actin polarity and chemotaxis in neutrophils. <i>Nature Immunology</i> , 2004, 5, 744-751.	14.5	119
5	Asymmetrically Segregated Mitochondria Provide Cellular Memory of Hematopoietic Stem Cell Replicative History and Drive HSC Attrition. <i>Cell Stem Cell</i> , 2020, 26, 420-430.e6.	11.1	108
6	Cdc42 regulates neutrophil migration via crosstalk between WASp, CD11b, and microtubules. <i>Blood</i> , 2012, 120, 3563-3574.	1.4	98
7	Mitochondria in the maintenance of hematopoietic stem cells: new perspectives and opportunities. <i>Blood</i> , 2019, 133, 1943-1952.	1.4	95
8	Decline in IGF1 in the bone marrow microenvironment initiates hematopoietic stem cell aging. <i>Cell Stem Cell</i> , 2021, 28, 1473-1482.e7.	11.1	87
9	Ubiquitination of hnRNPA1 by TRAF6 links chronic innate immune signaling with myelodysplasia. <i>Nature Immunology</i> , 2017, 18, 236-245.	14.5	85
10	Mechanism of Diapedesis. <i>Advances in Immunology</i> , 2016, 129, 25-53.	2.2	66
11	Rho GTPase Rac1 is critical for neutrophil migration into the lung. <i>Blood</i> , 2007, 109, 1257-1264.	1.4	63
12	The small Rho GTPase Cdc42 regulates neutrophil polarity via CD11b integrin signaling. <i>Blood</i> , 2009, 114, 4527-4537.	1.4	63
13	Obesity alters the long-term fitness of the hematopoietic stem cell compartment through modulation of <i>Cf1</i> expression. <i>Journal of Experimental Medicine</i> , 2018, 215, 627-644.	8.5	62
14	The small GTPase Rap1b negatively regulates neutrophil chemotaxis and transcellular diapedesis by inhibiting Akt activation. <i>Journal of Experimental Medicine</i> , 2014, 211, 1741-1758.	8.5	55
15	p190-B RhoGAP and intracellular cytokine signals balance hematopoietic stem and progenitor cell self-renewal and differentiation. <i>Nature Communications</i> , 2017, 8, 14382.	12.8	35
16	Yap1-Scribble polarization is required for hematopoietic stem cell division and fate. <i>Blood</i> , 2020, 136, 1824-1836.	1.4	26
17	P38 β /JNK signaling restrains erythropoiesis by suppressing Ezh2-mediated epigenetic silencing of Bim. <i>Nature Communications</i> , 2018, 9, 3518.	12.8	25
18	The Small GTPase Cdc42 Is a Major Regulator of Neutrophil Effector Functions. <i>Frontiers in Immunology</i> , 2020, 11, 1197.	4.8	21

#	ARTICLE	IF	CITATIONS
19	An efficient and reproducible process for transmission electron microscopy (TEM) of rare cell populations. <i>Journal of Immunological Methods</i> , 2014, 404, 87-90.	1.4	20
20	Deconstructing the Complexity of TGF β Signaling in Hematopoietic Stem Cells: Quiescence and Beyond. <i>Current Stem Cell Reports</i> , 2016, 2, 388-397.	1.6	16
21	The deubiquitinase USP15 modulates cellular redox and is a therapeutic target in acute myeloid leukemia. <i>Leukemia</i> , 2022, 36, 438-451.	7.2	13
22	An Alternative Approach for Sample Preparation with Low Cell Number for TEM Analysis. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	8
23	Leukocyte transcellular diapedesis: Rap1b is in control. <i>Tissue Barriers</i> , 2015, 3, e1052185.	3.2	5
24	Hematopoietic stem cell (HSC) divisional memory: The journey of mitochondrial metabolism through HSC division. <i>Experimental Hematology</i> , 2021, 96, 27-34.	0.4	5
25	TGF β signaling modifies hematopoietic acute inflammatory response to drive bone marrow failure. <i>Haematologica</i> , 2021, , .	3.5	4
26	Neutrophil actin regulation: MKL1 is in control. <i>Blood</i> , 2015, 126, 1519-1520.	1.4	3
27	Hungry Hematopoietic Stem Cells during Bacterial Infection: Fatty Acid for Food. <i>Immunometabolism</i> , 2022, 4, .	1.6	1
28	Single-Cell Assays Using Hematopoietic Stem and Progenitor Cells. <i>Methods in Molecular Biology</i> , 2019, 2029, 147-160.	0.9	0
29	Mitochondrial Morphology Controls Hematopoietic Stem Cell (HSC) Self-Renewal and Confers HSC Divisional Memory. <i>Blood</i> , 2018, 132, SCI-20-SCI-20.	1.4	0
30	A Durable Anatomy with Local Plasticity Enables Normal and Stress Hematopoiesis. <i>Blood</i> , 2021, 138, 297-297.	1.4	0
31	Mitochondrial Fate of Regenerative Hematopoietic Stem Cells Is Sequentially Controlled By Two Specific Conformations of Connexin-43. <i>Blood</i> , 2020, 136, 32-33.	1.4	0