

Florian Gaertner

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,389
citations

430874

18
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

4462
citing authors

#	ARTICLE	IF	CITATIONS
1	Single platelet and megakaryocyte morpho-dynamics uncovered by multicolor reporter mouse strains <i>in vitro</i> and <i>in vivo</i>. Haematologica, 2022, 107, 1669-1680.	3.5	3
2	WASp triggers mechanosensitive actin patches to facilitate immune cell migration in dense tissues. Developmental Cell, 2022, 57, 47-62.e9.	7.0	47
3	Procoagulant platelet sentinels prevent inflammatory bleeding through GPIIBIIIA and GPVI. Blood, 2022, 140, 121-139.	1.4	21
4	Engaging the front wheels to drive through fibrous terrain. Developmental Cell, 2021, 56, 723-725.	7.0	0
5	Vascular surveillance by haptotactic blood platelets in inflammation and infection. Nature Communications, 2020, 11, 5778.	12.8	48
6	Cellular locomotion using environmental topography. Nature, 2020, 582, 582-585.	27.8	150
7	Patrolling the vascular borders: platelets in immunity to infection and cancer. Nature Reviews Immunology, 2019, 19, 747-760.	22.7	113
8	Platelets in Host Defense: Experimental and Clinical Insights. Trends in Immunology, 2019, 40, 922-938.	6.8	40
9	Chemokines and integrins independently tune actin flow and substrate friction during intranodal migration of T cells. Nature Immunology, 2018, 19, 606-616.	14.5	96
10	Platelet Migration and Bacterial Trapping Assay under Flow. Bio-protocol, 2018, 8, e3018.	0.4	2
11	Niche WNT5A regulates the actin cytoskeleton during regeneration of hematopoietic stem cells. Journal of Experimental Medicine, 2017, 214, 165-181.	8.5	41
12	Migrating Platelets Are Mechano-scavengers that Collect and Bundle Bacteria. Cell, 2017, 171, 1368-1382.e23.	28.9	251
13	Aged neutrophils contribute to the first line of defense in the acute inflammatory response. Blood, 2016, 128, 2327-2337.	1.4	187
14	Disulfide HMGB1 derived from platelets coordinates venous thrombosis in mice. Blood, 2016, 128, 2435-2449.	1.4	219
15	Blood coagulation in immunothrombosis"At the frontline of intravascular immunity. Seminars in Immunology, 2016, 28, 561-569.	5.6	174
16	Functional Comparison of Induced Pluripotent Stem Cell- and Blood-Derived GPIIbIIIA Deficient Platelets. PLoS ONE, 2015, 10, e0115978.	2.5	17
17	Critical Role of Platelet Glycoprotein Ib β in Arterial Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 589-597.	2.4	30
18	Sphingosine 1-Phosphate Produced by Sphingosine Kinase 2 Intrinsically Controls Platelet Aggregation In Vitro and In Vivo. Circulation Research, 2015, 117, 376-387.	4.5	69

#	ARTICLE	IF	CITATIONS
19	Capillary and arteriolar pericytes attract innate leukocytes exiting through venules and 'instruct' them with pattern-recognition and motility programs. <i>Nature Immunology</i> , 2013, 14, 41-51.	14.5	371
20	Thrombocytosis as a Response to High Interleukin-6 Levels in cGMP-Dependent Protein Kinase I Mutant Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1820-1828.	2.4	16
21	Sphingosine kinase 2 (Sphk2) regulates platelet biogenesis by providing intracellular sphingosine 1-phosphate (S1P). <i>Blood</i> , 2013, 122, 791-802.	1.4	49
22	A novel role of sphingosine 1-phosphate receptor S1pr1 in mouse thrombopoiesis. <i>Journal of Experimental Medicine</i> , 2012, 209, 2165-2181.	8.5	151
23	Blood platelet adhesion to printed von Willebrand factor. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 335-341.	4.0	1
24	A novel role of sphingosine 1-phosphate receptor S1pr1 in mouse thrombopoiesis. <i>Journal of General Physiology</i> , 2012, 140, i11-i11.	1.9	2
25	A novel role of sphingosine 1-phosphate receptor S1pr1 in mouse thrombopoiesis. <i>Journal of Cell Biology</i> , 2012, 199, i7-i7.	5.2	0
26	Lifect mice for studying F-actin dynamics. <i>Nature Methods</i> , 2010, 7, 168-169.	19.0	286
27	Novel Methods for Assessment of Platelet and Leukocyte Function Under Flow – Application of Epifluorescence and Two-Photon Microscopy in a Small Volume Flow Chamber Model. <i>The Open Biology Journal</i> , 2009, 2, 130-136.	0.5	2
28	Migrating Platelets are Mechano-Scavengers That Collect and Bundle Bacteria. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0