

# 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	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
2	Lifect mice for studying F-actin dynamics. <i>Nature Methods</i> , 2010, 7, 168-169.	19.0	286
3	Migrating Platelets Are Mechano-scavengers that Collect and Bundle Bacteria. <i>Cell</i> , 2017, 171, 1368-1382.e23.	28.9	251
4	Disulfide HMGB1 derived from platelets coordinates venous thrombosis in mice. <i>Blood</i> , 2016, 128, 2435-2449.	1.4	219
5	Aged neutrophils contribute to the first line of defense in the acute inflammatory response. <i>Blood</i> , 2016, 128, 2327-2337.	1.4	187
6	Blood coagulation in immunothrombosis – At the frontline of intravascular immunity. <i>Seminars in Immunology</i> , 2016, 28, 561-569.	5.6	174
7	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
8	Cellular locomotion using environmental topography. <i>Nature</i> , 2020, 582, 582-585.	27.8	150
9	Patrolling the vascular borders: platelets in immunity to infection and cancer. <i>Nature Reviews Immunology</i> , 2019, 19, 747-760.	22.7	113
10	Chemokines and integrins independently tune actin flow and substrate friction during intranodal migration of T cells. <i>Nature Immunology</i> , 2018, 19, 606-616.	14.5	96
11	Sphingosine 1-Phosphate Produced by Sphingosine Kinase 2 Intrinsically Controls Platelet Aggregation In Vitro and In Vivo. <i>Circulation Research</i> , 2015, 117, 376-387.	4.5	69
12	Sphingosine kinase 2 (Sphk2) regulates platelet biogenesis by providing intracellular sphingosine 1-phosphate (S1P). <i>Blood</i> , 2013, 122, 791-802.	1.4	49
13	Vascular surveillance by haptotactic blood platelets in inflammation and infection. <i>Nature Communications</i> , 2020, 11, 5778.	12.8	48
14	WASp triggers mechanosensitive actin patches to facilitate immune cell migration in dense tissues. <i>Developmental Cell</i> , 2022, 57, 47-62.e9.	7.0	47
15	Niche WNT5A regulates the actin cytoskeleton during regeneration of hematopoietic stem cells. <i>Journal of Experimental Medicine</i> , 2017, 214, 165-181.	8.5	41
16	Platelets in Host Defense: Experimental and Clinical Insights. <i>Trends in Immunology</i> , 2019, 40, 922-938.	6.8	40
17	Critical Role of Platelet Glycoprotein Ib $\alpha$ in Arterial Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 589-597.	2.4	30
18	Procoagulant platelet sentinels prevent inflammatory bleeding through GPIIb/IIIa and GPVI. <i>Blood</i> , 2022, 140, 121-139.	1.4	21

#	ARTICLE	IF	CITATIONS
19	Functional Comparison of Induced Pluripotent Stem Cell- and Blood-Derived GPIIb/IIIa Deficient Platelets. <i>PLoS ONE</i> , 2015, 10, e0115978.	2.5	17
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	Single platelet and megakaryocyte morpho-dynamics uncovered by multicolor reporter mouse strains &lt;i>in vitro</i> and &lt;i>in vivo</i>. <i>Haematologica</i> , 2022, 107, 1669-1680.	3.5	3
22	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
23	Novel Methods for Assessment of Platelet and Leukocyte Function Under Flow â€” 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
24	Platelet Migration and Bacterial Trapping Assay under Flow. <i>Bio-protocol</i> , 2018, 8, e3018.	0.4	2
25	Blood platelet adhesion to printed von Willebrand factor. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 335-341.	4.0	1
26	Engaging the front wheels to drive through fibrous terrain. <i>Developmental Cell</i> , 2021, 56, 723-725.	7.0	0
27	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
28	Migrating Platelets are Mechano-Scavengers That Collect and Bundle Bacteria. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0