

Bernhard Nieswandt

List of Publications by Year in descending order

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Version: 2024-02-01

255
papers

20,293
citations

6606

79
h-index

12258

133
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261
all docs

261
docs citations

261
times ranked

16574
citing authors

#	ARTICLE	IF	CITATIONS
1	Platelet Activation and Chemokine Release Are Related to Local Neutrophil-Dominant Inflammation During Hyperacute Human Stroke. <i>Translational Stroke Research</i> , 2022, 13, 364-369.	2.3	19
2	Thymosin β 4 is essential for thrombus formation by controlling the G-actin/F-actin equilibrium in platelets. <i>Haematologica</i> , 2022, 107, 2846-2858.	1.7	9
3	CRLF3 plays a key role in the final stage of platelet genesis and is a potential therapeutic target for thrombocytopenia. <i>Blood</i> , 2022, 139, 2227-2239.	0.6	8
4	Mapping densely packed α IIb β 3 receptors in murine blood platelets with expansion microscopy. <i>Platelets</i> , 2022, 33, 849-858.	1.1	3
5	G6b-B regulates an essential step in megakaryocyte maturation. <i>Blood Advances</i> , 2022, 6, 3155-3161.	2.5	11
6	Foudroyant cerebral venous (sinus) thrombosis triggered through CLEC-2 and GPIIb/IIIa dependent platelet activation. , 2022, 1, 132-141.		18
7	The Platelet Collagen Receptor GPVI Is Cleaved by Tspan15/ADAM10 and Tspan33/ADAM10 Molecular Scissors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2440.	1.8	7
8	Rasa3 deficiency minimally affects thrombopoiesis but promotes severe thrombocytopenia due to integrin-dependent platelet clearance. <i>JCI Insight</i> , 2022, 7, .	2.3	6
9	Confocal Real-Time Analysis of Cutaneous Platelet Recruitment during Immune Complex-Mediated Inflammation. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2724-2732.e3.	0.3	4
10	Platelets drive fibronectin fibrillogenesis using integrin α IIb β 3. <i>Science Advances</i> , 2022, 8, eabj8331.	4.7	11
11	Both G protein-coupled and immunoreceptor tyrosine-based activation motif receptors mediate venous thrombosis in mice. <i>Blood</i> , 2022, 139, 3194-3203.	0.6	13
12	Rac Inhibition Causes Impaired GPVI Signalling in Human Platelets through GPVI Shedding and Reduction in PLC β 2 Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3746.	1.8	3
13	Activated Platelets Upregulate α 2 Integrin Mac-1 (CD11b/CD18) on Dendritic Cells, Which Mediates Heterotypic Cell-Cell Interaction. <i>Journal of Immunology</i> , 2022, 208, 1729-1741.	0.4	7
14	Temporal Roles of Platelet and Coagulation Pathways in Collagen- and Tissue Factor-Induced Thrombus Formation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 358.	1.8	16
15	An intravascular perspective on hyper-acute neutrophil, T-cell and platelet responses: Similarities between human and experimental stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1561-1567.	2.4	5
16	Impaired microtubule dynamics contribute to microthrombocytopenia in RhoB-deficient mice. <i>Blood Advances</i> , 2022, 6, 5184-5197.	2.5	2
17	Lymphatic blood filling in CLEC-2-deficient mouse models. <i>Platelets</i> , 2021, 32, 352-367.	1.1	16
18	Different DOACs Control Inflammation in Cardiac Ischemia-Reperfusion Differently. <i>Circulation Research</i> , 2021, 128, 513-529.	2.0	26

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19	Differential Role of Glycoprotein VI in Mouse and Human Thrombus Progression and Stability. <i>Thrombosis and Haemostasis</i> , 2021, 121, 543-546.	1.8	4
20	Evidence that GPVI is Expressed as a Mixture of Monomers and Dimers, and that the D2 Domain is not Essential for GPVI Activation. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1435-1447.	1.8	19
21	Platelets and lymphocytes drive progressive penumbral tissue loss during middle cerebral artery occlusion in mice. <i>Journal of Neuroinflammation</i> , 2021, 18, 46.	3.1	18
22	XPOrting (poly)phosphates limits thrombosis. <i>Blood</i> , 2021, 137, 1278-1280.	0.6	0
23	Differential regulation of the platelet GPIIb/IIIa complex by anti-GPIIb/IIIa antibodies. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 2044-2055.	1.9	7
24	RhoA/Cdc42 signaling drives cytoplasmic maturation but not endomitosis in megakaryocytes. <i>Cell Reports</i> , 2021, 35, 109102.	2.9	13
25	Loss of Hem1 disrupts macrophage function and impacts migration, phagocytosis, and integrin-mediated adhesion. <i>Current Biology</i> , 2021, 31, 2051-2064.e8.	1.8	17
26	Acquired platelet GPVI receptor dysfunction in critically ill patients with sepsis. <i>Blood</i> , 2021, 137, 3105-3115.	0.6	18
27	Microvesicles, but not platelets, bud off from mouse bone marrow megakaryocytes. <i>Blood</i> , 2021, 138, 1998-2001.	0.6	6
28	ANXA7 Regulates Platelet Lipid Metabolism and Ca ²⁺ Release in Arterial Thrombosis. <i>Circulation Research</i> , 2021, 129, 494-507.	2.0	16
29	Generation of a humanized FXII knock-in mouse: A powerful model system to test novel anti-thrombotic agents. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 2835-2840.	1.9	1
30	Targeting platelet glycoprotein VI attenuates progressive ischemic brain damage before recanalization during middle cerebral artery occlusion in mice. <i>Experimental Neurology</i> , 2021, 344, 113804.	2.0	10
31	Glenzocimab does not impact glycoprotein VI-dependent inflammatory hemostasis. <i>Haematologica</i> , 2021, 106, 2000-2003.	1.7	18
32	Infarct growth precedes cerebral thrombosis following experimental stroke in mice. <i>Scientific Reports</i> , 2021, 11, 22887.	1.6	9
33	Feasibility of platelet marker analysis in ischemic stroke patients and their association with one-year outcome. A pilot project within a subsample of the Stroke Induced Cardiac Failure in Mice and Men (SICFAIL) cohort study. <i>Platelets</i> , 2021, , 1-9.	1.1	1
34	Interspecies differences in protein expression do not impact the spatiotemporal regulation of glycoprotein VI mediated activation. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 485-496.	1.9	14
35	Local Leukocyte Invasion during Hyperacute Human Ischemic Stroke. <i>Annals of Neurology</i> , 2020, 87, 466-479.	2.8	50
36	Heterotrimeric G Protein Subunit G β 1s Is a Master Switch for G β 1 γ -Mediated Calcium Mobilization by Gi-Coupled GPCRs. <i>Molecular Cell</i> , 2020, 80, 940-954.e6.	4.5	54

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37	CD84 Links T Cell and Platelet Activity in Cerebral Thrombo-Inflammation in Acute Stroke. <i>Circulation Research</i> , 2020, 127, 1023-1035.	2.0	52
38	Comparison of the central human and mouse platelet signaling cascade by systems biological analysis. <i>BMC Genomics</i> , 2020, 21, 897.	1.2	12
39	Actin/microtubule crosstalk during platelet biogenesis in mice is critically regulated by Twinfilin1 and Cofilin1. <i>Blood Advances</i> , 2020, 4, 2124-2134.	2.5	18
40	Genetic platelet depletion is superior in platelet transfusion compared to current models. <i>Haematologica</i> , 2020, 105, 1738-1749.	1.7	9
41	Platelets in Thrombo-Inflammation: Concepts, Mechanisms, and Therapeutic Strategies for Ischemic Stroke. <i>Hamostaseologie</i> , 2020, 40, 153-164.	0.9	22
42	Red blood cell-derived semaphorin 7A promotes thrombo-inflammation in myocardial ischemia-reperfusion injury through platelet GPIb. <i>Nature Communications</i> , 2020, 11, 1315.	5.8	39
43	Novel Approaches to Unravel Risk Factors and Mechanisms of Venous Thrombosis. <i>Thrombosis and Haemostasis</i> , 2020, 120, 372-372.	1.8	2
44	Critical redundant functions of the adapters Grb2 and Gads in platelet (hem)ITAM signaling in mice. <i>Platelets</i> , 2020, 31, 801-811.	1.1	1
45	Platelet glycoprotein VI promotes metastasis through interaction with cancer cell-derived Galectin-3. <i>Blood</i> , 2020, 135, 1146-1160.	0.6	71
46	Coactosin-like 1 integrates signaling critical for shear-dependent thrombus formation in mouse platelets. <i>Haematologica</i> , 2020, 105, 1667-1676.	1.7	8
47	BIN2 orchestrates platelet calcium signaling in thrombosis and thrombo-inflammation. <i>Journal of Clinical Investigation</i> , 2020, 130, 6064-6079.	3.9	20
48	Thrombo-inflammation in acute ischaemic stroke – implications for treatment. <i>Nature Reviews Neurology</i> , 2019, 15, 473-481.	4.9	194
49	Comparative Analysis of Microfluidics Thrombus Formation in Multiple Genetically Modified Mice: Link to Thrombosis and Hemostasis. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 99.	1.1	12
50	Pivotal role of PDK1 in megakaryocyte cytoskeletal dynamics and polarization during platelet biogenesis. <i>Blood</i> , 2019, 134, 1847-1858.	0.6	22
51	Loss of Orai2-Mediated Capacitative Ca ²⁺ Entry Is Neuroprotective in Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 3238-3245.	1.0	33
52	Defective Zn ²⁺ homeostasis in mouse and human platelets with Î±- and Î²-storage pool diseases. <i>Scientific Reports</i> , 2019, 9, 8333.	1.6	20
53	Targeting Platelet GPVI Plus rt-PA Administration but Not Î±2Î²1-Mediated Collagen Binding Protects against Ischemic Brain Damage in Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2019.	1.8	24
54	Identification of a Clinically Relevant Signature for Early Progression in KRAS-Driven Lung Adenocarcinoma. <i>Cancers</i> , 2019, 11, 600.	1.7	5

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55	Platelet GPIb β is a mediator and potential interventional target for NASH and subsequent liver cancer. <i>Nature Medicine</i> , 2019, 25, 641-655.	15.2	259
56	Inhibition of platelet GPVI induces intratumor hemorrhage and increases efficacy of chemotherapy in mice. <i>Blood</i> , 2019, 133, 2696-2706.	0.6	58
57	Platelet lamellipodium formation is not required for thrombus formation and stability. <i>Blood</i> , 2019, 134, 2318-2329.	0.6	35
58	Platelets as Modulators of Cerebral Ischemia/Reperfusion Injury. <i>Frontiers in Immunology</i> , 2019, 10, 2505.	2.2	69
59	How is the formation of microthrombi after traumatic brain injury linked to inflammation?. <i>Journal of Neuroimmunology</i> , 2019, 326, 9-13.	1.1	12
60	Store-operated calcium entry in thrombosis and thrombo-inflammation. <i>Cell Calcium</i> , 2019, 77, 39-48.	1.1	55
61	Functional significance of the platelet immune receptors GPVI and CLEC-2. <i>Journal of Clinical Investigation</i> , 2019, 129, 12-23.	3.9	216
62	The contribution of platelet glycoprotein receptors to inflammatory bleeding prevention is stimulus and organ dependent. <i>Haematologica</i> , 2018, 103, e256-e258.	1.7	50
63	Cathelicidins prime platelets to mediate arterial thrombosis and tissue inflammation. <i>Nature Communications</i> , 2018, 9, 1523.	5.8	86
64	Neutrophil infiltration to the brain is platelet-dependent, and is reversed by blockade of platelet GPIb. <i>Immunology</i> , 2018, 154, 322-328.	2.0	36
65	Influence of Thrombolysis on the Safety and Efficacy of Blocking Platelet Adhesion or Secretory Activity in Acute Ischemic Stroke in Mice. <i>Translational Stroke Research</i> , 2018, 9, 493-498.	2.3	12
66	GPVI signaling is compromised in newly formed platelets after acute thrombocytopenia in mice. <i>Blood</i> , 2018, 131, 1106-1110.	0.6	18
67	TRPM7 Kinase Controls Calcium Responses in Arterial Thrombosis and Stroke in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 344-352.	1.1	42
68	Profilin-mediated cytoskeletal rearrangements regulate integrin function in mouse platelets. <i>Blood Advances</i> , 2018, 2, 1040-1045.	2.5	12
69	ADAP deficiency impairs megakaryocyte polarization with ectopic proplatelet release and causes microthrombocytopenia. <i>Blood</i> , 2018, 132, 635-646.	0.6	32
70	Antibody-mediated inhibition of FXIIa blocks downstream bradykinin generation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1355-1358.	1.5	31
71	Model systems for platelet receptor shedding. <i>Platelets</i> , 2017, 28, 325-332.	1.1	25
72	Platelets in Acute Ischemic Stroke. , 2017, , 1029-1041.		3

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73	Platelet secretion is crucial to prevent bleeding in the ischemic brain but not in the inflamed skin or lung in mice. <i>Blood</i> , 2017, 129, 1702-1706.	0.6	54
74	GPVI and Thromboxane Receptor on Platelets Promote Proinflammatory Macrophage Phenotypes during Cutaneous Inflammation. <i>Journal of Investigative Dermatology</i> , 2017, 137, 686-695.	0.3	44
75	Congenital valvular defects associated with deleterious mutations in the PLD1 gene. <i>Journal of Medical Genetics</i> , 2017, 54, 278-286.	1.5	36
76	Tetraspanin Tspan9 regulates platelet collagen receptor GPVI lateral diffusion and activation. <i>Platelets</i> , 2017, 28, 629-642.	1.1	21
77	CLEC-2 contributes to hemostasis independently of classical hemiTAM signaling in mice. <i>Blood</i> , 2017, 130, 2224-2228.	0.6	41
78	The Neurobeachin-like 2 Protein Regulates Mast Cell Homeostasis. <i>Journal of Immunology</i> , 2017, 199, 2948-2957.	0.4	15
79	CK2 β regulates thrombopoiesis and Ca ²⁺ -triggered platelet activation in arterial thrombosis. <i>Blood</i> , 2017, 130, 2774-2785.	0.6	40
80	Thrombopoiesis is spatially regulated by the bone marrow vasculature. <i>Nature Communications</i> , 2017, 8, 127.	5.8	104
81	A Cdc42/RhoA regulatory circuit downstream of glycoprotein Ib guides transendothelial platelet biogenesis. <i>Nature Communications</i> , 2017, 8, 15838.	5.8	50
82	Blocking of platelet glycoprotein receptor Ib reduces "thrombo-inflammation" in mice with acute ischemic stroke. <i>Journal of Neuroinflammation</i> , 2017, 14, 18.	3.1	52
83	Platelets and Stroke. <i>Cardiac and Vascular Biology</i> , 2017, , 253-274.	0.2	1
84	Platelet receptors as therapeutic targets: Past, present and future. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1249-1257.	1.8	57
85	Twinfilin 2a regulates platelet reactivity and turnover in mice. <i>Blood</i> , 2017, 130, 1746-1756.	0.6	33
86	Mouse Models of Thrombosis. , 2017, , 681-698.		0
87	<sc>FXII</sc> a inhibitor <sc>rHA</sc>"festin"4: Safe thromboprotection in experimental venous, arterial and foreign surface-induced thrombosis. <i>British Journal of Haematology</i> , 2016, 173, 769-778.	1.2	36
88	Platelets in Ischemic Stroke. , 2016, , 293-306.		0
89	RhoA/ROCK guides NMII on the way to MK polyploidy. <i>Blood</i> , 2016, 128, 3025-3026.	0.6	2
90	Inhibition of Platelet GPVI Protects Against Myocardial Ischemia"Reperfusion Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 629-635.	1.1	60

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91	The Novel Oral Syk Inhibitor, BI1002494, Protects Mice From Arterial Thrombosis and Thromboinflammatory Brain Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1247-1253.	1.1	62
92	Proplatelet formation is selectively inhibited by collagen type I via Syk-independent GPVI signaling. <i>Journal of Cell Science</i> , 2016, 129, 3473-84.	1.2	37
93	Perivascular Mast Cells Govern Shear Stress-Induced Arteriogenesis by Orchestrating Leukocyte Function. <i>Cell Reports</i> , 2016, 16, 2197-2207.	2.9	55
94	TMEM16F-Mediated Platelet Membrane Phospholipid Scrambling Is Critical for Hemostasis and Thrombosis but not Thromboinflammation in Miceâ€”Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2152-2157.	1.1	45
95	A gain-of-function variant in DIAPH1 causes dominant macrothrombocytopenia and hearing loss. <i>Blood</i> , 2016, 127, 2903-2914.	0.6	121
96	FcÎ³RIIB on liver sinusoidal endothelial cells is essential for antibody-induced GPVI ectodomain shedding in mice. <i>Blood</i> , 2016, 128, 862-865.	0.6	9
97	Targeting coagulation factor XII as a novel therapeutic option in brain trauma. <i>Annals of Neurology</i> , 2016, 79, 970-982.	2.8	28
98	Survival protein anoctaminâ€6 controls multiple platelet responses including phospholipid scrambling, swelling, and protein cleavage. <i>FASEB Journal</i> , 2016, 30, 727-737.	0.2	52
99	Defects in TRPM7 channel function deregulate thrombopoiesis through altered cellular Mg2+ homeostasis and cytoskeletal architecture. <i>Nature Communications</i> , 2016, 7, 11097.	5.8	84
100	Partially Defective Store Operated Calcium Entry and Hem(ITAM) Signaling in Platelets of Serotonin Transporter Deficient Mice. <i>PLoS ONE</i> , 2016, 11, e0147664.	1.1	25
101	Phospholipases D1 and D2 Suppress Appetite and Protect against Overweight. <i>PLoS ONE</i> , 2016, 11, e0157607.	1.1	25
102	Mouse Models for Platelet Production and Function. , 2016, , 239-263.		0
103	The expression of mouse CLECâ€2 on leucocyte subsets varies according to their anatomical location and inflammatory state. <i>European Journal of Immunology</i> , 2015, 45, 2484-2493.	1.6	38
104	Cooperative and alternate functions for STIM1 and STIM2 in macrophage activation and in the context of inflammation. <i>Immunity, Inflammation and Disease</i> , 2015, 3, 154-170.	1.3	22
105	Rap1-GTPâ€interacting adaptor molecule (RIAM) is dispensable for platelet integrin activation and function in mice. <i>Blood</i> , 2015, 125, 219-222.	0.6	73
106	Podoplanin and CLEC-2 drive cerebrovascular patterning and integrity during development. <i>Blood</i> , 2015, 125, 3769-3777.	0.6	73
107	Targeted downregulation of platelet CLEC-2 occurs through Syk-independent internalization. <i>Blood</i> , 2015, 125, 4069-4077.	0.6	34
108	Single platelets seal neutrophil-induced vascular breaches via GPVI during immune-complexâ€mediated inflammation in mice. <i>Blood</i> , 2015, 126, 1017-1026.	0.6	149

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109	Platelet-derived VWF is not essential for normal thrombosis and hemostasis but fosters ischemic stroke injury in mice. <i>Blood</i> , 2015, 126, 1715-1722.	0.6	65
110	PLD1 participates in BDNF-induced signalling in cortical neurons. <i>Scientific Reports</i> , 2015, 5, 14778.	1.6	27
111	Orai1 controls C5a-induced neutrophil recruitment in inflammation. <i>European Journal of Immunology</i> , 2015, 45, 2143-2153.	1.6	26
112	STIM1, STIM2, and Orai1 regulate store-operated calcium entry and purinergic activation of microglia. <i>Glia</i> , 2015, 63, 652-663.	2.5	90
113	Normal Platelet Integrin Function in Mice Lacking Hydrogen Peroxide-Induced Clone-5 (Hic-5). <i>PLoS ONE</i> , 2015, 10, e0133429.	1.1	4
114	Megakaryocyte rupture for acute platelet needs. <i>Journal of Cell Biology</i> , 2015, 209, 327-328.	2.3	11
115	Phosphorothioate backbone modifications of nucleotide-based drugs are potent platelet activators. <i>Journal of Experimental Medicine</i> , 2015, 212, 129-137.	4.2	87
116	Critical Role of Platelet Glycoprotein Ib α in Arterial Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 589-597.	1.1	30
117	Blocking of plasma kallikrein ameliorates stroke by reducing thromboinflammation. <i>Annals of Neurology</i> , 2015, 77, 784-803.	2.8	78
118	CD28 Superagonist-Mediated Boost of Regulatory T Cells Increases Thrombo-Inflammation and Ischemic Neurodegeneration during the Acute Phase of Experimental Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 6-10.	2.4	67
119	Platelets are relevant mediators of renal injury induced by primary endothelial lesions. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F1238-F1246.	1.3	19
120	Platelet glycoprotein VI binds to polymerized fibrin and promotes thrombin generation. <i>Blood</i> , 2015, 126, 683-691.	0.6	203
121	Platelet G α protein β 2 is an essential mediator of thrombo-inflammatory organ damage in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6491-6496.	3.3	35
122	Efficacy and Safety of Platelet Glycoprotein Receptor Blockade in Aged and Comorbid Mice With Acute Experimental Stroke. <i>Stroke</i> , 2015, 46, 3502-3506.	1.0	54
123	SLAP/SLAP2 prevent excessive platelet (hem)ITAM signaling in thrombosis and ischemic stroke in mice. <i>Blood</i> , 2015, 125, 185-194.	0.6	27
124	Phospholipase D1 facilitates second-phase myoblast fusion and skeletal muscle regeneration. <i>Molecular Biology of the Cell</i> , 2015, 26, 506-517.	0.9	23
125	Subthreshold IKK activation modulates the effector functions of primary mast cells and allows specific targeting of transformed mast cells. <i>Oncotarget</i> , 2015, 6, 5354-5368.	0.8	12
126	Megakaryocyte rupture for acute platelet needs. <i>Journal of Experimental Medicine</i> , 2015, 212, 2125OIA24.	4.2	0

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127	The Adaptor Protein Swiprosin-1/EFhd2 Is Dispensable for Platelet Function in Mice. <i>PLoS ONE</i> , 2014, 9, e107139.	1.1	6
128	Syk and Src Family Kinases Regulate C-type Lectin Receptor 2 (CLEC-2)-mediated Clustering of Podoplanin and Platelet Adhesion to Lymphatic Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 35695-35710.	1.6	70
129	Megakaryocyte-specific Profilin1-deficiency alters microtubule stability and causes a Wiskottâ€Aldrich syndrome-like platelet defect. <i>Nature Communications</i> , 2014, 5, 4746.	5.8	81
130	Phospholipase D1 is involved in Î±â€Adrenergic contraction of murine vascular smooth muscle. <i>FASEB Journal</i> , 2014, 28, 1044-1048.	0.2	5
131	Targeting Glycoprotein VI and the Immunoreceptor Tyrosine-Based Activation Motif Signaling Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1615-1620.	1.1	44
132	Phospholipase D1 mediates lymphocyte adhesion and migration in experimental autoimmune encephalomyelitis. <i>European Journal of Immunology</i> , 2014, 44, 2295-2305.	1.6	28
133	Growth Factor Receptorâ€Bound Protein 2 Contributes to (Hem)Immunoreceptor Tyrosine-Based Activation Motifâ€Mediated Signaling in Platelets. <i>Circulation Research</i> , 2014, 114, 444-453.	2.0	18
134	Impaired brain development and reduced cognitive function in phospholipase D-deficient mice. <i>Neuroscience Letters</i> , 2014, 572, 48-52.	1.0	33
135	Mechanistic explanation for platelet contribution to cancer metastasis. <i>Thrombosis Research</i> , 2014, 133, S149-S157.	0.8	134
136	Analysis of the role of von Willebrand factor, platelet glycoprotein VI-, and Î²2Î²1-mediated collagen binding in thrombus formation. <i>Blood</i> , 2014, 124, 1799-1807.	0.6	26
137	Platelets mediate lymphovenous hemostasis to maintain blood-lymphatic separation throughout life. <i>Journal of Clinical Investigation</i> , 2014, 124, 273-284.	3.9	179
138	Von Willebrand Factor Regulation in Patients with Acute and Chronic Cerebrovascular Disease: A Pilot, Caseâ€Control Study. <i>PLoS ONE</i> , 2014, 9, e99851.	1.1	27
139	Mice Lacking the SLAM Family Member CD84 Display Unaltered Platelet Function in Hemostasis and Thrombosis. <i>PLoS ONE</i> , 2014, 9, e115306.	1.1	14
140	Aberrant Microtubule Organization and Wiskott-Aldrich Syndrome-like Defects in Platelets and Megakaryocytes of Profilin1-Deficient Mice. <i>Blood</i> , 2014, 124, 4200-4200.	0.6	0
141	Podoplanin maintains high endothelial venule integrity by interacting with platelet CLEC-2. <i>Nature</i> , 2013, 502, 105-109.	13.7	275
142	Endothelial TWIK-related potassium channel-1 (TREK1) regulates immune-cell trafficking into the CNS. <i>Nature Medicine</i> , 2013, 19, 1161-1165.	15.2	136
143	Regulatory T cells are strong promoters of acute ischemic stroke in mice by inducing dysfunction of the cerebral microvasculature. <i>Blood</i> , 2013, 121, 679-691.	0.6	300
144	Integrin Î± ₆ Î² ₁ Is the Main Receptor for Vascular Laminins and Plays a Role in Platelet Adhesion, Activation, and Arterial Thrombosis. <i>Circulation</i> , 2013, 128, 541-552.	1.6	85

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145	Pharmacological Inhibition of Phospholipase D Protects Mice From Occlusive Thrombus Formation and Ischemic Stroke—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2212-2217.	1.1	60
146	FTY720 Ameliorates Acute Ischemic Stroke in Mice by Reducing Thrombo-Inflammation but Not by Direct Neuroprotection. <i>Stroke</i> , 2013, 44, 3202-3210.	1.0	164
147	Combined In Vivo Depletion of Glycoprotein VI and C-Type Lectin-Like Receptor 2 Severely Compromises Hemostasis and Abrogates Arterial Thrombosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 926-934.	1.1	121
148	The <i>Nbeal2</i> ^{−/−} mouse as a model for the gray platelet syndrome. <i>Rare Diseases (Austin, Tex)</i> , 2013, 1, e26561.	1.8	20
149	Only severe thrombocytopenia results in bleeding and defective thrombus formation in mice. <i>Blood</i> , 2013, 121, 4938-4947.	0.6	114
150	Defective tubulin organization and proplatelet formation in murine megakaryocytes lacking Rac1 and Cdc42. <i>Blood</i> , 2013, 122, 3178-3187.	0.6	94
151	(Dis)solving the stroke problem by vWF inhibition?. <i>Blood</i> , 2013, 121, 4972-4974.	0.6	3
152	Gray platelet syndrome and defective thrombo-inflammation in <i>Nbeal2</i> -deficient mice. <i>Journal of Clinical Investigation</i> , 2013, 123, 3331-3342.	3.9	151
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