

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
g-index

261
all docs

261
docs citations

261
times ranked

16574
citing authors

#	ARTICLE	IF	CITATIONS
1	Platelet-collagen interaction: is GPVI the central receptor?. <i>Blood</i> , 2003, 102, 449-461.	0.6	974
2	Defective thrombus formation in mice lacking coagulation factor XII. <i>Journal of Experimental Medicine</i> , 2005, 202, 271-281.	4.2	618
3	Kindlin-3 is essential for integrin activation and platelet aggregation. <i>Nature Medicine</i> , 2008, 14, 325-330.	15.2	599
4	Cell Adhesion Mechanisms in Platelets. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 403-412.	1.1	505
5	A Crucial Role of Glycoprotein VI for Platelet Recruitment to the Injured Arterial Wall In Vivo. <i>Journal of Experimental Medicine</i> , 2003, 197, 41-49.	4.2	453
6	Targeting coagulation factor XII provides protection from pathological thrombosis in cerebral ischemia without interfering with hemostasis. <i>Journal of Experimental Medicine</i> , 2006, 203, 513-518.	4.2	407
7	Platelet-Mediated Modulation of Adaptive Immunity. <i>Immunity</i> , 2003, 19, 9-19.	6.6	353
8	Targeting Platelets in Acute Experimental Stroke. <i>Circulation</i> , 2007, 115, 2323-2330.	1.6	338
9	Long-Term Antithrombotic Protection by in Vivo Depletion of Platelet Glycoprotein VI in Mice. <i>Journal of Experimental Medicine</i> , 2001, 193, 459-470.	4.2	321
10	Early detrimental T-cell effects in experimental cerebral ischemia are neither related to adaptive immunity nor thrombus formation. <i>Blood</i> , 2010, 115, 3835-3842.	0.6	315
11	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
12	Podoplanin maintains high endothelial venule integrity by interacting with platelet CLEC-2. <i>Nature</i> , 2013, 502, 105-109.	13.7	275
13	Platelet GPIIb/IIIa is a mediator and potential interventional target for NASH and subsequent liver cancer. <i>Nature Medicine</i> , 2019, 25, 641-655.	15.2	259
14	Identification of critical antigen-specific mechanisms in the development of immune thrombocytopenic purpura in mice. <i>Blood</i> , 2000, 96, 2520-2527.	0.6	258
15	Orai1 (CRACM1) is the platelet SOC channel and essential for pathological thrombus formation. <i>Blood</i> , 2009, 113, 2056-2063.	0.6	239
16	Integrin $\alpha 2$ -Deficient Mice Develop Normally, Are Fertile, but Display Partially Defective Platelet Interaction with Collagen. <i>Journal of Biological Chemistry</i> , 2002, 277, 10789-10794.	1.6	238
17	STIM2 Regulates Capacitive Ca ²⁺ Entry in Neurons and Plays a Key Role in Hypoxic Neuronal Cell Death. <i>Science Signaling</i> , 2009, 2, ra67.	1.6	233
18	G13 is an essential mediator of platelet activation in hemostasis and thrombosis. <i>Nature Medicine</i> , 2003, 9, 1418-1422.	15.2	227

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19	Loss of talin1 in platelets abrogates integrin activation, platelet aggregation, and thrombus formation in vitro and in vivo. <i>Journal of Experimental Medicine</i> , 2007, 204, 3113-3118.	4.2	227
20	Functional significance of the platelet immune receptors GPVI and CLEC-2. <i>Journal of Clinical Investigation</i> , 2019, 129, 12-23.	3.9	216
21	The calcium sensor STIM1 is an essential mediator of arterial thrombosis and ischemic brain infarction. <i>Journal of Experimental Medicine</i> , 2008, 205, 1583-1591.	4.2	210
22	Platelet glycoprotein VI binds to polymerized fibrin and promotes thrombin generation. <i>Blood</i> , 2015, 126, 683-691.	0.6	203
23	CLEC-2 is an essential platelet-activating receptor in hemostasis and thrombosis. <i>Blood</i> , 2009, 114, 3464-3472.	0.6	200
24	Expression and Function of the Mouse Collagen Receptor Glycoprotein VI Is Strictly Dependent on Its Association with the FcR γ Chain. <i>Journal of Biological Chemistry</i> , 2000, 275, 23998-24002.	1.6	195
25	Thrombo-inflammation in acute ischaemic stroke – implications for treatment. <i>Nature Reviews Neurology</i> , 2019, 15, 473-481.	4.9	194
26	Molecular mechanisms of thrombus formation in ischemic stroke: novel insights and targets for treatment. <i>Blood</i> , 2008, 112, 3555-3562.	0.6	190
27	von Willebrand factor promotes leukocyte extravasation. <i>Blood</i> , 2010, 116, 4712-4719.	0.6	179
28	Platelets mediate lymphovenous hemostasis to maintain blood-lymphatic separation throughout life. <i>Journal of Clinical Investigation</i> , 2014, 124, 273-284.	3.9	179
29	A platelet-mediated system for shuttling blood-borne bacteria to CD8 α ⁺ dendritic cells depends on glycoprotein GPIb and complement C3. <i>Nature Immunology</i> , 2011, 12, 1194-1201.	7.0	178
30	Factor XIIa Inhibitor Recombinant Human Albumin Infestin-4 Abolishes Occlusive Arterial Thrombus Formation Without Affecting Bleeding. <i>Circulation</i> , 2010, 121, 1510-1517.	1.6	177
31	Impaired α _{IIb} β ₃ Integrin Activation and Shear-Dependent Thrombus Formation in Mice Lacking Phospholipase D1. <i>Science Signaling</i> , 2010, 3, ra1.	1.6	175
32	Platelets Contribute to the Pathogenesis of Experimental Autoimmune Encephalomyelitis. <i>Circulation Research</i> , 2012, 110, 1202-1210.	2.0	172
33	Platelet receptor signaling in thrombus formation. <i>Journal of Molecular Medicine</i> , 2011, 89, 109-121.	1.7	169
34	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
35	Ischaemic stroke: a thrombo-inflammatory disease?. <i>Journal of Physiology</i> , 2011, 589, 4115-4123.	1.3	162
36	Structural and functional characterization of the mouse von Willebrand factor receptor GPIb-IX with novel monoclonal antibodies. <i>Blood</i> , 2000, 95, 886-893.	0.6	152

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37	Gray platelet syndrome and defective thrombo-inflammation in Nbeal2-deficient mice. <i>Journal of Clinical Investigation</i> , 2013, 123, 3331-3342.	3.9	151
38	Megakaryocyte-specific RhoA deficiency causes macrothrombocytopenia and defective platelet activation in hemostasis and thrombosis. <i>Blood</i> , 2012, 119, 1054-1063.	0.6	150
39	Single platelets seal neutrophil-induced vascular breaches via GPVI during immune-complex-mediated inflammation in mice. <i>Blood</i> , 2015, 126, 1017-1026.	0.6	149
40	Deficiency of von Willebrand factor protects mice from ischemic stroke. <i>Blood</i> , 2009, 113, 3600-3603.	0.6	148
41	In Vivo Thrombus Formation in Murine Models. <i>Circulation Research</i> , 2007, 100, 979-991.	2.0	140
42	An EF hand mutation in Stim1 causes premature platelet activation and bleeding in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 3540-3550.	3.9	139
43	Flow cytometric detection of activated mouse integrin α IIb β 3 with a novel monoclonal antibody. <i>Cytometry</i> , 2002, 48, 80-86.	1.8	136
44	Complementary roles of platelet glycoprotein VI and integrin α 2 β 1 in collagen-induced thrombus formation in flowing whole blood ex vivo. <i>FASEB Journal</i> , 2003, 17, 685-687.	0.2	136
45	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
46	Mechanistic explanation for platelet contribution to cancer metastasis. <i>Thrombosis Research</i> , 2014, 133, S149-S157.	0.8	134
47	Platelet glycoprotein V binds to collagen and participates in platelet adhesion and aggregation. <i>Blood</i> , 2001, 98, 1038-1046.	0.6	122
48	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
49	A gain-of-function variant in DIAPH1 causes dominant macrothrombocytopenia and hearing loss. <i>Blood</i> , 2016, 127, 2903-2914.	0.6	121
50	Key Roles for the Lipid Signaling Enzyme Phospholipase D1 in the Tumor Microenvironment During Tumor Angiogenesis and Metastasis. <i>Science Signaling</i> , 2012, 5, ra79.	1.6	120
51	Multiple integrin-ligand interactions synergize in shear-resistant platelet adhesion at sites of arterial injury in vivo. <i>Blood</i> , 2003, 102, 4021-4027.	0.6	119
52	Kininogen deficiency protects from ischemic neurodegeneration in mice by reducing thrombosis, blood-brain barrier damage, and inflammation. <i>Blood</i> , 2012, 120, 4082-4092.	0.6	119
53	Platelet GPVI: a target for antithrombotic therapy?!. <i>Trends in Pharmacological Sciences</i> , 2012, 33, 583-590.	4.0	118
54	Differentially regulated GPVI ectodomain shedding by multiple platelet-expressed proteinases. <i>Blood</i> , 2010, 116, 3347-3355.	0.6	116

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55	Multiple alterations of platelet functions dominated by increased secretion in mice lacking Cdc42 in platelets. <i>Blood</i> , 2010, 115, 3364-3373.	0.6	114
56	Only severe thrombocytopenia results in bleeding and defective thrombus formation in mice. <i>Blood</i> , 2013, 121, 4938-4947.	0.6	114
57	Impact of glycoprotein VI and platelet adhesion on atherosclerosis—A possible role of fibronectin. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 532-542.	0.9	107
58	STIM1 is essential for Fc β 3 receptor activation and autoimmune inflammation. <i>Blood</i> , 2009, 113, 1097-1104.	0.6	105
59	Thrombopoiesis is spatially regulated by the bone marrow vasculature. <i>Nature Communications</i> , 2017, 8, 127.	5.8	104
60	Anti- β 2-TG1 Treatment Severely Compromises Hemostasis in Mice With Reduced β 2-TG1 Levels or Concomitant Aspirin Therapy. <i>Circulation</i> , 2004, 110, 2946-2951.	1.6	102
61	Rac1 is essential for phospholipase C β 2 activation in platelets. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 457, 1173-1185.	1.3	102
62	Costimulation of Gi- and G12/G13-mediated Signaling Pathways Induces Integrin β 3 Activation in Platelets. <i>Journal of Biological Chemistry</i> , 2002, 277, 39493-39498.	1.6	100
63	Roles of Platelet STIM1 and Orai1 in Glycoprotein VI- and Thrombin-dependent Procoagulant Activity and Thrombus Formation. <i>Journal of Biological Chemistry</i> , 2010, 285, 23629-23638.	1.6	100
64	Deficiency of the Tetraspanin CD63 Associated with Kidney Pathology but Normal Lysosomal Function. <i>Molecular and Cellular Biology</i> , 2009, 29, 1083-1094.	1.1	99
65	Evidence for a Role of ADAM17 (TACE) in the Regulation of Platelet Glycoprotein V. <i>Journal of Biological Chemistry</i> , 2005, 280, 14462-14468.	1.6	97
66	Stromal Interaction Molecules 1 and 2 Are Key Regulators of Autoreactive T Cell Activation in Murine Autoimmune Central Nervous System Inflammation. <i>Journal of Immunology</i> , 2010, 184, 1536-1542.	0.4	96
67	Engagement of β 3 (GPIIb/IIIa) with α 2 β 3 Integrin Mediates Interaction of Melanoma Cells with Platelets. <i>Journal of Biological Chemistry</i> , 2012, 287, 2168-2178.	1.6	95
68	Defective tubulin organization and proplatelet formation in murine megakaryocytes lacking Rac1 and Cdc42. <i>Blood</i> , 2013, 122, 3178-3187.	0.6	94
69	STIM1, STIM2, and Orai1 regulate store-operated calcium entry and purinergic activation of microglia. <i>Glia</i> , 2015, 63, 652-663.	2.5	90
70	Phosphorothioate backbone modifications of nucleotide-based drugs are potent platelet activators. <i>Journal of Experimental Medicine</i> , 2015, 212, 129-137.	4.2	87
71	Differential Regulation of Rho and Rac through Heterotrimeric G-proteins and Cyclic Nucleotides. <i>Journal of Biological Chemistry</i> , 2001, 276, 47906-47913.	1.6	86
72	Evidence for cross-talk between glycoprotein VI and Gi-coupled receptors during collagen-induced platelet aggregation. <i>Blood</i> , 2001, 97, 3829-3835.	0.6	86

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73	Absence of GPIb α is responsible for aberrant membrane development during megakaryocyte maturation. <i>Experimental Hematology</i> , 2002, 30, 352-360.	0.2	86
74	Cathelicidins prime platelets to mediate arterial thrombosis and tissue inflammation. <i>Nature Communications</i> , 2018, 9, 1523.	5.8	86
75	Relative antithrombotic effect of soluble GPVI dimer compared with anti-GPVI antibodies in mice. <i>Blood</i> , 2005, 105, 1492-1499.	0.6	85
76	Integrin α ₆ β 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
77	Defects in TRPM7 channel function deregulate thrombopoiesis through altered cellular Mg ²⁺ homeostasis and cytoskeletal architecture. <i>Nature Communications</i> , 2016, 7, 11097.	5.8	84
78	Cholesterol loss during glutamate-mediated excitotoxicity. <i>EMBO Journal</i> , 2012, 31, 1764-1773.	3.5	83
79	The Glycoprotein VI-Phospholipase C β 2 Signaling Pathway Controls Thrombus Formation Induced by Collagen and Tissue Factor In Vitro and In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2673-2678.	1.1	82
80	Store-operated Ca ²⁺ entry in platelets occurs independently of transient receptor potential (TRP) C1. <i>Pflügers Archiv European Journal of Physiology</i> , 2008, 457, 377-387.	1.3	81
81	Megakaryocyte-specific Profilin1-deficiency alters microtubule stability and causes a Wiskott-Aldrich syndrome-like platelet defect. <i>Nature Communications</i> , 2014, 5, 4746.	5.8	81
82	C1-Inhibitor Protects From Brain Ischemia-Reperfusion Injury by Combined Antiinflammatory and Antithrombotic Mechanisms. <i>Stroke</i> , 2012, 43, 2457-2467.	1.0	80
83	GPVI down-regulation in murine platelets through metalloproteinase-dependent shedding. <i>Thrombosis and Haemostasis</i> , 2004, 91, 951-958.	1.8	79
84	Blocking of plasma kallikrein ameliorates stroke by reducing thromboinflammation. <i>Annals of Neurology</i> , 2015, 77, 784-803.	2.8	78
85	STIM and Orai in platelet function. <i>Cell Calcium</i> , 2011, 50, 270-278.	1.1	77
86	The dimeric platelet collagen receptor GPVI-Fc reduces platelet adhesion to activated endothelium and preserves myocardial function after transient ischemia in mice. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C757-C766.	2.1	77
87	Rhodocytin (Aggretin) Activates Platelets Lacking α ₂ β ₁ Integrin, Glycoprotein VI, and the Ligand-binding Domain of Glycoprotein Ib α . <i>Journal of Biological Chemistry</i> , 2001, 276, 25121-25126.	1.6	76
88	Combating innate inflammation: a new paradigm for acute treatment of stroke?. <i>Annals of the New York Academy of Sciences</i> , 2010, 1207, 149-154.	1.8	76
89	Inhibition of Platelet GPIb α and Promotion of Melanoma Metastasis. <i>Journal of Investigative Dermatology</i> , 2010, 130, 576-586.	0.3	75
90	STIM1-Independent T Cell Development and Effector Function In Vivo. <i>Journal of Immunology</i> , 2009, 182, 3390-3397.	0.4	73

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91	ADF/n-cofilin-dependent actin turnover determines platelet formation and sizing. <i>Blood</i> , 2010, 116, 1767-1775.	0.6	73
92	Rap1-GTP-interacting adaptor molecule (RIAM) is dispensable for platelet integrin activation and function in mice. <i>Blood</i> , 2015, 125, 219-222.	0.6	73
93	Podoplanin and CLEC-2 drive cerebrovascular patterning and integrity during development. <i>Blood</i> , 2015, 125, 3769-3777.	0.6	73
94	Platelet glycoprotein VI promotes metastasis through interaction with cancer cell-derived Galectin-3. <i>Blood</i> , 2020, 135, 1146-1160.	0.6	71
95	CEACAM1 negatively regulates platelet-collagen interactions and thrombus growth in vitro and in vivo. <i>Blood</i> , 2009, 113, 1818-1828.	0.6	70
96	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
97	Acute Systemic Reaction and Lung Alterations Induced by an Antiplatelet Integrin gpIIb/IIIa Antibody in Mice. <i>Blood</i> , 1999, 94, 684-693.	0.6	69
98	Platelets as Modulators of Cerebral Ischemia/Reperfusion Injury. <i>Frontiers in Immunology</i> , 2019, 10, 2505.	2.2	69
99	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
100	Mice Lacking the ITIM-Containing Receptor G6b-B Exhibit Macrothrombocytopenia and Aberrant Platelet Function. <i>Science Signaling</i> , 2012, 5, ra78.	1.6	65
101	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
102	Diverging signaling events control the pathway of GPVI down-regulation in vivo. <i>Blood</i> , 2007, 110, 529-535.	0.6	64
103	Binding of von Willebrand Factor to Collagen and Glycoprotein Ib α , But Not to Glycoprotein IIb/IIIa, Contributes to Ischemic Stroke in Mice Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1949-1951.	1.1	63
104	Reduced thrombus stability in mice lacking the β 2A-adrenergic receptor. <i>Blood</i> , 2006, 108, 510-514.	0.6	62
105	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
106	A Novel Viper Venom Metalloproteinase, Alborhagin, Is an Agonist at the Platelet Collagen Receptor GPVI. <i>Journal of Biological Chemistry</i> , 2001, 276, 28092-28097.	1.6	60
107	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
108	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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109	Inhibition of platelet GPVI induces intratumor hemorrhage and increases efficacy of chemotherapy in mice. <i>Blood</i> , 2019, 133, 2696-2706.	0.6	58
110	Targeting of the collagen-binding site on glycoprotein VI is not essential for in vivo depletion of the receptor. <i>Blood</i> , 2003, 101, 3948-3952.	0.6	57
111	Platelet receptors as therapeutic targets: Past, present and future. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1249-1257.	1.8	57
112	Unresponsiveness of Platelets Lacking Both G_{i1q} and G_{i13} . <i>Journal of Biological Chemistry</i> , 2004, 279, 45354-45359.	1.6	56
113	Aspirin Induces Platelet Receptor Shedding via ADAM17 (TACE). <i>Journal of Biological Chemistry</i> , 2005, 280, 39716-39722.	1.6	56
114	Perivascular Mast Cells Govern Shear Stress-Induced Arteriogenesis by Orchestrating Leukocyte Function. <i>Cell Reports</i> , 2016, 16, 2197-2207.	2.9	55
115	Store-operated calcium entry in thrombosis and thrombo-inflammation. <i>Cell Calcium</i> , 2019, 77, 39-48.	1.1	55
116	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
117	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
118	Heterotrimeric G Protein Subunit G_{i1q} Is a Master Switch for G_{i213} -Mediated Calcium Mobilization by Gi-Coupled GPCRs. <i>Molecular Cell</i> , 2020, 80, 940-954.e6.	4.5	54
119	Survival protein anoctamin-6 controls multiple platelet responses including phospholipid scrambling, swelling, and protein cleavage. <i>FASEB Journal</i> , 2016, 30, 727-737.	0.2	52
120	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
121	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
122	A Cdc42/RhoA regulatory circuit downstream of glycoprotein Ib guides transendothelial platelet biogenesis. <i>Nature Communications</i> , 2017, 8, 15838.	5.8	50
123	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
124	Local Leukocyte Invasion during Hyperacute Human Ischemic Stroke. <i>Annals of Neurology</i> , 2020, 87, 466-479.	2.8	50
125	Blocking of Platelets or Intrinsic Coagulation Pathway-Driven Thrombosis Does Not Prevent Cerebral Infarctions Induced by Photothrombosis. <i>Stroke</i> , 2008, 39, 1262-1268.	1.0	48
126	Two-Phase Antithrombotic Protection After Anti-Glycoprotein VI Treatment in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1640-1647.	1.1	47

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127	Differential effects of reduced glycoprotein VI levels on activation of murine platelets by glycoprotein VI ligands. <i>Biochemical Journal</i> , 2002, 368, 293-300.	1.7	45
128	TMEM16F-Mediated Platelet Membrane Phospholipid Scrambling Is Critical for Hemostasis and Thrombosis but not Thromboinflammation in Mice. <i>Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2152-2157.	1.1	45
129	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
130	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
131	STIM and Orai in hemostasis and thrombosis. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 2144.	3.0	42
132	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
133	Genetic variation responsible for mouse strain differences in integrin $\alpha 2$ expression is associated with altered platelet responses to collagen. <i>Blood</i> , 2004, 103, 3396-3402.	0.6	41
134	CLEC-2 contributes to hemostasis independently of classical hemiTAM signaling in mice. <i>Blood</i> , 2017, 130, 2224-2228.	0.6	41
135	Antithrombotic Potential of Blockers of Store-Operated Calcium Channels in Platelets. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1717-1723.	1.1	40
136	CK2 β regulates thrombopoiesis and Ca ²⁺ -triggered platelet activation in arterial thrombosis. <i>Blood</i> , 2017, 130, 2774-2785.	0.6	40
137	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
138	The expression of mouse CLEC $\beta 2$ 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
139	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
140	Evidence for Two Distinct Epitopes within Collagen for Activation of Murine Platelets. <i>Journal of Biological Chemistry</i> , 2001, 276, 364-368.	1.6	36
141	FXIIa inhibitor rHA α 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
142	Congenital valvular defects associated with deleterious mutations in the PLD1 gene. <i>Journal of Medical Genetics</i> , 2017, 54, 278-286.	1.5	36
143	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
144	Platelet G α protein $\beta 2$ 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

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145	Platelet lamellipodium formation is not required for thrombus formation and stability. <i>Blood</i> , 2019, 134, 2318-2329.	0.6	35
146	Role of murine integrin $\alpha 2 \beta 1$ in thrombus stabilization and embolization: Contribution of thromboxane A2. <i>Thrombosis and Haemostasis</i> , 2007, 98, 1072-1080.	1.8	34
147	Targeted downregulation of platelet CLEC-2 occurs through Syk-independent internalization. <i>Blood</i> , 2015, 125, 4069-4077.	0.6	34
148	Altered BCR signalling quality predisposes to autoimmune disease and a pre-diabetic state. <i>EMBO Journal</i> , 2012, 31, 3363-3374.	3.5	33
149	Impaired brain development and reduced cognitive function in phospholipase D-deficient mice. <i>Neuroscience Letters</i> , 2014, 572, 48-52.	1.0	33
150	Loss of Orai2-Mediated Capacitative Ca^{2+} Entry Is Neuroprotective in Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 3238-3245.	1.0	33
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