# Bernhard Nieswandt

List of Publications by Year
in descending order

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|---|---|---|---|
| 255 papers | 20,293 citations | 7672 79 h-index | 14012 133 g-index |
| 261 all docs | 261 docs citations | 261 times ranked | 17938 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Platelet Activation and Chemokine Release Are Related to Local Neutrophil-Dominant Inflammation During Hyperacute Human Stroke. Translational Stroke Research, 2022, 13, 364-369. | 2.3 | 19 |
| 2 | Thymosin Î²4 is essential for thrombus formation by controlling the G-actin/F-actin equilibrium in platelets. Haematologica, 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 thrombocythemia. Blood, 2022, 139, 2227-2239. | 0.6 | 8 |
| 4 | Mapping densely packed Î±IIbÎ²3 receptors in murine blood platelets with expansion microscopy. Platelets, 2022, 33, 849-858. | 1.1 | 3 |
| 5 | G6b-B regulates an essential step in megakaryocyte maturation. Blood Advances, 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. International Journal of Molecular Sciences, 2022, 23, 2440. | 1.8 | 7 |
| 8 | Rasa3 deficiency minimally affects thrombopoiesis but promotes severe thrombocytopenia due to integrin-dependent platelet clearance. JCI Insight, 2022, 7, . | 2.3 | 6 |
| 9 | Confocal Real-Time Analysis of Cutaneous Platelet Recruitment during Immune Complexâ€'Mediated Inflammation. Journal of Investigative Dermatology, 2022, 142, 2724-2732.e3. | 0.3 | 4 |
| 10 | Platelets drive fibronectin fibrillogenesis using integrin Î±IIbÎ²3. Science Advances, 2022, 8, eabj8331. | 4.7 | 11 |
| 11 | Both G proteinâ€"coupled and immunoreceptor tyrosine-based activation motif receptors mediate venous thrombosis in mice. Blood, 2022, 139, 3194-3203. | 0.6 | 13 |
| 12 | Rac Inhibition Causes Impaired GPVI Signalling in Human Platelets through GPVI Shedding and Reduction in PLCÎ³2 Phosphorylation. International Journal of Molecular Sciences, 2022, 23, 3746. | 1.8 | 3 |
| 13 | Activated Platelets Upregulate Î²2 Integrin Mac-1 (CD11b/CD18) on Dendritic Cells, Which Mediates Heterotypic Cellâ€"Cell Interaction. Journal of Immunology, 2022, 208, 1729-1741. | 0.4 | 7 |
| 14 | Temporal Roles of Platelet and Coagulation Pathways in Collagen- and Tissue Factor-Induced Thrombus Formation. International Journal of Molecular Sciences, 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. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1561-1567. | 2.4 | 5 |
| 16 | Impaired microtubule dynamics contribute to microthrombocytopenia in RhoB-deficient mice. Blood Advances, 2022, 6, 5184-5197. | 2.5 | 2 |
| 17 | Lymphatic blood filling in CLEC-2-deficient mouse models. Platelets, 2021, 32, 352-367. | 1.1 | 16 |
| 18 | Different DOACs Control Inflammation in Cardiac Ischemia-Reperfusion Differently. Circulation Research, 2021, 128, 513-529. | 2.0 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Differential Role of Glycoprotein VI in Mouse and Human Thrombus Progression and Stability. Thrombosis and Haemostasis, 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. Thrombosis and Haemostasis, 2021, 121, 1435-1447. | 1.8 | 19 |
| 21 | Platelets and lymphocytes drive progressive penumbral tissue loss during middle cerebral artery occlusion in mice. Journal of Neuroinflammation, 2021, 18, 46. | 3.1 | 18 |
| 22 | XPoRting (poly)phosphates limits thrombosis. Blood, 2021, 137, 1278-1280. | 0.6 | 0 |
| 23 | Differential regulation of the platelet GPIbâ€IX complex by antiâ€GPIbÎ² antibodies. Journal of Thrombosis and Haemostasis, 2021, 19, 2044-2055. | 1.9 | 7 |
| 24 | RhoA/Cdc42 signaling drives cytoplasmic maturation but not endomitosis in megakaryocytes. Cell Reports, 2021, 35, 109102. | 2.9 | 13 |
| 25 | Loss of Hem1 disrupts macrophage function and impacts migration, phagocytosis, and integrin-mediated adhesion. Current Biology, 2021, 31, 2051-2064.e8. | 1.8 | 17 |
| 26 | Acquired platelet GPVI receptor dysfunction in critically ill patients with sepsis. Blood, 2021, 137, 3105-3115. | 0.6 | 18 |
| 27 | Microvesicles, but not platelets, bud off from mouse bone marrow megakaryocytes. Blood, 2021, 138, 1998-2001. | 0.6 | 6 |
| 28 | ANXA7 Regulates Platelet Lipid Metabolism and Ca <sup>2+</sup> Release in Arterial Thrombosis. Circulation Research, 2021, 129, 494-507. | 2.0 | 16 |
| 29 | Generation of a humanized FXII knockâ€in mouseâ€”A powerful model system to test novel antiâ€thrombotic agents. Journal of Thrombosis and Haemostasis, 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. Experimental Neurology, 2021, 344, 113804. | 2.0 | 10 |
| 31 | Glenzocimab does not impact glycoprotein VI-dependent inflammatory hemostasis. Haematologica, 2021, 106, 2000-2003. | 1.7 | 18 |
| 32 | Infarct growth precedes cerebral thrombosis following experimental stroke in mice. Scientific Reports, 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. Platelets, 2021, , 1-9. | 1.1 | 1 |
| 34 | Interspecies differences in protein expression do not impact the spatiotemporal regulation of glycoprotein VI mediated activation. Journal of Thrombosis and Haemostasis, 2020, 18, 485-496. | 1.9 | 14 |
| 35 | Local Leukocyte Invasion during Hyperacute Human Ischemic Stroke. Annals of Neurology, 2020, 87, 466-479. | 2.8 | 50 |
| 36 | Heterotrimeric G Protein Subunit GÎ±q Is a Master Switch for GÎ²Î³-Mediated Calcium Mobilization by Gi-Coupled GPCRs. Molecular Cell, 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. Circulation Research, 2020, 127, 1023-1035. | 2.0 | 52 |
| 38 | Comparison of the central human and mouse platelet signaling cascade by systems biological analysis. BMC Genomics, 2020, 21, 897. | 1.2 | 12 |
| 39 | Actin/microtubule crosstalk during platelet biogenesis in mice is critically regulated by Twinfilin1 and Cofilin1. Blood Advances, 2020, 4, 2124-2134. | 2.5 | 18 |
| 40 | Genetic platelet depletion is superior in platelet transfusion compared to current models. Haematologica, 2020, 105, 1738-1749. | 1.7 | 9 |
| 41 | Platelets in Thrombo-Inflammation: Concepts, Mechanisms, and Therapeutic Strategies for Ischemic Stroke. Hamostaseologie, 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. Nature Communications, 2020, 11, 1315. | 5.8 | 39 |
| 43 | Novel Approaches to Unravel Risk Factors and Mechanisms of Venous Thrombosis. Thrombosis and Haemostasis, 2020, 120, 372-372. | 1.8 | 2 |
| 44 | Critical redundant functions of the adapters Grb2 and Gads in platelet (hem)ITAM signaling in mice. Platelets, 2020, 31, 801-811. | 1.1 | 1 |
| 45 | Platelet glycoprotein VI promotes metastasis through interaction with cancer cell-derived Galectin-3. Blood, 2020, 135, 1146-1160. | 0.6 | 71 |
| 46 | Coactosin-like 1 integrates signaling critical for shear-dependent thrombus formation in mouse platelets. Haematologica, 2020, 105, 1667-1676. | 1.7 | 8 |
| 47 | BIN2 orchestrates platelet calcium signaling in thrombosis and thrombo-inflammation. Journal of Clinical Investigation, 2020, 130, 6064-6079. | 3.9 | 20 |
| 48 | Thrombo-inflammation in acute ischaemic stroke â€" implications for treatment. Nature Reviews Neurology, 2019, 15, 473-481. | 4.9 | 194 |
| 49 | Comparative Analysis of Microfluidics Thrombus Formation in Multiple Genetically Modified Mice: Link to Thrombosis and Hemostasis. Frontiers in Cardiovascular Medicine, 2019, 6, 99. | 1.1 | 12 |
| 50 | Pivotal role of PDK1 in megakaryocyte cytoskeletal dynamics and polarization during platelet biogenesis. Blood, 2019, 134, 1847-1858. | 0.6 | 22 |
| 51 | Loss of Orai2-Mediated Capacitative Ca <sup>2+</sup> Entry Is Neuroprotective in Acute Ischemic Stroke. Stroke, 2019, 50, 3238-3245. | 1.0 | 33 |
| 52 | Defective Zn2+ homeostasis in mouse and human platelets with Î±- and Î´-storage pool diseases. Scientific Reports, 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. International Journal of Molecular Sciences, 2019, 20, 2019. | 1.8 | 24 |
| 54 | Identification of a Clinically Relevant Signature for Early Progression in KRAS-Driven Lung Adenocarcinoma. Cancers, 2019, 11, 600. | 1.7 | 5 |

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|---|---|---|---|
| 55 | Platelet GPIbÎ± is a mediator and potential interventional target for NASH and subsequent liver cancer. Nature Medicine, 2019, 25, 641-655. | 15.2 | 259 |
| 56 | Inhibition of platelet GPVI induces intratumor hemorrhage and increases efficacy of chemotherapy in mice. Blood, 2019, 133, 2696-2706. | 0.6 | 58 |
| 57 | Platelet lamellipodium formation is not required for thrombus formation and stability. Blood, 2019, 134, 2318-2329. | 0.6 | 35 |
| 58 | Platelets as Modulators of Cerebral Ischemia/Reperfusion Injury. Frontiers in Immunology, 2019, 10, 2505. | 2.2 | 69 |
| 59 | How is the formation of microthrombi after traumatic brain injury linked to inflammation?. Journal of Neuroimmunology, 2019, 326, 9-13. | 1.1 | 12 |
| 60 | Store-operated calcium entry in thrombosis and thrombo-inflammation. Cell Calcium, 2019, 77, 39-48. | 1.1 | 55 |
| 61 | Functional significance of the platelet immune receptors GPVI and CLEC-2. Journal of Clinical Investigation, 2019, 129, 12-23. | 3.9 | 216 |
| 62 | The contribution of platelet glycoprotein receptors to inflammatory bleeding prevention is stimulus and organ dependent. Haematologica, 2018, 103, e256-e258. | 1.7 | 50 |
| 63 | Cathelicidins prime platelets to mediate arterial thrombosis and tissue inflammation. Nature Communications, 2018, 9, 1523. | 5.8 | 86 |
| 64 | Neutrophil infiltration to the brain is plateletâ€dependent, and is reversed by blockade of platelet GPIbÎ±. Immunology, 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. Translational Stroke Research, 2018, 9, 493-498. | 2.3 | 12 |
| 66 | GPVI signaling is compromised in newly formed platelets after acute thrombocytopenia in mice. Blood, 2018, 131, 1106-1110. | 0.6 | 18 |
| 67 | TRPM7 Kinase Controls Calcium Responses in Arterial Thrombosis and Stroke in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 344-352. | 1.1 | 42 |
| 68 | Profilin 1â€“mediated cytoskeletal rearrangements regulate integrin function in mouse platelets. Blood Advances, 2018, 2, 1040-1045. | 2.5 | 12 |
| 69 | ADAP deficiency impairs megakaryocyte polarization with ectopic proplatelet release and causes microthrombocytopenia. Blood, 2018, 132, 635-646. | 0.6 | 32 |
| 70 | Antibody-mediated inhibition of FXIIa blocks downstream bradykinin generation. Journal of Allergy and Clinical Immunology, 2018, 142, 1355-1358. | 1.5 | 31 |
| 71 | Model systems for platelet receptor shedding. Platelets, 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. Blood, 2017, 129, 1702-1706. | 0.6 | 54 |
| 74 | GPVI and Thromboxane Receptor on Platelets Promote Proinflammatory Macrophage Phenotypes during CutaneousÂInflammation. Journal of Investigative Dermatology, 2017, 137, 686-695. | 0.3 | 44 |
| 75 | Congenital valvular defects associated with deleterious mutations in thePLD1gene. Journal of Medical Genetics, 2017, 54, 278-286. | 1.5 | 36 |
| 76 | Tetraspanin Tspan9 regulates platelet collagen receptor GPVI lateral diffusion and activation. Platelets, 2017, 28, 629-642. | 1.1 | 21 |
| 77 | CLEC-2 contributes to hemostasis independently of classical hemITAM signaling in mice. Blood, 2017, 130, 2224-2228. | 0.6 | 41 |
| 78 | The Neurobeachin-like 2 Protein Regulates Mast Cell Homeostasis. Journal of Immunology, 2017, 199, 2948-2957. | 0.4 | 15 |
| 79 | CK2Î² regulates thrombopoiesis and Ca2+-triggered platelet activation in arterial thrombosis. Blood, 2017, 130, 2774-2785. | 0.6 | 40 |
| 80 | Thrombopoiesis is spatially regulated by the bone marrow vasculature. Nature Communications, 2017, 8, 127. | 5.8 | 104 |
| 81 | A Cdc42/RhoA regulatory circuit downstream of glycoprotein Ib guides transendothelial platelet biogenesis. Nature Communications, 2017, 8, 15838. | 5.8 | 50 |
| 82 | Blocking of platelet glycoprotein receptor Ib reduces â€œthrombo-inflammationâ€•in mice with acute ischemic stroke. Journal of Neuroinflammation, 2017, 14, 18. | 3.1 | 52 |
| 83 | Platelets and Stroke. Cardiac and Vascular Biology, 2017, , 253-274. | 0.2 | 1 |
| 84 | Platelet receptors as therapeutic targets: Past, present and future. Thrombosis and Haemostasis, 2017, 117, 1249-1257. | 1.8 | 57 |
| 85 | Twinfilin 2a regulates platelet reactivity and turnover in mice. Blood, 2017, 130, 1746-1756. | 0.6 | 33 |
| 86 | Mouse Models of Thrombosis. , 2017, , 681-698. | | 0 |
| 87 | <scp>FXII</scp>a inhibitor <scp>rHA</scp>â€•infestinâ€4: Safe thromboprotection in experimental venous, arterial and foreign surfaceâ€•induced thrombosis. British Journal of Haematology, 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. Blood, 2016, 128, 3025-3026. | 0.6 | 2 |
| 90 | Inhibition of Platelet GPVI Protects Against Myocardial Ischemiaâ€“Reperfusion Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 629-635. | 1.1 | 60 |

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|---|---|---|---|
| 91 | The Novel Oral Syk Inhibitor, Bl1002494, Protects Mice From Arterial Thrombosis and Thromboinflammatory Brain Infarction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1247-1253. | 1.1 | 62 |
| 92 | Proplatelet formation is selectively inhibited by collagen type I via Syk-independent GPVI signaling. Journal of Cell Science, 2016, 129, 3473-84. | 1.2 | 37 |
| 93 | Perivascular Mast Cells Govern Shear Stress-Induced Arteriogenesis by Orchestrating Leukocyte Function. Cell Reports, 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. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2152-2157. | 1.1 | 45 |
| 95 | A gain-of-function variant in DIAPH1 causes dominant macrothrombocytopenia and hearing loss. Blood, 2016, 127, 2903-2914. | 0.6 | 121 |
| 96 | FcÎ³RIIB on liver sinusoidal endothelial cells is essential for antibody-induced GPVI ectodomain shedding in mice. Blood, 2016, 128, 862-865. | 0.6 | 9 |
| 97 | Targeting coagulation factor XII as a novel therapeutic option in brain trauma. Annals of Neurology, 2016, 79, 970-982. | 2.8 | 28 |
| 98 | Survival protein anoctaminâ€6 controls multiple platelet responses including phospholipid scrambling, swelling, and protein cleavage. FASEB Journal, 2016, 30, 727-737. | 0.2 | 52 |
| 99 | Defects in TRPM7 channel function deregulate thrombopoiesis through altered cellular Mg2+ homeostasis and cytoskeletal architecture. Nature Communications, 2016, 7, 11097. | 5.8 | 84 |
| 100 | Partially Defective Store Operated Calcium Entry and Hem(ITAM) Signaling in Platelets of Serotonin Transporter Deficient Mice. PLoS ONE, 2016, 11, e0147664. | 1.1 | 25 |
| 101 | Phospholipases D1 and D2 Suppress Appetite and Protect against Overweight. PLoS ONE, 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. European Journal of Immunology, 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. Immunity, Inflammation and Disease, 2015, 3, 154-170. | 1.3 | 22 |
| 105 | Rap1-GTPâ€"interacting adaptor molecule (RIAM) is dispensable for platelet integrin activation and function in mice. Blood, 2015, 125, 219-222. | 0.6 | 73 |
| 106 | Podoplanin and CLEC-2 drive cerebrovascular patterning and integrity during development. Blood, 2015, 125, 3769-3777. | 0.6 | 73 |
| 107 | Targeted downregulation of platelet CLEC-2 occurs through Syk-independent internalization. Blood, 2015, 125, 4069-4077. | 0.6 | 34 |
| 108 | Single platelets seal neutrophil-induced vascular breaches via GPVI during immune-complexâ€"mediated inflammation in mice. Blood, 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. Blood, 2015, 126, 1715-1722. | 0.6 | 65 |
| 110 | PLD1 participates in BDNF-induced signalling in cortical neurons. Scientific Reports, 2015, 5, 14778. | 1.6 | 27 |
| 111 | Orai1 controls C5aâ€induced neutrophil recruitment in inflammation. European Journal of Immunology, 2015, 45, 2143-2153. | 1.6 | 26 |
| 112 | STIM1, STIM2, and Orai1 regulate storeâ€operated calcium entry and purinergic activation of microglia. Glia, 2015, 63, 652-663. | 2.5 | 90 |
| 113 | Normal Platelet Integrin Function in Mice Lacking Hydrogen Peroxide-Induced Clone-5 (Hic-5). PLoS ONE, 2015, 10, e0133429. | 1.1 | 4 |
| 114 | Megakaryocyte rupture for acute platelet needs. Journal of Cell Biology, 2015, 209, 327-328. | 2.3 | 11 |
| 115 | Phosphorothioate backbone modifications of nucleotide-based drugs are potent platelet activators. Journal of Experimental Medicine, 2015, 212, 129-137. | 4.2 | 87 |
| 116 | Critical Role of Platelet Glycoprotein Ibα in Arterial Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 589-597. | 1.1 | 30 |
| 117 | Blocking of plasma kallikrein ameliorates stroke by reducing thromboinflammation. Annals of Neurology, 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. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 6-10. | 2.4 | 67 |
| 119 | Platelets are relevant mediators of renal injury induced by primary endothelial lesions. American Journal of Physiology - Renal Physiology, 2015, 308, F1238-F1246. | 1.3 | 19 |
| 120 | Platelet glycoprotein VI binds to polymerized fibrin and promotes thrombin generation. Blood, 2015, 126, 683-691. | 0.6 | 203 |
| 121 | Platelet G <sub>i</sub> protein Gα <sub>i2</sub> is an essential mediator of thrombo-inflammatory organ damage in mice. Proceedings of the National Academy of Sciences of the United States of America, 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. Stroke, 2015, 46, 3502-3506. | 1.0 | 54 |
| 123 | SLAP/SLAP2 prevent excessive platelet (hem)ITAM signaling in thrombosis and ischemic stroke in mice. Blood, 2015, 125, 185-194. | 0.6 | 27 |
| 124 | Phospholipase D1 facilitates second-phase myoblast fusion and skeletal muscle regeneration. Molecular Biology of the Cell, 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. Oncotarget, 2015, 6, 5354-5368. | 0.8 | 12 |
| 126 | Megakaryocyte rupture for acute platelet needs. Journal of Experimental Medicine, 2015, 212, 2125OIA24. | 4.2 | 0 |

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|---|---|---|---|
| 127 | The Adaptor Protein Swiprosin-1/EFhd2 Is Dispensable for Platelet Function in Mice. PLoS ONE, 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. Journal of Biological Chemistry, 2014, 289, 35695-35710. | 1.6 | 70 |
| 129 | Megakaryocyte-specific Profilin1-deficiency alters microtubule stability and causes a Wiskottâ€“Aldrich syndrome-like platelet defect. Nature Communications, 2014, 5, 4746. | 5.8 | 81 |
| 130 | Phospholipase D1 is involved in Î±â€adrenergic contraction of murine vascular smooth muscle. FASEB Journal, 2014, 28, 1044-1048. | 0.2 | 5 |
| 131 | Targeting Glycoprotein VI and the Immunoreceptor Tyrosine-Based Activation Motif Signaling Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1615-1620. | 1.1 | 44 |
| 132 | Phospholipase D1 mediates lymphocyte adhesion and migration in experimental autoimmune encephalomyelitis. European Journal of Immunology, 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. Circulation Research, 2014, 114, 444-453. | 2.0 | 18 |
| 134 | Impaired brain development and reduced cognitive function in phospholipase D-deficient mice. Neuroscience Letters, 2014, 572, 48-52. | 1.0 | 33 |
| 135 | Mechanistic explanation for platelet contribution to cancer metastasis. Thrombosis Research, 2014, 133, S149-S157. | 0.8 | 134 |
| 136 | Analysis of the role of von Willebrand factor, platelet glycoprotein VI-, and Î±2Î²1-mediated collagen binding in thrombus formation. Blood, 2014, 124, 1799-1807. | 0.6 | 26 |
| 137 | Platelets mediate lymphovenous hemostasis to maintain blood-lymphatic separation throughout life. Journal of Clinical Investigation, 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. PLoS ONE, 2014, 9, e99851. | 1.1 | 27 |
| 139 | Mice Lacking the SLAM Family Member CD84 Display Unaltered Platelet Function in Hemostasis and Thrombosis. PLoS ONE, 2014, 9, e115306. | 1.1 | 14 |
| 140 | Aberrant Microtubule Organization and Wiskott-Aldrich Syndrome-like Defects in Platelets and Megakaryocytes of Profilin1-Deficient Mice. Blood, 2014, 124, 4200-4200. | 0.6 | 0 |
| 141 | Podoplanin maintains high endothelial venule integrity by interacting with platelet CLEC-2. Nature, 2013, 502, 105-109. | 13.7 | 275 |
| 142 | Endothelial TWIK-related potassium channel-1 (TREK1) regulates immune-cell trafficking into the CNS. Nature Medicine, 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. Blood, 2013, 121, 679-691. | 0.6 | 300 |
| 144 | Integrin Î± <sub>6</sub> Î² <sub>1</sub> Is the Main Receptor for Vascular Laminins and Plays a Role in Platelet Adhesion, Activation, and Arterial Thrombosis. Circulation, 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 Strokeâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2212-2217. | 1.1 | 60 |
| 146 | FTY720 Ameliorates Acute Ischemic Stroke in Mice by Reducing Thrombo-Inflammation but Not by Direct Neuroprotection. Stroke, 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. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 926-934. | 1.1 | 121 |
| 148 | TheNbeal2<sup>â^'/â^'</sup>mouse as a model for the gray platelet syndrome. Rare Diseases (Austin, Tex ), 2013, 1, e26561. | 1.8 | 20 |
| 149 | Only severe thrombocytopenia results in bleeding and defective thrombus formation in mice. Blood, 2013, 121, 4938-4947. | 0.6 | 114 |
| 150 | Defective tubulin organization and proplatelet formation in murine megakaryocytes lacking Rac1 and Cdc42. Blood, 2013, 122, 3178-3187. | 0.6 | 94 |
| 151 | (Dis)solving the stroke problem by vWF inhibition?. Blood, 2013, 121, 4972-4974. | 0.6 | 3 |
| 152 | Gray platelet syndrome and defective thrombo-inflammation in Nbeal2-deficient mice. Journal of Clinical Investigation, 2013, 123, 3331-3342. | 3.9 | 151 |
| 153 | Cholesterol loss during glutamate-mediated excitotoxicity. EMBO Journal, 2012, 31, 1764-1773. | 3.5 | 83 |
| 154 | Altered BCR signalling quality predisposes to autoimmune disease and a pre-diabetic state. EMBO Journal, 2012, 31, 3363-3374. | 3.5 | 33 |
| 155 | The dimeric platelet collagen receptor GPVI-Fc reduces platelet adhesion to activated endothelium and preserves myocardial function after transient ischemia in mice. American Journal of Physiology - Cell Physiology, 2012, 303, C757-C766. | 2.1 | 77 |
| 156 | Engagement of Î±IIbÎ²3 (GPIIb/IIIa) with Î±Î½Î²3 Integrin Mediates Interaction of Melanoma Cells with Platelets. Journal of Biological Chemistry, 2012, 287, 2168-2178. | 1.6 | 95 |
| 157 | Key Roles for the Lipid Signaling Enzyme Phospholipase D1 in the Tumor Microenvironment During Tumor Angiogenesis and Metastasis. Science Signaling, 2012, 5, ra79. | 1.6 | 120 |
| 158 | Antithrombotic Potential of Blockers of Store-Operated Calcium Channels in Platelets. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1717-1723. | 1.1 | 40 |
| 159 | Platelets Contribute to the Pathogenesis of Experimental Autoimmune Encephalomyelitis. Circulation Research, 2012, 110, 1202-1210. | 2.0 | 172 |
| 160 | Mice Lacking the ITIM-Containing Receptor G6b-B Exhibit Macrothrombocytopenia and Aberrant Platelet Function. Science Signaling, 2012, 5, ra78. | 1.6 | 65 |
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