

Denisa D Wagner

List of Publications by Year in descending order

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216
papers

34,606
citations

3149

92
h-index

3476

182
g-index

217
all docs

217
docs citations

217
times ranked

25721
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular DNA traps promote thrombosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15880-15885.	3.3	1,940
2	Monocytes, neutrophils, and platelets cooperate to initiate and propagate venous thrombosis in mice in vivo. <i>Journal of Experimental Medicine</i> , 2012, 209, 819-835.	4.2	1,441
3	Leukocyte rolling and extravasation are severely compromised in P selectin-deficient mice. <i>Cell</i> , 1993, 74, 541-554.	13.5	1,009
4	PADGEM protein: A receptor that mediates the interaction of activated platelets with neutrophils and monocytes. <i>Cell</i> , 1989, 59, 305-312.	13.5	878
5	Diabetes primes neutrophils to undergo NETosis, which impairs wound healing. <i>Nature Medicine</i> , 2015, 21, 815-819.	15.2	824
6	Neutrophil extracellular traps promote deep vein thrombosis in mice. <i>Journal of Thrombosis and Haemostasis</i> , 2012, 10, 136-144.	1.9	741
7	Cancers predispose neutrophils to release extracellular DNA traps that contribute to cancer-associated thrombosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13076-13081.	3.3	708
8	CD40L stabilizes arterial thrombi by a Î²3 integrin-dependent mechanism. <i>Nature Medicine</i> , 2002, 8, 247-252.	15.2	698
9	Thrombosis: tangled up in NETs. <i>Blood</i> , 2014, 123, 2768-2776.	0.6	654
10	Dynamic Visualization of Thrombopoiesis Within Bone Marrow. <i>Science</i> , 2007, 317, 1767-1770.	6.0	572
11	Cell Biology of von Willebrand Factor. <i>Annual Review of Cell Biology</i> , 1990, 6, 217-242.	26.0	570
12	Inhibition of PAD4 activity is sufficient to disrupt mouse and human NET formation. <i>Nature Chemical Biology</i> , 2015, 11, 189-191.	3.9	544
13	Targeted disruption of cd39/ATP diphosphohydrolase results in disordered hemostasis and thromboregulation. <i>Nature Medicine</i> , 1999, 5, 1010-1017.	15.2	519
14	Susceptibility to Infection and Altered Hematopoiesis in Mice Deficient in Both P- and E-Selectins. <i>Cell</i> , 1996, 84, 563-574.	13.5	507
15	Platelets in Inflammation and Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 2131-2137.	1.1	483
16	A mouse model of severe von Willebrand disease: Defects in hemostasis and thrombosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 9524-9529.	3.3	479
17	Neutrophil Extracellular Trap (NET) Impact on Deep Vein Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1777-1783.	1.1	465
18	Neutrophil histone modification by peptidylarginine deiminase 4 is critical for deep vein thrombosis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8674-8679.	3.3	453

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19	Inducible secretion of large, biologically potent von Willebrand factor multimers. <i>Cell</i> , 1986, 46, 185-190.	13.5	452
20	Shear-Activated Nanotherapeutics for Drug Targeting to Obstructed Blood Vessels. <i>Science</i> , 2012, 337, 738-742.	6.0	428
21	Persistence of platelet thrombus formation in arterioles of mice lacking both von Willebrand factor and fibrinogen. <i>Journal of Clinical Investigation</i> , 2000, 106, 385-392.	3.9	422
22	Nitric Oxide Regulates Exocytosis by S-Nitrosylation of N-ethylmaleimide-Sensitive Factor. <i>Cell</i> , 2003, 115, 139-150.	13.5	413
23	Hematopoietic Progenitor Cell Rolling in Bone Marrow Microvessels: Parallel Contributions by Endothelial Selectins and Vascular Cell Adhesion Molecule 1. <i>Journal of Experimental Medicine</i> , 1998, 188, 465-474.	4.2	404
24	The Clearance Mechanism of Chilled Blood Platelets. <i>Cell</i> , 2003, 112, 87-97.	13.5	394
25	PADGEM-dependent adhesion of platelets to monocytes and neutrophils is mediated by a lineage-specific carbohydrate, LNF III (CD15). <i>Cell</i> , 1990, 63, 467-474.	13.5	391
26	P-Selectin Glycoprotein Ligand 1 (Psgl-1) Is Expressed on Platelets and Can Mediate Platelet-Endothelial Interactions in Vivo. <i>Journal of Experimental Medicine</i> , 2000, 191, 1413-1422.	4.2	388
27	P-selectin promotes neutrophil extracellular trap formation in mice. <i>Blood</i> , 2015, 126, 242-246.	0.6	378
28	von Willebrand factor-mediated platelet adhesion is critical for deep vein thrombosis in mouse models. <i>Blood</i> , 2011, 117, 1400-1407.	0.6	369
29	Platelet P-selectin facilitates atherosclerotic lesion development. <i>Blood</i> , 2003, 101, 2661-2666.	0.6	367
30	Histones induce rapid and profound thrombocytopenia in mice. <i>Blood</i> , 2011, 118, 3708-3714.	0.6	365
31	Elevated Levels of Circulating DNA and Chromatin Are Independently Associated With Severe Coronary Atherosclerosis and a Prothrombotic State. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2032-2040.	1.1	358
32	CalDAG-GEFI integrates signaling for platelet aggregation and thrombus formation. <i>Nature Medicine</i> , 2004, 10, 982-986.	15.2	348
33	The A2B adenosine receptor protects against inflammation and excessive vascular adhesion. <i>Journal of Clinical Investigation</i> , 2006, 116, 1913-1923.	3.9	316
34	Inflammation induces hemorrhage in thrombocytopenia. <i>Blood</i> , 2008, 111, 4958-4964.	0.6	315
35	Adhesion Molecules. <i>New England Journal of Medicine</i> , 1996, 334, 1526-1529.	13.9	312
36	Platelets and platelet adhesion support angiogenesis while preventing excessive hemorrhage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 855-860.	3.3	308

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37	The vessel wall and its interactions. <i>Blood</i> , 2008, 111, 5271-5281.	0.6	301
38	Increased neutrophil extracellular trap formation promotes thrombosis in myeloproliferative neoplasms. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	299
39	Shigatoxin triggers thrombotic thrombocytopenic purpura in genetically susceptible ADAMTS13-deficient mice. <i>Journal of Clinical Investigation</i> , 2005, 115, 2752-2761.	3.9	283
40	Interaction of P-selectin and PSGL-1 generates microparticles that correct hemostasis in a mouse model of hemophilia A. <i>Nature Medicine</i> , 2003, 9, 1020-1025.	15.2	282
41	Heme-induced neutrophil extracellular traps contribute to the pathogenesis of sickle cell disease. <i>Blood</i> , 2014, 123, 3818-3827.	0.6	281
42	P-Selectin and Platelet Clearance. <i>Blood</i> , 1998, 92, 4446-4452.	0.6	275
43	Extracellular DNA traps are associated with the pathogenesis of TRALI in humans and mice. <i>Blood</i> , 2012, 119, 6335-6343.	0.6	270
44	Adhesion Molecules " Blood Vessels and Blood Cells. <i>New England Journal of Medicine</i> , 1996, 335, 43-45.	13.9	265
45	Platelet serotonin promotes the recruitment of neutrophils to sites of acute inflammation in mice. <i>Blood</i> , 2013, 121, 1008-1015.	0.6	260
46	Induction of specific storage organelles by von Willebrand factor propeptide. <i>Cell</i> , 1991, 64, 403-413.	13.5	254
47	Circulating DNA and myeloperoxidase indicate disease activity in patients with thrombotic microangiopathies. <i>Blood</i> , 2012, 120, 1157-1164.	0.6	249
48	Prominent Role of P-Selectin in the Development of Advanced Atherosclerosis in ApoE-Deficient Mice. <i>Circulation</i> , 2000, 101, 2290-2295.	1.6	239
49	von Willebrand factor " cleaving protease ADAMTS13 reduces ischemic brain injury in experimental stroke. <i>Blood</i> , 2009, 114, 3329-3334.	0.6	228
50	VWF-mediated leukocyte recruitment with chromatin decondensation by PAD4 increases myocardial ischemia/reperfusion injury in mice. <i>Blood</i> , 2014, 123, 141-148.	0.6	228
51	Tumor Necrosis Factor " Converting Enzyme (ADAM17) Mediates GPIb " Shedding From Platelets In Vitro and In Vivo. <i>Circulation Research</i> , 2004, 95, 677-683.	2.0	224
52	Systemic antithrombotic effects of ADAMTS13. <i>Journal of Experimental Medicine</i> , 2006, 203, 767-776.	4.2	222
53	NETosis proceeds by cytoskeleton and endomembrane disassembly and PAD4-mediated chromatin decondensation and nuclear envelope rupture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7326-7337.	3.3	219
54	Cellular Mechanisms of NETosis. <i>Annual Review of Cell and Developmental Biology</i> , 2020, 36, 191-218.	4.0	216

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55	The role of platelet adhesion receptor GPIbÅ far exceeds that of its main ligand, von Willebrand factor, in arterial thrombosis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16900-16905.	3.3	213
56	Neutrophil extracellular traps form predominantly during the organizing stage of human venous thromboembolism development. Journal of Thrombosis and Haemostasis, 2014, 12, 860-870.	1.9	211
57	Mx1 reveals innate pathways to antiviral resistance and lethal influenza disease. Science, 2016, 352, 463-466.	6.0	210
58	P-selectin and leukocyte microparticles are associated with venous thrombogenesis. Journal of Vascular Surgery, 2003, 38, 1075-1089.	0.6	206
59	Roles of PAD4 and NETosis in Experimental Atherosclerosis and Arterial Injury. Circulation Research, 2018, 123, 33-42.	2.0	205
60	Platelet Granule Secretion Continuously Prevents Intratumor Hemorrhage. Cancer Research, 2008, 68, 6851-6858.	0.4	196
61	NETosis: A New Factor in Tumor Progression and Cancer-Associated Thrombosis. Seminars in Thrombosis and Hemostasis, 2014, 40, 277-283.	1.5	196
62	Plasma fibronectin promotes thrombus growth and stability in injured arterioles. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2415-2419.	3.3	192
63	PAD4-deficiency does not affect bacteremia in polymicrobial sepsis and ameliorates endotoxemic shock. Blood, 2015, 125, 1948-1956.	0.6	192
64	ADAMTS13: a new link between thrombosis and inflammation. Journal of Experimental Medicine, 2008, 205, 2065-2074.	4.2	190
65	Localized reduction of atherosclerosis in von Willebrand factorâ€“deficient mice. Blood, 2001, 98, 1424-1428.	0.6	188
66	Elevated levels of homocysteine compromise blood-brain barrier integrity in mice. Blood, 2006, 107, 591-593.	0.6	188
67	Priming of neutrophils toward NETosis promotes tumor growth. Oncolmmunology, 2016, 5, e1134073.	2.1	188
68	Neutrophil extracellular traps. Oncolmmunology, 2013, 2, e22946.	2.1	181
69	Regulated surface expression and shedding support a dual role for semaphorin 4D in platelet responses to vascular injury. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1621-1626.	3.3	178
70	New Links Between Inflammation and Thrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1321-1324.	1.1	175
71	Neutrophil elastaseâ€“deficient mice form neutrophil extracellular traps in an experimental model of deep vein thrombosis. Journal of Thrombosis and Haemostasis, 2016, 14, 551-558.	1.9	175
72	Desialylation accelerates platelet clearance after refrigeration and initiates GPIbÎ± metalloproteinase-mediated cleavage in mice. Blood, 2012, 119, 1263-1273.	0.6	173

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73	Mice lacking the signaling molecule CalDAG-GEFI represent a model for leukocyte adhesion deficiency type III. <i>Journal of Clinical Investigation</i> , 2007, 117, 1699-1707.	3.9	170
74	Extracellular Chromatin Is an Important Mediator of Ischemic Stroke in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1884-1891.	1.1	159
75	Peptidylarginine deiminase 4 promotes age-related organ fibrosis. <i>Journal of Experimental Medicine</i> , 2017, 214, 439-458.	4.2	159
76	Neutrophil cytoplasts induce T _H 17 differentiation and skew inflammation toward neutrophilia in severe asthma. <i>Science Immunology</i> , 2018, 3, .	5.6	157
77	Metalloproteinase inhibitors improve the recovery and hemostatic function of in vitro "aged or "injured mouse platelets. <i>Blood</i> , 2003, 102, 4229-4235.	0.6	156
78	von Willebrand Factor. <i>Stroke</i> , 2012, 43, 599-606.	1.0	151
79	Oxidized omega-3 fatty acids in fish oil inhibit leukocyte-endothelial interactions through activation of PPAR γ . <i>Blood</i> , 2002, 100, 1340-1346.	0.6	150
80	Mechanisms and implications of platelet discoid shape. <i>Blood</i> , 2003, 101, 4789-4796.	0.6	141
81	NETosis promotes cancer-associated arterial microthrombosis presenting as ischemic stroke with troponin elevation. <i>Thrombosis Research</i> , 2016, 139, 56-64.	0.8	135
82	Flow cytometric assay for direct quantification of neutrophil extracellular traps in blood samples. <i>American Journal of Hematology</i> , 2015, 90, 1155-1158.	2.0	123
83	A novel interaction between FlnA and Syk regulates platelet ITAM-mediated receptor signaling and function. <i>Journal of Experimental Medicine</i> , 2010, 207, 1967-1979.	4.2	121
84	Tissue factor expressed by circulating cancer cell-derived microparticles drastically increases the incidence of deep vein thrombosis in mice. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, 1310-1319.	1.9	121
85	Extracellular DNA NET-Works With Dire Consequences for Health. <i>Circulation Research</i> , 2019, 125, 470-488.	2.0	120
86	Neutrophil phenotypes and functions in cancer: A consensus statement. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	119
87	Mac-1 Signaling via Src-Family and Syk Kinases Results in Elastase-Dependent Thrombohemorrhagic Vasculopathy. <i>Immunity</i> , 2006, 25, 271-283.	6.6	111
88	Role of P-Selectin Cytoplasmic Domain in Granular Targeting In Vivo and in Early Inflammatory Responses. <i>Journal of Cell Biology</i> , 1998, 143, 1129-1141.	2.3	109
89	Platelet Adhesion Receptors and Their Ligands in Mouse Models of Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 728-739.	1.1	107
90	Protective anti-inflammatory effect of ADAMTS13 on myocardial ischemia/reperfusion injury in mice. <i>Blood</i> , 2012, 120, 5217-5223.	0.6	107

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91	Peroxiredoxin1 Prevents Excessive Endothelial Activation and Early Atherosclerosis. <i>Circulation Research</i> , 2008, 103, 598-605.	2.0	105
92	Plasma DNA is elevated in patients with deep vein thrombosis. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2013, 1, 341-348.e1.	0.9	99
93	Platelets: Guardians of Tumor Vasculature. <i>Cancer Research</i> , 2009, 69, 5623-5626.	0.4	98
94	Peptidylarginine deiminase 4: a nuclear button triggering neutrophil extracellular traps in inflammatory diseases and aging. <i>FASEB Journal</i> , 2018, 32, 6258-6370.	0.2	93
95	Oxidative stress activates ADAM17/TACE and induces its target receptor shedding in platelets in a p38-dependent fashion. <i>Cardiovascular Research</i> , 2009, 84, 137-144.	1.8	92
96	von Willebrand factor and factor VIII are independently required to form stable occlusive thrombi in injured veins. <i>Blood</i> , 2007, 109, 2424-2429.	0.6	91
97	Role of syndecan-1 in leukocyte-endothelial interactions in the ocular vasculature. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 1135-41.	3.3	91
98	p38 mitogen-activated protein kinase activation during platelet storage: consequences for platelet recovery and hemostatic function in vivo. <i>Blood</i> , 2010, 115, 1835-1842.	0.6	90
99	The combined roles of ADAMTS13 and VWF in murine models of TTP, endotoxemia, and thrombosis. <i>Blood</i> , 2008, 111, 3452-3457.	0.6	89
100	Selective eosinophil transendothelial migration triggered by eotaxin via modulation of Mac-1/ICAM-1 and VLA-4/VCAM-1 interactions. <i>International Immunology</i> , 1999, 11, 1-10.	1.8	85
101	Innate Immune Cells Induce Hemorrhage in Tumors during Thrombocytopenia. <i>American Journal of Pathology</i> , 2009, 175, 1699-1708.	1.9	83
102	Acute passive anti-glomerular basement membrane nephritis in P-selectin-deficient mice. <i>Kidney International</i> , 1996, 49, 1342-1349.	2.6	82
103	A Direct Role for C1 Inhibitor in Regulation of Leukocyte Adhesion. <i>Journal of Immunology</i> , 2005, 174, 6462-6466.	0.4	82
104	Von Willebrand Factor and the Endothelium. <i>Mayo Clinic Proceedings</i> , 1991, 66, 621-627.	1.4	79
105	GPVI down-regulation in murine platelets through metalloproteinase-dependent shedding. <i>Thrombosis and Haemostasis</i> , 2004, 91, 951-958.	1.8	79
106	Rap1a activation by CalDAG-GEFI and p38 MAPK is involved in E-selectin-dependent slow leukocyte rolling. <i>European Journal of Immunology</i> , 2011, 41, 2074-2085.	1.6	79
107	NLRP3 Inflammasome Assembly in Neutrophils Is Supported by PAD4 and Promotes NETosis Under Sterile Conditions. <i>Frontiers in Immunology</i> , 2021, 12, 683803.	2.2	79
108	Control of thrombus embolization and fibronectin internalization by integrin α IIb β 3 engagement of the fibrinogen β 3 chain. <i>Blood</i> , 2003, 102, 3609-3614.	0.6	78

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109	Antithrombotic activity of TNF- α . <i>Journal of Clinical Investigation</i> , 2003, 112, 1589-1596.	3.9	77
110	Cell surface fibronectin and oncogenic transformation. <i>Journal of Supramolecular Structure</i> , 1979, 11, 95-104.	2.3	76
111	Glycoprotein Ib α and von Willebrand factor in primary platelet adhesion and thrombus formation: Lessons from mutant mice. <i>Thrombosis and Haemostasis</i> , 2008, 99, 264-270.	1.8	75
112	Thrombocytopenia and Platelet Abnormalities in High-Density Lipoprotein Receptor α -Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1111-1116.	1.1	73
113	Elevated levels of soluble P-selectin in mice alter blood-brain barrier function, exacerbate stroke, and promote atherosclerosis. <i>Blood</i> , 2009, 113, 6015-6022.	0.6	72
114	Increased Efficacy of Breast Cancer Chemotherapy in Thrombocytopenic Mice. <i>Cancer Research</i> , 2011, 71, 1540-1549.	0.4	72
115	Plasma Peptidylarginine Deiminase IV Promotes VWF-Platelet String Formation and Accelerates Thrombosis After Vessel Injury. <i>Circulation Research</i> , 2019, 125, 507-519.	2.0	72
116	The distal carboxyl-terminal domains of ADAMTS13 are required for regulation of in vivo thrombus formation. <i>Blood</i> , 2009, 113, 5323-5329.	0.6	71
117	Resolvin D4 attenuates the severity of pathological thrombosis in mice. <i>Blood</i> , 2019, 134, 1458-1468.	0.6	69
118	Increased thrombogenesis and embolus formation in mice lacking glycoprotein V. <i>Blood</i> , 2001, 98, 368-373.	0.6	68
119	Mast Cells Granular Contents Are Crucial for Deep Vein Thrombosis in Mice. <i>Circulation Research</i> , 2017, 121, 941-950.	2.0	67
120	Inhibition of VEGF or TGF- β 2 Signaling Activates Endothelium and Increases Leukocyte Rolling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1185-1192.	1.1	63
121	Endothelial Von Willebrand Factor Promotes Blood-Brain Barrier Flexibility and Provides Protection From Hypoxia and Seizures in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2112-2120.	1.1	62
122	von Willebrand Factor Biosynthesis and Processing. <i>Annals of the New York Academy of Sciences</i> , 1991, 614, 153-166.	1.8	60
123	Unraveling Vascular Inflammation. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1403-1412.	1.2	59
124	Inflammasome activation in neutrophils of patients with severe COVID-19. <i>Blood Advances</i> , 2022, 6, 2001-2013.	2.5	59
125	Aspirin Induces Platelet Receptor Shedding via ADAM17 (TACE). <i>Journal of Biological Chemistry</i> , 2005, 280, 39716-39722.	1.6	56
126	Decreased Plasma Fibronectin Leads to Delayed Thrombus Growth in Injured Arterioles. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1391-1396.	1.1	55

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127	ARC15105 Is a Potent Antagonist of Von Willebrand Factor Mediated Platelet Activation and Adhesion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 902-909.	1.1	55
128	Experimental murine acid aspiration injury is mediated by neutrophils and the alternative complement pathway. <i>Journal of Applied Physiology</i> , 1997, 83, 1090-1095.	1.2	51
129	Leukocyte-endothelium adhesion molecules in atherosclerosis. <i>Translational Research</i> , 1998, 132, 369-375.	2.4	49
130	Interleukin 11 significantly increases plasma von Willebrand factor and factor VIII in wild type and von Willebrand disease mouse models. <i>Blood</i> , 2001, 97, 465-472.	0.6	46
131	Prothrombotic Effects of Fibronectin Isoforms Containing the EDA Domain. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 296-301.	1.1	46
132	Extrahepatic High-Density Lipoprotein Receptor SR-BI and ApoA-I Protect Against Deep Vein Thrombosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1841-1847.	1.1	44
133	Von-Willebrand Factor Influences Blood Brain Barrier Permeability and Brain Inflammation in Experimental Allergic Encephalomyelitis. <i>American Journal of Pathology</i> , 2008, 173, 892-900.	1.9	42
134	Elevated soluble ICAM-1 levels induce immune deficiency and increase adiposity in mice. <i>FASEB Journal</i> , 2005, 19, 1018-1020.	0.2	41
135	Mice lacking insulin or insulin-like growth factor 1 receptors in vascular endothelial cells maintain normal blood-brain barrier. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 315-320.	1.0	37
136	A key role for Rac and Pak signaling in neutrophil extracellular traps (NETs) formation defines a new potential therapeutic target. <i>American Journal of Hematology</i> , 2018, 93, 269-276.	2.0	36
137	Isoflurane inhibits neutrophil recruitment in the cutaneous Arthus reaction model. <i>Journal of Anesthesia</i> , 2013, 27, 261-268.	0.7	35
138	The development of inflammatory joint disease is attenuated in mice expressing the anticoagulant prothrombin mutant W215A/E217A. <i>Blood</i> , 2011, 117, 6326-6337.	0.6	34
139	PAD4 Deficiency Decreases Inflammation and Susceptibility to Pregnancy Loss in a Mouse Model. <i>Biology of Reproduction</i> , 2016, 95, 132-132.	1.2	34
140	Thromboinflammation: From Atherosclerosis to COVID-19. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 1103-1112.	1.1	31
141	Neutrophils release extracellular DNA traps during storage of red blood cell units. <i>Transfusion</i> , 2013, 53, 3210-3216.	0.8	30
142	Integrin-independent role of CalDAG-GEFI in neutrophil chemotaxis. <i>Journal of Leukocyte Biology</i> , 2010, 88, 313-319.	1.5	28
143	Targeting platelet function to improve drug delivery. <i>Oncotarget</i> , 2012, 1, 100-102.	2.1	27
144	ADAMTS13 exerts a thrombolytic effect in microcirculation. <i>Thrombosis and Haemostasis</i> , 2012, 108, 527-532.	1.8	27

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145	Donor MHC and adhesion molecules in transplant arteriosclerosis. <i>Journal of Clinical Investigation</i> , 1999, 103, 469-474.	3.9	27
146	The Lack of ADAM17 Activity during Embryonic Development Causes Hemorrhage and Impairs Vessel Formation. <i>PLoS ONE</i> , 2010, 5, e13433.	1.1	26
147	PSGL-1 regulates platelet P-selectin-mediated endothelial activation and shedding of P-selectin from activated platelets. <i>Thrombosis and Haemostasis</i> , 2007, 98, 806-12.	1.8	25
148	Angiogenesis in P- and E-selectin-deficient Mice. <i>Microcirculation</i> , 1998, 5, 173-178.	1.0	22
149	Recombinant Human ADAMTS13 Treatment Improves Myocardial Remodeling and Functionality After Pressure Overload Injury in Mice. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	22
150	P- and E-selectin-deficient mice are susceptible to cerebral ischemia-reperfusion injury. <i>Brain Research</i> , 1999, 835, 360-364.	1.1	21
151	The Role of Platelet Adhesion Receptor GPIb \pm Far Exceeds That of Its Main Ligand von Willebrand Factor in Arterial Thrombosis. <i>Blood</i> , 2006, 108, 1797-1797.	0.6	21
152	The transmembrane domain enhances granular targeting of P-selectin. <i>European Journal of Cell Biology</i> , 1998, 75, 331-343.	1.6	20
153	Sirt3 deficiency does not affect venous thrombosis or NETosis despite mild elevation of intracellular ROS in platelets and neutrophils in mice. <i>PLoS ONE</i> , 2017, 12, e0188341.	1.1	17
154	Lack of Tryptophan Hydroxylase-1 in Mice Results in Gait Abnormalities. <i>PLoS ONE</i> , 2013, 8, e59032.	1.1	16
155	Platelet adhesion receptors do not modulate infarct volume after a photochemically induced stroke in mice. <i>Brain Research</i> , 2007, 1185, 239-245.	1.1	14
156	Solid peripheral tumor leads to systemic inflammation, astrocyte activation and signs of behavioral despair in mice. <i>PLoS ONE</i> , 2018, 13, e0207241.	1.1	13
157	Neutrophil stimulation with citrullinated histone H4 slows down calcium influx and reduces NET formation compared with native histone H4. <i>PLoS ONE</i> , 2021, 16, e0251726.	1.1	13
158	Dietary omega-3 alpha-linolenic acid does not prevent venous thrombosis in mice. <i>Thrombosis and Haemostasis</i> , 2015, 113, 177-184.	1.8	12
159	ADAMTS13 Endopeptidase Protects against Vascular Endothelial Growth Factor Inhibitor-Induced Thrombotic Microangiopathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 120-131.	3.0	11
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