Johan W M Heemskerk

List of Publications by Year
in descending order

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334	17,455	12330	22166
papers	citations	69 h-index	113 g-index

341	341	341	15461
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tyrosine Kinase Inhibitor Sunitinib Delays Platelet-Induced Coagulation: Additive Effects of Aspirin. Thrombosis and Haemostasis, 2022, 122, 092-104.	3.4	11
2	Effects of Platelet Agonists and Priming on the Formation of Platelet Populations. Thrombosis and Haemostasis, 2022, 122, 726-738.	3.4	14
3	Nutrition Phytochemicals Affecting Platelet Signaling and Responsiveness: Implications for Thrombosis and Hemostasis. Thrombosis and Haemostasis, 2022, 122, 879-894.	3.4	11
4	Role of Tyrosine Kinase Syk in Thrombus Stabilisation at High Shear. International Journal of Molecular Sciences, 2022, 23, 493.	4.1	7
5	Multiparameter platelet function analysis of bleeding patients with a prolonged platelet function analyser closure time. British Journal of Haematology, 2022, 196, 1388-1400.	2.5	2
6	Ultra-high-throughput Ca2+ assay in platelets to distinguish ITAM-linked and G-protein-coupled receptor activation. IScience, 2022, 25, 103718.	4.1	8
7	Protein C or Protein S deficiency associates with paradoxically impaired plateletâ€dependent thrombus and fibrin formation under flow. Research and Practice in Thrombosis and Haemostasis, 2022, 6, e12678.	2.3	2
8	Structure-Based Cyclic Glycoprotein Ibα-Derived Peptides Interfering with von Willebrand Factor-Binding, Affecting Platelet Aggregation under Shear. International Journal of Molecular Sciences, 2022, 23, 2046.	4.1	10
9	Emerging Technologies for Understanding Platelet Diversity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 540-552.	2.4	2
10	Toward Zero Variance in Proteomics Sample Preparation: Positive-Pressure FASP in 96-Well Format (PF96) Enables Highly Reproducible, Time- and Cost-Efficient Analysis of Sample Cohorts. Journal of Proteome Research, 2022, 21, 1181-1188.	3.7	12
11	Targeting platelet-derived CXCL12 impedes arterial thrombosis. Blood, 2022, 139, 2691-2705.	1.4	13
12	Temporal Roles of Platelet and Coagulation Pathways in Collagen- and Tissue Factor-Induced Thrombus Formation. International Journal of Molecular Sciences, 2022, 23, 358.	4.1	16
13	Reversing direct factor Xa or thrombin inhibitors: Factor V addition to prothrombin complex concentrate is beneficial in vitro. Research and Practice in Thrombosis and Haemostasis, 2022, 6, e12699.	2.3	4
14	MicroRNA-26b Attenuates Platelet Adhesion and Aggregation in Mice. Biomedicines, 2022, 10, 983.	3.2	4
15	Inhibition of Src but not Syk causes weak reversal of GPVI-mediated platelet aggregation measured by light transmission aggregometry. Platelets, 2022, , 1-8.	2.3	1
16	GPVI expression is linked to platelet size, age, and reactivity. Blood Advances, 2022, 6, 4162-4173.	5.2	10
17	Molecular Mechanisms of Hemostasis, Thrombosis and Thrombo-Inflammation. International Journal of Molecular Sciences, 2022, 23, 5825.	4.1	4
18	Quantitative and qualitative changes in platelet traits of sunitinib-treated patients with renal cell carcinoma in relation to circulating sunitinib levels: a proof-of-concept study. BMC Cancer, 2022, 22, .	2.6	0

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19	Nonredundant Roles of Platelet Glycoprotein VI and Integrin Î±IIbÎ²3 in Fibrin-Mediated Microthrombus Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, e97-e111.	2.4	22
20	Galectin-1 and platelet factor 4 (CXCL4) induce complementary platelet responses in vitro. PLoS ONE, 2021, 16, e0244736.	2.5	12
21	Long-term platelet priming after glycoprotein VI stimulation in comparison to Protease-Activating Receptor (PAR) stimulation. PLoS ONE, 2021, 16, e0247425.	2.5	7
22	Targeted Phosphoinositides Analysis Using High-Performance Ion Chromatography-Coupled Selected Reaction Monitoring Mass Spectrometry. Journal of Proteome Research, 2021, 20, 3114-3123.	3.7	8
23	Assessment of a complete and classified platelet proteome from genome-wide transcripts of human platelets and megakaryocytes covering platelet functions. Scientific Reports, 2021, 11, 12358.	3.3	40
24	Cell-specific and divergent roles of the CD40L-CD40 axis in atherosclerotic vascular disease. Nature Communications, 2021, 12, 3754.	12.8	39
25	Multiparameter microfluidics assay of thrombus formation reveals increased sensitivity to contraction and antiplatelet agents at physiological temperature. Thrombosis Research, 2021, 203, 46-56.	1.7	13
26	Rapid Internalization and Nuclear Translocation of CCL5 and CXCL4 in Endothelial Cells. International Journal of Molecular Sciences, 2021, 22, 7332.	4.1	2
27	High fibrinogen Î³â€² levels in patient plasma increase clot formation at arterial and venous shear. Blood Advances, 2021, 5, 3468-3477.	5.2	9
28	Vitamin K antagonist use induces calcification and atherosclerotic plaque progression resulting in increased hypercoagulability. European Heart Journal Open, 2021, 1, .	2.3	2
29	Comparison of inhibitory effects of irreversible and reversible Btk inhibitors on platelet function. EJHaem, 2021, 2, 685-699.	1.0	8
30	Platelet GPVI (Glycoprotein VI) and Thrombotic Complications in the Venous System. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2681-2692.	2.4	38
31	Molecular Proteomics and Signalling of Human Platelets in Health and Disease. International Journal of Molecular Sciences, 2021, 22, 9860.	4.1	19
32	Inhibition of platelet adhesion, thrombus formation, and fibrin formation by a potent Î±IIbÎ²3 integrin inhibitor from ticks. Research and Practice in Thrombosis and Haemostasis, 2021, 5, 231-242.	2.3	10
33	Platelet calcium signaling by G-protein coupled and ITAM-linked receptors regulating anoctamin-6 and procoagulant activity. Platelets, 2021, 32, 863-871.	2.3	39
34	Multiparameter Evaluation of the Platelet-Inhibitory Effects of Tyrosine Kinase Inhibitors Used for Cancer Treatment. International Journal of Molecular Sciences, 2021, 22, 11199.	4.1	6
35	Platelet Activation Mechanisms and Consequences of Immune Thrombocytopenia. Cells, 2021, 10, 3386.	4.1	35
36	Galectin-1 and platelet factor 4 (CXCL4) induce complementary platelet responses in vitro. , 2021, 16, e0244736.		0

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37	Galectin-1 and platelet factor 4 (CXCL4) induce complementary platelet responses in vitro. , 2021, 16, e0244736.		0
38	Galectin-1 and platelet factor 4 (CXCL4) induce complementary platelet responses in vitro. , 2021, 16, e0244736.		0
39	Galectin-1 and platelet factor 4 (CXCL4) induce complementary platelet responses in vitro. , 2021, 16, e0244736.		0
40	Increased platelet thrombus formation under flow conditions in whole blood from polycythaemia vera patients. Blood Transfusion, 2021, , .	0.4	1
41	Comparison of the GPVI inhibitors losartan and honokiol. Platelets, 2020, 31, 187-197.	2.3	21
42	Native, Intact Glucagon-Like Peptide 1 Is a Natural Suppressor of Thrombus Growth Under Physiological Flow Conditions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e65-e77.	2.4	14
43	Localized endothelialâ€based control of platelet aggregation and coagulation under flow: A proofâ€ofâ€principle vesselâ€onâ€aâ€chip study. Journal of Thrombosis and Haemostasis, 2020, 18, 931-941.	3.8	24
44	Platelet-primed interactions of coagulation and anticoagulation pathways in flow-dependent thrombus formation. Scientific Reports, 2020, 10, 11910.	3.3	21
45	Impaired iloprost-induced platelet inhibition and phosphoproteome changes in patients with confirmed pseudohypoparathyroidism type Ia, linked to genetic mutations in GNAS. Scientific Reports, 2020, 10, 11389.	3.3	16
46	Complementary roles of platelet Î±IIbÎ²3 integrin, phosphatidylserine exposure and cytoskeletal rearrangement in the release of extracellular vesicles. Atherosclerosis, 2020, 310, 17-25.	0.8	12
47	Mild hyperlipidemia in mice aggravates platelet responsiveness in thrombus formation and exploration of platelet proteome and lipidome. Scientific Reports, 2020, 10, 21407.	3.3	13
48	Flow studies on human GPVI-deficient blood under coagulating and noncoagulating conditions. Blood Advances, 2020, 4, 2953-2961.	5.2	35
49	Whole-genome sequencing of a sporadic primary immunodeficiency cohort. Nature, 2020, 583, 90-95.	27.8	148
50	Clonal hematopoietic mutations linked to platelet traits and the risk of thrombosis or bleeding. Haematologica, 2020, 105, 2020-2031.	3.5	29
51	Crystal Clots as Therapeutic Target in Cholesterol Crystal Embolism. Circulation Research, 2020, 126, e37-e52.	4.5	29
52	LIM-only protein FHL2 attenuates vascular tissue factor activity, inhibits thrombus formation in mice and FHL2 genetic variation associates with human venous thrombosis. Haematologica, 2020, 105, 1677-1685.	3.5	4
53	Platelet Membrane Receptor Proteolysis: Implications for Platelet Function. Frontiers in Cardiovascular Medicine, 2020, 7, 608391.	2.4	16
54	Does fibrin(ogen) bind to monomeric or dimeric GPVI, or not at all?. Platelets, 2019, 30, 281-289.	2.3	32

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55	Clinical Protocol to Prevent Thrombogenic Effect of Liver-Derived Mesenchymal Cells for Cell-Based Therapies. Cells, 2019, 8, 846.	4.1	17
56	Comparative Analysis of Microfluidics Thrombus Formation in Multiple Genetically Modified Mice: Link to Thrombosis and Hemostasis. Frontiers in Cardiovascular Medicine, 2019, 6, 99.	2.4	12
57	Impact of Deficiency of Intrinsic Coagulation Factors XI and XII on Ex Vivo Thrombus Formation and Clot Lysis. TH Open, 2019, 03, e273-e285.	1.4	7
58	Long-term vitamin k antagonist treatment induces calcification and atherosclerotic plaque progression, promoting a prethrombotic state.. Atherosclerosis, 2019, 287, e74-e75.	0.8	0
59	Defective Zn2+ homeostasis in mouse and human platelets with Î±- and Î´-storage pool diseases. Scientific Reports, 2019, 9, 8333.	3.3	20
60	Role of Platelet Glycoprotein VI and Tyrosine Kinase Syk in Thrombus Formation on Collagen-Like Surfaces. International Journal of Molecular Sciences, 2019, 20, 2788.	4.1	28
61	SAT-388-How to infuse heterologous human adult liver-derived progenitor cells safely?. Journal of Hepatology, 2019, 70, e804-e805.	3.7	0
62	Bi-allelic Loss-of-Function CACNA1B Mutations in Progressive Epilepsy-Dyskinesia. American Journal of Human Genetics, 2019, 104, 948-956.	6.2	45
63	Whole Blood Based Multiparameter Assessment of Thrombus Formation in Standard Microfluidic Devices to Proxy In Vivo Haemostasis and Thrombosis. Micromachines, 2019, 10, 787.	2.9	16
64	Platelet Cd40l Does Not Affect Atherogenesis, But Is A Key Player In Atherothrombosis. Atherosclerosis, 2019, 287, e48.	0.8	0
65	The Microbiota Promotes Arterial Thrombosis in Low-Density Lipoprotein Receptor-Deficient Mice. MBio, 2019, 10, .	4.1	50
66	Platelet biology and functions: new concepts and clinical perspectives. Nature Reviews Cardiology, 2019, 16, 166-179.	13.7	547
67	High-throughput elucidation of thrombus formation reveals sources of platelet function variability. Haematologica, 2019, 104, 1256-1267.	3.5	70
68	Store-operated calcium entry in thrombosis and thrombo-inflammation. Cell Calcium, 2019, 77, 39-48.	2.4	55
69	Laminar Flow-based Assays to Investigate Leukocyte Recruitment on Cultured Vascular Cells and Adherent Platelets. Journal of Visualized Experiments, 2018, , .	0.3	2
70	Telomerecat: A ploidy-agnostic method for estimating telomere length from whole genome sequencing data. Scientific Reports, 2018, 8, 1300.	3.3	48
71	Suppressive Role of Tissue Factor Pathway Inhibitor-Î± in Platelet-Dependent Fibrin Formation under Flow Is Restricted to Low Procoagulant Strength. Thrombosis and Haemostasis, 2018, 118, 502-513.	3.4	14
72	Variable impairment of platelet functions in patients with severe, genetically linked immune deficiencies. Haematologica, 2018, 103, 540-549.	3.5	36

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73	Maintenance of murine platelet homeostasis by the kinase Csk and phosphatase CD148. Blood, 2018, 131, 1122-1144.	1.4	35
74	High-throughput measurement of human platelet aggregation under flow: application in hemostasis and beyond. Platelets, 2018, 29, 662-669.	2.3	27
75	Tyrosine Kinase Inhibitor Pazopanib Inhibits Platelet Procoagulant Activity in Renal Cell Carcinoma Patients. Frontiers in Cardiovascular Medicine, 2018, 5, 142.	2.4	14
76	Platelet heterogeneity in activation-induced glycoprotein shedding: functional effects. Blood Advances, 2018, 2, 2320-2331.	5.2	45
77	A synthesis approach of mouse studies to identify genes and proteins in arterial thrombosis and bleeding. Blood, 2018, 132, e35-e46.	1.4	29
78	Inhibitory mechanisms of very lowâ€“dose rivaroxaban in nonâ€“ST-elevation myocardial infarction. Blood Advances, 2018, 2, 715-730.	5.2	38
79	Integrating platelet and coagulation activation in fibrin clot formation. Research and Practice in Thrombosis and Haemostasis, 2018, 2, 450-460.	2.3	122
80	Platelet proteomics: from discovery to diagnosis. Expert Review of Proteomics, 2018, 15, 467-476.	3.0	20
81	Acquired platelet antagonism: offâ€target antiplatelet effects of malignancy treatment with tyrosine kinase inhibitors. Journal of Thrombosis and Haemostasis, 2018, 16, 1686-1699.	3.8	29
82	De Novo Truncating Mutations in WASF1 Cause Intellectual Disability with Seizures. American Journal of Human Genetics, 2018, 103, 144-153.	6.2	36
83	AMPK-ACC signaling modulates platelet phospholipids and potentiates thrombus formation. Blood, 2018, 132, 1180-1192.	1.4	57
84	Uncoupling ITIM receptor G6b-B from tyrosine phosphatases Shp1 and Shp2 disrupts murine platelet homeostasis. Blood, 2018, 132, 1413-1425.	1.4	25
85	Congenital macrothrombocytopenia with focal myelofibrosis due to mutations in human G6b-B is rescued in humanized mice. Blood, 2018, 132, 1399-1412.	1.4	37
86	Comprehensive Cancer-Predisposition Gene Testing in an Adult Multiple Primary Tumor Series Shows a Broad Range of Deleterious Variants and Atypical Tumor Phenotypes. American Journal of Human Genetics, 2018, 103, 3-18.	6.2	46
87	Impaired mitochondrial activity explains platelet dysfunction in thrombocytopenic cancer patients undergoing chemotherapy. Haematologica, 2018, 103, 1557-1567.	3.5	24
88	Biallelic Mutation of ARHGEF18, Involved in the Determination of Epithelial Apicobasal Polarity, Causes Adult-Onset Retinal Degeneration. American Journal of Human Genetics, 2017, 100, 334-342.	6.2	26
89	Temporal quantitative phosphoproteomics of ADP stimulation reveals novel central nodes in platelet activation and inhibition. Blood, 2017, 129, e1-e12.	1.4	97
90	Use of microfluidics to assess the platelet-based control of coagulation. Platelets, 2017, 28, 441-448.	2.3	33

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91	Platelet extracellular vesicles induce a proâ€inflammatory smooth muscle cell phenotype. Journal of Extracellular Vesicles, 2017, 6, 1322454.	12.2	81
92	Platelets and Coagulation. , 2017, , 447-462.		4
93	Chemokine interactome mapping enables tailored intervention in acute and chronic inflammation. Science Translational Medicine, 2017, 9, .	12.4	121
94	Effect of platelet-derived Î²-thromboglobulins on coagulation. Thrombosis Research, 2017, 154, 7-15.	1.7	8
95	Comprehensive Rare Variant Analysis via Whole-Genome Sequencing to Determine the Molecular Pathology of Inherited Retinal Disease. American Journal of Human Genetics, 2017, 100, 75-90.	6.2	343
96	Platelet interaction with activated endothelium: mechanistic insights from microfluidics. Blood, 2017, 130, 2819-2828.	1.4	117
97	Platelet populations and priming in hematological diseases. Blood Reviews, 2017, 31, 389-399.	5.7	59
98	Platelet function is modified by common sequence variation in megakaryocyte super enhancers. Nature Communications, 2017, 8, 16058.	12.8	50
99	Specific Alleles of CLN7/MFSD8, a Protein That Localizes to Photoreceptor Synaptic Terminals, Cause a Spectrum of Nonsyndromic Retinal Dystrophy. , 2017, 58, 2906.		35
100	OC-08 - Multiple functional defects in platelets from thrombocytopenic cancer patients undergoing chemotherapy. Thrombosis Research, 2016, 140, S171.	1.7	3
101	Platelets and coagulation in thrombus formation: aberrations in the Scott syndrome. Thrombosis Research, 2016, 141, S12-S16.	1.7	23
102	A high-throughput sequencing test for diagnosing inherited bleeding, thrombotic, and platelet disorders. Blood, 2016, 127, 2791-2803.	1.4	157
103	Sunitinib uptake inhibits platelet function in cancer patients. European Journal of Cancer, 2016, 66, 47-54.	2.8	18
104	Combined Quantification of the Global Proteome, Phosphoproteome, and Proteolytic Cleavage to Characterize Altered Platelet Functions in the Human Scott Syndrome. Molecular and Cellular Proteomics, 2016, 15, 3154-3169.	3.8	52
105	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.	2.4	45
106	Coated platelets function in platelet-dependent fibrin formation via integrin Î± _{IIb} Î² ₃ and transglutaminase factor XIII. Haematologica, 2016, 101, 427-436.	3.5	57
107	PO-19 - Platelet (PLT) adhesion under flow condition in essential thrombocythemia (ET) and polycythemia vera (PV) is variably influenced according to patient mutational status. Thrombosis Research, 2016, 140, S183.	1.7	1
108	Platelet Control of Fibrin Distribution and Microelasticity in Thrombus Formation Under Flow. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 692-699.	2.4	53

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109	Platelet CD40 Exacerbates Atherosclerosis by Transcellular Activation of Endothelial Cells and Leukocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 482-490.	2.4	90
110	Survival protein anoctaminâ€6 controls multiple platelet responses including phospholipid scrambling, swelling, and protein cleavage. FASEB Journal, 2016, 30, 727-737.	0.5	52
111	Acute and persistent platelet and coagulant activities in atherothrombosis. Journal of Thrombosis and Haemostasis, 2015, 13, S272-S280.	3.8	31
112	Rate-limiting roles of the tenase complex of factors VIII and IX in platelet procoagulant activity and formation of platelet-fibrin thrombi under flow. Haematologica, 2015, 100, 748-756.	3.5	45
113	Desmopressin treatment improves platelet function under flow in patients with postoperative bleeding. Journal of Thrombosis and Haemostasis, 2015, 13, 1503-1513.	3.8	21
114	Plasminogen associates with phosphatidylserine-exposing platelets and contributes to thrombus lysis under flow. Blood, 2015, 125, 2568-2578.	1.4	94
115	Platelet-derived MIF: A novel platelet chemokine with distinct recruitment properties. Atherosclerosis, 2015, 239, 1-10.	0.8	40
116	Dual-Specificity Phosphatase 3 Deficiency or Inhibition Limits Platelet Activation and Arterial Thrombosis. Circulation, 2015, 131, 656-668.	1.6	42
117	Normal Platelet Activation Profile in Patients with Peripheral Arterial Disease on Aspirin. Thrombosis Research, 2015, 135, 513-520.	1.7	21
118	Î±IIbÎ²3 variants defined by next-generation sequencing: Predicting variants likely to cause Glanzmann thrombasthenia. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1898-907.	7.1	36
119	Platelet CD40L Modulates Thrombus Growth Via Phosphatidylinositol 3-Kinase Î², and Not Via CD40 and IÎºB Kinase Î±. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1374-1381.	2.4	31
120	Gradual increase in thrombogenicity of juvenile platelets formed upon offset of prasugrel medication. Haematologica, 2015, 100, 1131-1138.	3.5	16
121	Coordinated Membrane Ballooning and Procoagulant Spreading in Human Platelets. Circulation, 2015, 132, 1414-1424.	1.6	139
122	Platelet Adhesion Under Flow Condition in Patients with Essential Thrombocythemia (ET) and Polycythemia Vera (PV): Analysis According to the Mutational Status. Blood, 2015, 126, 766-766.	1.4	0
123	Regulation of Platelet Procoagulant Activity. Blood, 2015, 126, SCI-33-SCI-33.	1.4	0
124	Reversal of Hypoxia in Murine Atherosclerosis Prevents Necrotic Core Expansion by Enhancing Efferocytosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2545-2553.	2.4	56
125	Thrombin-dependent Incorporation of von Willebrand Factor into a Fibrin Network. Journal of Biological Chemistry, 2014, 289, 35979-35986.	3.4	38
126	Chronic arthritis and cardiovascular disease: Altered blood parameters give rise to a prothrombotic propensity. Seminars in Arthritis and Rheumatism, 2014, 44, 345-352.	3.4	41

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127	Factor XI Regulates Pathological Thrombus Formation on Acutely Ruptured Atherosclerotic Plaques. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1668-1673.	2.4	47
128	What Can Proteomics Tell Us About Platelets?. Circulation Research, 2014, 114, 1204-1219.	4.5	97
129	Supporting Roles of Platelet Thrombospondin-1 and CD36 in Thrombus Formation on Collagen. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1187-1192.	2.4	59
130	Orai1â€induced storeâ€operated Ca2+ entry enhances phospholipase activity and modulates canonical transient receptor potential channelÂ6 function in murine platelets. Journal of Thrombosis and Haemostasis, 2014, 12, 528-539.	3.8	27
131	Targeting platelet receptor function in thrombus formation: The risk of bleeding. Blood Reviews, 2014, 28, 9-21.	5.7	43
132	Acid Sphingomyelinase Regulates Platelet Cell Membrane Scrambling, Secretion, and Thrombus Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 61-71.	2.4	56
133	Factor XII Regulates the Pathological Process of Thrombus Formation on Ruptured Plaques. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1674-1680.	2.4	108
134	Identification of platelet function defects by multi-parameter assessment of thrombus formation. Nature Communications, 2014, 5, 4257.	12.8	191
135	Calcium signaling recruits substrate transporters GLUT4 and CD36 to the sarcolemma without increasing cardiac substrate uptake. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E225-E236.	3.5	17
136	Insights into platelet-based control of coagulation. Thrombosis Research, 2014, 133, S139-S148.	1.7	73
137	Molecular functions of anoctamin 6 (TMEM16F): a chloride channel, cation channel, or phospholipid scramblase?. Pflugers Archiv European Journal of Physiology, 2014, 466, 407-414.	2.8	93
138	Whole blood thrombin generation in Bmal1-deficient mice. Thrombosis and Haemostasis, 2014, 112, 271-275.	3.4	11
139	Additive roles of platelets and fibrinogen in whole-blood fibrin clot formation upon dilution as assessed by thromboelastometry. Thrombosis and Haemostasis, 2014, 112, 447-457.	3.4	27
140	Thrombin-Dependent Incorporation of Von Willebrand Factor into a Fibrin Network. Blood, 2014, 124, 101-101.	1.4	0
141	The effects of arterial flow on platelet activation, thrombus growth, and stabilization. Cardiovascular Research, 2013, 99, 342-352.	3.8	89
142	Atheroprotective effect of dietary walnut intake in ApoE-deficient mice: Involvement of lipids and coagulation factors. Thrombosis Research, 2013, 131, 411-417.	1.7	44
143	Both TMEM16F-dependent and TMEM16F-independent pathways contribute to phosphatidylserine exposure in platelet apoptosis and platelet activation. Blood, 2013, 121, 1850-1857.	1.4	95
144	New Fundamentals in Hemostasis. Physiological Reviews, 2013, 93, 327-358.	28.8	817

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145	Plateletâ€based coagulation: different populations, different functions. Journal of Thrombosis and Haemostasis, 2013, 11, 2-16.	3.8	277
146	Distinct Role of von Willebrand Factor Triplet Bands in Glycoprotein Ib-Dependent Platelet Adhesion and Thrombus Formation under Flow. Seminars in Thrombosis and Hemostasis, 2013, 39, 306-314.	2.7	11
147	Dual Mechanism of Integrin Î±IIbÎ²3 Closure in Procoagulant Platelets. Journal of Biological Chemistry, 2013, 288, 13325-13336.	3.4	96
148	Atherosclerotic geometries exacerbate pathological thrombus formation poststenosis in a von Willebrand factor-dependent manner. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1357-1362.	7.1	240
149	Calcium-activated and apoptotic phospholipid scrambling induced by Ano6 can occur independently of Ano6 ion currents. Cell Death and Disease, 2013, 4, e611-e611.	6.3	57
150	Platelet secretion defect in a patient with stromal interaction molecule 1 deficiency. Blood, 2013, 122, 3696-3698.	1.4	11
151	Platelet Dysfunction in Thrombosis Patients Treated with Vitamin K Antagonists and Recurrent Bleeding. PLoS ONE, 2013, 8, e64112.	2.5	8
152	Increased Platelet Thrombus Formation Under Flow Condition In Myeloproliferative Neoplasms (MPN). Blood, 2013, 122, 33-33.	1.4	3
153	Increased Thrombin Generation and Fibrin Formation In Premature Aging BMAL1 Deficient Mice. Blood, 2013, 122, 3575-3575.	1.4	3
154	Aging- and activation-induced platelet microparticles suppress apoptosis in monocytic cells and differentially signal to proinflammatory mediator release. American Journal of Blood Research, 2013, 3, 107-23.	0.6	37
155	Antithrombotic Potential of Blockers of Store-Operated Calcium Channels in Platelets. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1717-1723.	2.4	40
156	Contribution of Platelet CX ₃ CR1 to Plateletâ€“Monocyte Complex Formation and Vascular Recruitment During Hyperlipidemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1186-1193.	2.4	76
157	Platelet protein shake as playmaker. Blood, 2012, 120, 2931-2932.	1.4	6
158	Intravital Imaging of Thrombus Formation in Small and Large Mouse Arteries: Experimentally Induced Vascular Damage and Plaque Rupture In Vivo. Methods in Molecular Biology, 2012, 788, 3-19.	0.9	9
159	Key role of integrin Î±IIbÎ²3 signaling to Syk kinase in tissue factor-induced thrombin generation. Cellular and Molecular Life Sciences, 2012, 69, 3481-3492.	5.4	35
160	Measurement of whole blood thrombus formation using parallel-plate flow chambers â€“ a practical guide. Platelets, 2012, 23, 229-242.	2.3	127
161	Monitoringin vitrothrombus formation with novel microfluidic devices. Platelets, 2012, 23, 501-509.	2.3	48
162	Perioperative dilutional coagulopathy treated with fresh frozen plasma and fibrinogen concentrate: a prospective randomized intervention trial. Vox Sanguinis, 2012, 103, 25-34.	1.5	45

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163	Role of newly formed platelets in thrombus formation in rat after clopidogrel treatment: comparison to the reversible binding P2Y12 antagonist ticagrelor. Thrombosis and Haemostasis, 2011, 106, 1179-1188..	3.4	12
164	Key role of glycoprotein Ib/V/IX and von Willebrand factor in platelet activation-dependent fibrin formation at low shear flow. Blood, 2011, 117, 651-660.	1.4	62
165	Protein kinase C mediates platelet secretion and thrombus formation through protein kinase D2. Blood, 2011, 118, 416-424.	1.4	49
166	Dividing VI by X(a). Blood, 2011, 117, 3704-3705.	1.4	3
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