Robert Keith Andrews

List of Publications by Year
in descending order

128 papers	7,037 citations	44069 48 h-index	60623 81 g-index
129 all docs	129 docs citations	129 times ranked	5938 citing authors

#	Article	IF	Citations
1	Phosphoproteomic Analysis of Platelets in Severe Obesity Uncovers Platelet Reactivity and Signaling Pathways Alterations. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 478-490.	2.4	12
2	Platelet phenotype and function in the absence of splenic sequestration (Review). Platelets, 2021, 32, 47-52.	2.3	11
3	Loss of the exocyst complex component EXOC3 promotes hemostasis and accelerates arterial thrombosis. Blood Advances, 2021, 5, 674-686.	5.2	6
4	Immobilized collagen prevents shedding and induces sustained GPVI clustering and signaling in platelets. Platelets, 2021, 32, 59-73.	2.3	15
5	Fc Binding by FcÎ³RIIa Is Essential for Cellular Activation by the Anti-FcÎ³RIIa mAbs 8.26 and 8.2. Frontiers in Immunology, 2021, 12, 666813.	4.8	2
6	Successful renal denervation decreases the platelet activation status in hypertensive patients. Cardiovascular Research, 2020, 116, 202-210.	3.8	13
7	Plasma levels of the soluble form of the FcÎ³RIIa receptor vary with receptor polymorphisms and are elevated in rheumatoid arthritis. Platelets, 2020, 31, 392-398.	2.3	1
8	Soluble glycoprotein VI is a predictor of major bleeding in patients with suspected heparin-induced thrombocytopenia. Blood Advances, 2020, 4, 4327-4332.	5.2	9
9	Pharmacological Blockade of Glycoprotein VI Promotes Thrombus Disaggregation in the Absence of Thrombin. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2127-2142.	2.4	48
10	Loss of GPVI and GPIbÎ± contributes to trauma-induced platelet dysfunction in severely injured patients. Blood Advances, 2020, 4, 2623-2630.	5.2	29
11	Shedding of soluble glycoprotein VI is neither affected by animal-derived antibeta-2-glycoprotein 1 antibodies nor IgG fractions from patients with systemic lupus erythematosus. Blood Coagulation and Fibrinolysis, 2020, 31, 258-263.	1.0	0
12	Fibrin exposure triggers Î±IIbÎ²3â€independent platelet aggregate formation, ADAM10 activity and glycoprotein VI shedding in a chargeâ€dependent manner. Journal of Thrombosis and Haemostasis, 2020, 18, 1447-1458.	3.8	16
13	Illustrated Stateâ€ofâ€theâ€Art Capsules of the ISTH 2019 Congress in Melbourne, Australia. Research and Practice in Thrombosis and Haemostasis, 2019, 3, 431-497.	2.3	11
14	Short and sweet science. Research and Practice in Thrombosis and Haemostasis, 2019, 3, 429-430.	2.3	3
15	Novel Stenotic Microchannels to Study Thrombus Formation in Shear Gradients: Influence of Shear Forces and Human Platelet-Related Factors. International Journal of Molecular Sciences, 2019, 20, 2967.	4.1	17
16	Adenosine and Forskolin Inhibit Platelet Aggregation by Collagen but not the Proximal Signalling Events. Thrombosis and Haemostasis, 2019, 119, 1124-1137.	3.4	14
17	Autologous plateletâ€rich plasma for healing chronic venous leg ulcers: Clinical efficacy and potential mechanisms. International Wound Journal, 2019, 16, 788-792.	2.9	13
18	Platelet Ubiquitylationâ€”It's Everywhere. Thrombosis and Haemostasis, 2019, 119, 006-008.	3.4	1

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19	Mechanisms of Platelet Dysfunction in Patients with Implantable Devices. Seminars in Thrombosis and Hemostasis, 2018, 44, 012-019.	2.7	5
20	Regulation of platelet activation and thrombus formation by reactive oxygen species. Redox Biology, 2018, 14, 126-130.	9.0	164
21	Soluble GPVI is elevated in injured patients: shedding is mediated by fibrin activation of GPVI. Blood Advances, 2018, 2, 240-251.	5.2	41
22	Mechanisms of receptor shedding in platelets. Blood, 2018, 132, 2535-2545.	1.4	53
23	Bone Marrow Defects and Platelet Function: A Focus on MDS and CLL. Cancers, 2018, 10, 147.	3.7	13
24	Monitoring the pulse of thrombus formation. Physics of Life Reviews, 2018, 26-27, 113-115.	2.8	3
25	The cutting edge of platelets. Platelets, 2017, 28, 317-318.	2.3	0
26	A Brief History of Blood Platelets: A Personal View. , 2017, , 3-9.		2
27	Platelet Hyperreactivity in Diabetes: Focus on GPVI Signalingâ€"Are Useful Drugs Already Available?. Diabetes, 2017, 66, 7-13.	0.6	24
28	Basic mechanisms of platelet receptor shedding. Platelets, 2017, 28, 319-324.	2.3	34
29	Soluble glycoprotein VI, a specific marker of platelet activation is increased in the plasma of subjects with seropositive rheumatoid arthritis. PLoS ONE, 2017, 12, e0188027.	2.5	15
30	Platelet Adhesion. , 2017, , 309-319.		7
31	Liver-mediated shedding of platelet GPVI. Blood, 2016, 128, 751-752.	1.4	3
32	Metalloproteolytic receptor sheddingâ€¦ platelets â€œacting their ageâ€• Platelets, 2016, 27, 512-518.	2.3	19
33	14-3-3Î¶ regulates the mitochondrial respiratory reserve linked to platelet phosphatidylserine exposure and procoagulant function. Nature Communications, 2016, 7, 12862.	12.8	49
34	A-Disintegrin-And-Metalloproteinase (ADAM) 10 Activity on Resting and Activated Platelets. Biochemistry, 2016, 55, 1187-1194.	2.5	28
35	Longitudinal changes in hemostatic parameters and reduced pulsatility contribute to non-surgical bleeding in patients with centrifugal continuous-flow left ventricular assist devices. Journal of Heart and Lung Transplantation, 2016, 35, 743-751.	0.6	38
36	The platelet Fc receptor, FcÎ³RIIa. Immunological Reviews, 2015, 268, 241-252.	6.0	87

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37	Effects of abacavir administration on structural and functional markers of platelet activation. Aids, 2015, 29, 2309-2313.	2.2	6
38	An atypical IgM class platelet cold agglutinin induces GPVI-dependent aggregation of human platelets. Thrombosis and Haemostasis, 2015, 114, 313-324.	3.4	5
39	Thrombin-induced reactive oxygen species generation in platelets: A novel role for protease-activated receptor 4 and GPIbÎ±. Redox Biology, 2015, 6, 640-647.	9.0	59
40	Phosphorothioate backbone modifications of nucleotide-based drugs are potent platelet activators. Journal of Experimental Medicine, 2015, 212, 129-137.	8.5	87
41	Extracorporeal Membrane Oxygenationâ€"Hemostatic Complications. Transfusion Medicine Reviews, 2015, 29, 90-101.	2.0	329
42	Editorial: ADAMs control inflammation from afar. Journal of Leukocyte Biology, 2015, 97, 437-438.	3.3	0
43	Current State and Novel Approaches of Antiplatelet Therapy. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1327-1338.	2.4	62
44	Low levels of CD9 coincidental with a novel nonsense mutation in glycoprotein IbÎ² in a patient with Bernard-Soulier syndrome. Annals of Hematology, 2015, 94, 2069-2071.	1.8	6
45	Methods to Determine the Lagrangian Shear Experienced by Platelets during Thrombus Growth. PLoS ONE, 2015, 10, e0144860.	2.5	7
46	Targeting GPVI as a novel antithrombotic strategy. Journal of Blood Medicine, 2014, 5, 59.	1.7	43
47	DiagnoSTic assays for heparin-induced thrombocytopenia. British Journal of Haematology, 2014, 166, 631-633.	2.5	2
48	Structure and Function of Platelet Receptors Initiating Blood Clotting. Advances in Experimental Medicine and Biology, 2014, 844, 263-275.	1.6	40
49	Plasma sGPVI: Changing levels in human disease. Thrombosis Research, 2014, 133, 306-307.	1.7	12
50	Platelet Receptor Expression and Shedding: Glycoprotein Ib-IX-V and Glycoprotein VI. Transfusion Medicine Reviews, 2014, 28, 56-60.	2.0	61
51	Lymphomania. Blood, 2014, 123, 3057-3058.	1.4	3
52	CLEC-2 expression is maintained on activated platelets and on platelet microparticles. Blood, 2014, 124, 2262-2270.	1.4	104
53	Neutrophil extracellular traps (NETs) and the role of platelets in infection. Thrombosis and Haemostasis, 2014, 112, 659-665.	3.4	65
54	Neutrophil extracellular traps (NETs) and the role of platelets in infection. Thrombosis and Haemostasis, 2014, 112, 659-665.	3.4	37

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55	Adhesion Maturation of Neutrophils on Nanoscopically Presented Platelet Glycoprotein Ibî±. ACS Nano, 2013, 7, 9984-9996.	14.6	51
56	The GPIb-IX-V Complex. , 2013, , 195-213.		9
57	Platelets: Envoys at the Infection Frontline. Journal of Infectious Diseases, 2013, 208, 871-873.	4.0	12
58	Bernard-Soulier Syndrome: An Update. Seminars in Thrombosis and Hemostasis, 2013, 39, 656-662.	2.7	77
59	Platelet hem-Immunoreceptor Tyrosineâ€“Based Activation Motif Receptors. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 884-885.	2.4	1
60	Low adhesion receptor levels on circulating platelets in patients with lymphoproliferative diseases before receiving Navitoclax (ABT-263). Blood, 2013, 121, 1479-1481.	1.4	20
61	An Acquired Defect Associated with Abnormal Signaling of the Platelet Collagen Receptor Glycoprotein VI. Acta Haematologica, 2012, 128, 233-241.	1.4	7
62	Focusing on plasma glycoprotein VI. Thrombosis and Haemostasis, 2012, 107, 648-655.	3.4	38
63	Inside plateletsâ€¦. Blood, 2012, 119, 907-909.	1.4	1
64	Pathologic shear triggers shedding of vascular receptors: a novel mechanism for down-regulation of platelet glycoprotein VI in stenosed coronary vessels. Blood, 2012, 119, 4311-4320.	1.4	101
65	FoxO function PAR excellenceâ€¦. Thrombosis and Haemostasis, 2012, 108, 11.	3.4	1
66	Platelet Receptor Shedding. Methods in Molecular Biology, 2012, 788, 321-339.	0.9	26
67	Neutrophil extracellular traps (NETs) and infection-related vascular dysfunction. Blood Reviews, 2012, 26, 255-259.	5.7	52
68	The NET effect of clot formation. Journal of Thrombosis and Haemostasis, 2012, 10, 133-135.	3.8	7
69	Coagulation-induced shedding of platelet glycoprotein VI mediated by factor Xa. Blood, 2011, 117, 3912-3920.	1.4	84
70	Bcl-xLâ€“inhibitory BH3 mimetics can induce a transient thrombocytopathy that undermines the hemostatic function of platelets. Blood, 2011, 118, 1663-1674.	1.4	262
71	Soluble Glycoprotein VI Is Raised in the Plasma of Patients With Acute Ischemic Stroke. Stroke, 2011, 42, 498-500.	2.0	77
72	Platelets â€" From Function to Dysfunction in Essential Thrombocythaemia. European Oncology and Haematology, 2011, 07, 125.	0.0	3

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73	Restored platelet function after romiplostim treatment in a patient with immune thrombocytopenic purpura. British Journal of Haematology, 2010, 149, 625-628.	2.5	20
74	Proteolysis of platelet receptors in humans and other species. Biological Chemistry, 2010, 391, 893-900.	2.5	34
75	Nerve Growth Factor Inhibits Metalloproteinase-Disintegrins and Blocks Ectodomain Shedding of Platelet Glycoprotein VI. Journal of Biological Chemistry, 2010, 285, 11793-11799.	3.4	22
76	Transmembrane and Trans-subunit Regulation of Ectodomain Shedding of Platelet Glycoprotein Ibα. Journal of Biological Chemistry, 2010, 285, 32096-32104.	3.4	18
77	GPIbα-selective activation of platelets induces platelet signaling events comparable to GPVI activation events. Platelets, 2010, 21, 244-252.	2.3	45
78	New insights into the haemostatic function of platelets. British Journal of Haematology, 2009, 147, 415-430.	2.5	81
79	Anti-glycoprotein VI monoclonal antibodies directly aggregate platelets independently of FcγRIIa and induce GPVI ectodomain shedding. Platelets, 2009, 20, 75-82.	2.3	39
80	Measuring soluble platelet glycoprotein VI in human plasma by ELISA. Platelets, 2009, 20, 143-149.	2.3	68
81	Platelet receptor redox regulation. Platelets, 2008, 19, 1-8.	2.3	42
82	Dual ITAM-mediated proteolytic pathways for irreversible inactivation of platelet receptors: de-ITAM-izing FcγRIIa. Blood, 2008, 111, 165-174.	1.4	77
83	A functional 14-3-3ζ–independent association of PI3-kinase with glycoprotein Ibα, the major ligand-binding subunit of the platelet glycoprotein Ib-IX-V complex. Blood, 2008, 111, 4580-4587.	1.4	43
84	Microparticles facilitate neutrophil/platelet crosstalk. Blood, 2008, 112, 2174-2175.	1.4	17
85	Platelet adhesion: a game of catch and release. Journal of Clinical Investigation, 2008, 118, 3009-11.	8.2	40
86	Ligand Binding Rapidly Induces Disulfide-dependent Dimerization of Glycoprotein VI on the Platelet Plasma Membrane. Journal of Biological Chemistry, 2007, 282, 30434-30441.	3.4	52
87	Platelet Receptor Proteolysis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1511-1520.	2.4	89
88	The Glycoprotein Ib-IX-V Complex. , 2007, , 145-163.		26
89	Fractionation of snake venom metalloproteinases by metal ion affinity: A purified cobra metalloproteinase, Nk, from Naja kaouthia binds Ni2+-agarose. Toxicon, 2007, 50, 1064-1072.	1.6	19
90	Snake venom metalloproteinases, crotarhagin and alborhagin, induce ectodomain shedding of the platelet collagen receptor, glycoprotein VI. Thrombosis and Haemostasis, 2007, 98, 1285-1290.	3.4	26

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91	A familial platelet function disorder associated with abnormal signalling through the glycoprotein VI pathway. British Journal of Haematology, 2007, 137, 569-577.	2.5	26
92	Platelet glycoprotein Vlâ€related clinical defects. British Journal of Haematology, 2007, 139, 363-372.	2.5	116
93	The 14-3-3Î¶-GPIb-IX-V Complex as an Antiplatelet Target. Drug News and Perspectives, 2007, 20, 285.	1.5	24
94	Calmodulin interacts with the platelet ADP receptor P2Y1. Biochemical Journal, 2006, 398, 339-343.	3.7	12
95	Primary Platelet Adhesion Receptors. IUBMB Life, 2005, 57, 103-108.	3.4	67
96	Glycoprotein VI is associated with GPIb-IX-V on the membrane of resting and activated platelets. Thrombosis and Haemostasis, 2005, 93, 716-723.	3.4	97
97	Role of Calmodulin in Platelet Receptor Function. Current Medicinal Chemistry Cardiovascular and Hematological Agents, 2005, 3, 283-287.	1.7	36
98	Snake venom probes of platelet adhesion receptors and their ligands. Toxicon, 2005, 45, 1051-1061.	1.6	48
99	Glycoproteins VI and Ib-IX-V stimulate tyrosine phosphorylation of tyrosine kinase Syk and phospholipase Cgamma2 at distinct sites. Biochemical Journal, 2004, 378, 1023-1029.	3.7	54
100	Platelet Interactions in Thrombosis. IUBMB Life, 2004, 56, 13-18.	3.4	52
101	Proteolytic cleavage of platelet endothelial cell adhesion molecule-1 (PECAM-1/CD31) is regulated by a calmodulin-binding motif. FEBS Letters, 2004, 568, 70-78.	2.8	29
102	Platelet physiology and thrombosis. Thrombosis Research, 2004, 114, 447-453.	1.7	358
103	Regulation of platelet membrane levels of glycoprotein VI by a platelet-derived metalloproteinase. Blood, 2004, 104, 3611-3617.	1.4	147
104	Mocarhagin. , 2004, , 696-699.		1
105	Glycoprotein (GP) VI Is Associated with GPIb-IX-V on the Membrane of Resting and Activated Platelets.. Blood, 2004, 104, 1553-1553.	1.4	0
106	Platelet Physiology: In Cold Blood. Current Biology, 2003, 13, R282-R284.	3.9	11
107	Structure-activity Relationships of Snake Toxins Targeting Platelet Receptors, Glycoprotein Ib-IX-V and Glycoprotein VI. Current Medicinal Chemistry Cardiovascular and Hematological Agents, 2003, 1, 143-149.	1.7	25
108	Association of Fyn and Lyn with the Proline-rich Domain of Glycoprotein VI Regulates Intracellular Signaling. Journal of Biological Chemistry, 2002, 277, 21561-21566.	3.4	136

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109	Interaction of calmodulin with the cytoplasmic domain of platelet glycoprotein VI. Blood, 2002, 99, 4219-4221.	1.4	79
110	Ristocetin-dependent, but not botrocetin-dependent, binding of von Willebrand factor to the platelet glycoprotein Ib-IX-V complex correlates with shear-dependent interactions. Blood, 2001, 97, 162-168.	1.4	131
111	Interaction of calmodulin with the cytoplasmic domain of the platelet membrane glycoprotein Ib-IX-V complex. Blood, 2001, 98, 681-687.	1.4	97
112	Regulation of P-selectin binding to the neutrophil P-selectin counter-receptor P-selectin glycoprotein ligand-1 by neutrophil elastase and cathepsin G. Blood, 2001, 98, 1440-1447.	1.4	69
113	Approaches to the analysis of structure/function of novel membrane receptors: A functional dissection of platelet GP Ib-IX-V. International Journal of Peptide Research and Therapeutics, 2001, 8, 163-169.	0.1	2
114	Title is missing!. International Journal of Peptide Research and Therapeutics, 2001, 8, 163-169.	0.1	1
115	Binding of Thrombin to Glycoprotein Ib Accelerates the Hydrolysis of Par-1 on Intact Platelets. Journal of Biological Chemistry, 2001, 276, 4692-4698.	3.4	193
116	A Novel Viper Venom Metalloproteinase, Alborhagin, Is an Agonist at the Platelet Collagen Receptor GPVI. Journal of Biological Chemistry, 2001, 276, 28092-28097.	3.4	60
117	Structure and function of the von Willebrand factor A1 domain: analysis with monoclonal antibodies reveals distinct binding sites involved in recognition of the platelet membrane glycoprotein Ib-IX-V complex and ristocetin-dependent activation. Blood, 2000, 95, 164-172.	1.4	65
118	Requirement of leucine-rich repeats of glycoprotein (GP) IbÎ± for shear-dependent and static binding of von Willebrand factor to the platelet membrane GP Ibâ€“IX-V complex. Blood, 2000, 95, 903-910.	1.4	131
119	Binding of Purified 14-3-3 Î¶ Signaling Protein to Discrete Amino Acid Sequences within the Cytoplasmic Domain of the Platelet Membrane Glycoprotein Ib-IX-V Complexâ€. Biochemistry, 1998, 37, 638-647.	2.5	134
120	Bernard-Soulier Syndrome. Blood, 1998, 91, 4397-4418.	1.4	540
121	Molecular mechanisms of platelet adhesion and activation. International Journal of Biochemistry and Cell Biology, 1997, 29, 91-105.	2.8	198
122	BINDING OF THE VON WILLEBRAND FACTOR A1 DOMAIN TO HISTONE. Thrombosis Research, 1997, 86, 469-477.	1.7	74
123	Activation of the 43 kDa Inositol Polyphosphate 5-Phosphatase by 14-3-3Î¶â€. Biochemistry, 1997, 36, 15363-15370.	2.5	48
124	Mocarhagin, a Novel Cobra Venom Metalloproteinase, Cleaves the Platelet von Willebrand Factor Receptor Glycoprotein IbÎ±. Identification of the Sulfated Tyrosine/Anionic Sequence Tyr-276â^'Glu-282 of Glycoprotein IbÎ± as a Binding Site for von Willebrand Factor and Î±-Thrombinâ€. Biochemistry, 1996, 35, 4929-4938.	2.5	194
125	A Novel Cobra Venom Metalloproteinase, Mocarhagin, Cleaves a 10-Amino Acid Peptide from the Mature N Terminus of P-selectin Glycoprotein Ligand Receptor, PSGL-1, and Abolishes P-selectin Binding. Journal of Biological Chemistry, 1995, 270, 26734-26737.	3.4	94
126	Cross-linking of a monomeric 39/34-kDa dispase fragment of von Willebrand factor (Leu-480/Val-481-Gly-718) to the N-terminal region of the .alpha.-chain of membrane glycoprotein Ib on intact platelets with bis(sulfosuccinimidyl) suberate. Biochemistry, 1989, 28, 8326-8336.	2.5	120

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127	Purification of botrocetin from Bothrops jararaca venom. Analysis of the botrocetin-mediated interaction between von Willebrand factor and the human platelet membrane glycoprotein Ib-IX complex. Biochemistry, 1989, 28, 8317-8326.	2.5	172
128	Characterization of human platelet GMP-140 as a heparin-binding protein. Biochemical and Biophysical Research Communications, 1989, 164, 1373-1379.	2.1	75