Robert Flaumenhaft

List of Publications by Citations

74	1,970	23	43
papers	citations	h-index	g-index
92	2,363	5.6	5.34
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
74	Megakaryocyte-derived microparticles: direct visualization and distinction from platelet-derived microparticles. *Blood*, **2009**, 113, 1112-21	2.2	214
73	T granules in human platelets function in TLR9 organization and signaling. *Journal of Cell Biology*, **2012**, 198, 561-74	7.3	134
72	Molecular basis of platelet granule secretion. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2003**, 23, 1152-60	9.4	121
71	Formation and fate of platelet microparticles. *Blood Cells, Molecules, and Diseases*, **2006**, 36, 182-7	2.1	112
70	The actin cytoskeleton differentially regulates platelet alpha-granule and dense-granule secretion. *Blood*, **2005**, 105, 3879-87	2.2	105
69	Proteomic analysis of palmitoylated platelet proteins. *Blood*, **2011**, 118, e62-73	2.2	90
68	Platelet proteoglycans packing it in. *Blood*, **2008**, 111, 3308-3309	2.2	78
67	Endobrevin/VAMP-8-dependent dense granule release mediates thrombus formation in vivo. *Blood*, **2009**, 114, 1083-90	2.2	74
66	Generation of fully functional hepatocyte-like organoids from human induced pluripotent stem cells mixed with Endothelial Cells. *Scientific Reports*, **2019**, 9, 8920	4.9	71
65	Granule exocytosis is required for platelet spreading: differential sorting of granules expressing VAMP-7. *Blood*, **2012**, 120, 199-206	2.2	71
64	A substrate-driven allosteric switch that enhances PDI catalytic activity. *Nature Communications*, **2016**, 7, 12579	17.4	69
63	The life cycle of platelet granules. *F1000Research*, **2018**, 7, 236	3.6	67
62	Therapeutic implications of protein disulfide isomerase inhibition in thrombotic disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 16-23	9.4	58
61	Platelet- and megakaryocyte-derived microparticles. *Seminars in Thrombosis and Hemostasis*, **2010**, 36, 881-7	5.3	57
60	Targeting PAR1: Now What?. *Trends in Pharmacological Sciences*, **2017**, 38, 701-716	13.2	55
59	Defective PDI release from platelets and endothelial cells impairs thrombus formation in Hermansky-Pudlak syndrome. *Blood*, **2015**, 125, 1633-42	2.2	52
58	Localization and quantification of platelet-rich thrombi in large blood vessels with near-infrared fluorescence imaging. *Circulation*, **2007**, 115, 84-93	16.7	50

57	Vascular thiol isomerases. *Blood*, **2016**, 128, 893-901	2.2	50
56	Tie2 protects the vasculature against thrombus formation in systemic inflammation. *Journal of Clinical Investigation*, **2018**, 128, 1471-1484	15.9	49
55	VAMP-7 links granule exocytosis to actin reorganization during platelet activation. *Blood*, **2015**, 126, 651-60	2.2	40
54	Protein disulfide isomerase as an antithrombotic target. *Trends in Cardiovascular Medicine*, **2013**, 23, 264-8	6.9	35
53	PAR1 agonists stimulate APC-like endothelial cytoprotection and confer resistance to thromboinflammatory injury. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E982-E991	11.5	33
52	A polymer-based systemic hemostatic agent. *Science Advances*, **2020**, 6, eaba0588	14.3	27
51	Megakaryocytes package contents into separate granules that are differentially distributed in platelets. *Blood Advances*, **2019**, 3, 3092-3098	7.8	21
50	Gain-of-function CEBPE mutation causes noncanonical autoinflammatory inflammasomopathy. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 1364-1376	11.5	20
49	A specific plasminogen activator inhibitor-1 antagonist derived from inactivated urokinase. *Journal of Cellular and Molecular Medicine*, **2016**, 20, 1851-60	5.6	20
48	SNAP-23 and syntaxin-2 localize to the extracellular surface of the platelet plasma membrane. *Blood*, **2007**, 110, 1492-501	2.2	17
47	Inhibition of Protein Disulfide Isomerase in Thrombosis. *Basic and Clinical Pharmacology and Toxicology*, **2016**, 119 Suppl 3, 42-48	3.1	16
46	Alpha-granule secretion from alpha-toxin permeabilized, MgATP-exposed platelets is induced independently by H+ and Ca2+. *Journal of Cellular Physiology*, **1999**, 179, 1-10	7	14
45	Advances in vascular thiol isomerase function. *Current Opinion in Hematology*, **2017**, 24, 439-445	3.3	12
44	The platelet as a model for chemical genetics. *Chemistry and Biology*, **2003**, 10, 481-6		11
43	G13 Switch Region 2 Relieves Talin Autoinhibition to Activate IIb3 Integrin. *Journal of Biological Chemistry*, **2016**, 291, 26598-26612	5.4	10
42	Vasculopathy in COVID-19.. *Blood*, **2022**,	2.2	10
41	Thrombus formation reimagined. *Blood*, **2014**, 124, 1697-8	2.2	9
40	Protein palmitoylation in signal transduction of hematopoietic cells. *Hematology*, **2005**, 10, 511-9	2.2	9

39	Platelet Dysfunction and Thrombosis in JAK2-Mutated Primary Myelofibrotic Mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, e262-e272	9.4	9
38	Association of oral but not transdermal estrogen therapy with enhanced platelet reactivity in a subset of postmenopausal women. *Menopause*, **2009**, 16, 407-12	2.5	7
37	VWF maturation and release are controlled by 2 regulators of Weibel-Palade body biogenesis: exocyst and BLOC-2. *Blood*, **2020**, 136, 2824-2837	2.2	6
36	Molecular basis of rutin inhibition of protein disulfide isomerase (PDI) by combined and experimental methods.. *RSC Advances*, **2018**, 8, 18480-18491	3.7	6
35	Bioorthogonal Chemistry Enables Single-Molecule FRET Measurements of Catalytically Active Protein Disulfide Isomerase. *ChemBioChem*, **2021**, 22, 134-138	3.8	6
34	Stressed platelets ASK1 for a MAPK. *Blood*, **2017**, 129, 1066-1068	2.2	4
33	PIEZO1 mediates a mechanothrombotic pathway in diabetes.. *Science Translational Medicine*, **2022**, 14, eabk1707	17.5	4
32	Does GPIbβ prove the allosteric disulfide bond hypothesis?. *Journal of Thrombosis and Haemostasis*, **2019**, 17, 849-851	15.4	3
31	Assays of Thiol Isomerase Enzymatic Activity. *Methods in Molecular Biology*, **2019**, 1967, 133-148	1.4	3
30	Cationic zinc is required for factor XII recruitment and activation by stimulated platelets and for thrombus formation in vivo. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 2318-2328	15.4	3
29	A new story ARC for α-granule formation. *Blood*, **2015**, 126, 123-4	2.2	3
28	Tie2 activation protects against prothrombotic endothelial dysfunction in COVID-19 **2021**,		3
27	α-granules: a story in the making. *Blood*, **2012**, 120, 4908-9	2.2	2
26	Getting in shape with RanBP10. *Blood*, **2009**, 114, 5412-3	2.2	2
25	Development Of Second Generation Thiol Isomerase Inhibitors To Prevent Thrombus Formation. *Blood*, **2013**, 122, 926-926	2.2	2
24	ML359, a Small Molecule Inhibitor of Protein Disulfide Isomerase That Prevents Thrombus Formation and Inhibits Oxidoreductase but Not Transnitrosylase Activity. *Blood*, **2014**, 124, 2880-2880	2.2	2
23	Effects Of Biased PAR1 Ligands On Platelets and Endothelial Cells. *Blood*, **2013**, 122, 23-23	2.2	2
22	SERCAmnavigating calcium signaling in platelets. *Blood*, **2016**, 128, 1034-5	2.2	2

21	Platelets feel your pain. *Blood*, **2004**, 104, 913-913	2.2	1
20	Proteomic Analysis of Palmitoylated Platelet Proteins. *Blood*, **2010**, 116, 2017-2017	2.2	1
19	Animal Models of Arterial and Venous Thrombosis. *Blood*, **2014**, 124, SCI-2-SCI-2	2.2	1
18	Vascular thiol isomerases: Structures, regulatory mechanisms, and inhibitor development. *Drug Discovery Today*, **2021**, 27, 626-626	8.8	1
17	Injury Length and Arteriole Constriction Shape Clot Growth and Blood-Flow Acceleration in a Mouse Model of Thrombosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 2114-2126	9.4	1
16	Microvesicles, but not platelets, bud off from mouse bone marrow megakaryocytes. *Blood*, **2021**, 138, 1998-2001	2.2	0
15	VPS33B: let there be granules. *Blood*, **2005**, 106, 4022-4023	2.2	
14	The Secreted Tyrosine Kinase Vlk Is Essential for Normal Platelet Activation and Thrombus Formation. *Blood*, **2020**, 136, 10-11	2.2	
13	Calpain-1 inhibition attenuates in vivo thrombosis in a humanized model of sickle cell disease.. *Thrombosis Research*, **2022**, 211, 123-126	8.2	
12	Differential Regulation of Granule and Dense Granule Secretion by an Actin Cytoskeletal Barrier.. *Blood*, **2004**, 104, 3528-3528	2.2	
11	Protein Palmitoylation Participates in PAR1-Mediated Platelet Activation.. *Blood*, **2004**, 104, 1560-1560	2.2	
10	Real-Time Imaging of Platelet-Rich Thrombi in Thick-Walled Blood Vessels Using Near-Infrared Fluorescence Light.. *Blood*, **2006**, 108, 383-383	2.2	
9	Regulation of Protein Disulfide Isomerase By S-Nitrosylation Controls Its Function during Thrombus Formation. *Blood*, **2014**, 124, 93-93	2.2	
8	Self-Deposition of Matrix Proteins from Platelet Granules Enable Extended Adhesion and Spreading on Micron/Submicron-Scale Fibrinogen and Collagen Substrates.. *Blood*, **2014**, 124, 2764-2764	2.2	
7	The Platelet Actin Cytoskeleton Associates Directly with Syntaxin-4 and Participates in Granule Secretion.. *Blood*, **2008**, 112, 1839-1839	2.2	
6	A Chemical Genetic Analysis of Platelet Activation.. *Blood*, **2009**, 114, 4009-4009	2.2	
5	Localization of VAMP Isoforms In Platelets Reveals Separate Granule Populations with Distinct Functions. *Blood*, **2010**, 116, 2015-2015	2.2	
4	A Chemical Genetic Analysis of Platelet Activation Identifies An Antithrombotic Allosteric Modulator That Acts through Helix 8 of Par1. *Blood*, **2010**, 116, 483-483	2.2	

3	Identification of a Novel Par1 inhibitor Using a Chemical Genetic Screen. *Blood*, **2010**, 116, 2018-2018	2.2
2	Anticoagulation Inhibits Tumor Cell-Mediated Release Of Platelet Angiogenic Proteins and Disrupts The Platelet Angiogenic Potential. *Blood*, **2013**, 122, 2303-2303	2.2
1	Young platelets out-of-control. *Thrombosis and Haemostasis*, **2016**, 116, 780	7