Steven E Mckenzie

List of Publications by Year
in descending order

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91 papers	4,582 citations	136740 32 h-index	106150 65 g-index
92 all docs	92 docs citations	92 times ranked	6387 citing authors

#	Article	IF	Citations
1	G proteinâ€“coupled receptor kinase 5 regulates thrombin signaling in platelets via PAR-1. Blood Advances, 2022, 6, 2319-2330.	2.5	8
2	Human and mouse PAR4 are functionally distinct receptors: Studies in novel humanized mice. Journal of Thrombosis and Haemostasis, 2022, 20, 1236-1247.	1.9	7
3	Platelet protease activated receptor 4 (PAR 4) receptor genotype is associated with an increased risk of preterm birth. Journal of Thrombosis and Haemostasis, 2022, 20, 2419-2428.	1.9	1
4	Platelets release mitochondrial antigens in systemic lupus erythematosus. Science Translational Medicine, 2021, 13, .	5.8	59
5	Platelet FcÎ³RIIA in immunity and thrombosis: Adaptive immunothrombosis. Journal of Thrombosis and Haemostasis, 2021, 19, 1149-1160.	1.9	21
6	PCTP contributes to human platelet activation by enhancing dense granule secretion. Thrombosis Research, 2021, 202, 67-73.	0.8	1
7	Coagulopathy monitoring and anticoagulation management in COVID-19 patients on ECMO: Advantages of a heparin anti-Xa-based titration strategy. Thrombosis Research, 2021, 203, 1-4.	0.8	7
8	Inhibition of NADPH oxidase blocks NETosis and reduces thrombosis in heparin-induced thrombocytopenia. Blood Advances, 2021, 5, 5439-5451.	2.5	16
9	Sugar and spike: not so nice. Blood, 2021, 138, 1386-1387.	0.6	0
10	Clinical Transformation in Care for Patients With Sickle Cell Disease at an Urban Academic Medical Center. American Journal of Medical Quality, 2020, 35, 236-241.	0.2	3
11	FcÎ³RIIA expression accelerates nephritis and increases platelet activation in systemic lupus erythematosus. Blood, 2020, 136, 2933-2945.	0.6	25
12	Apoptosis signalâ€regulating kinase 1 regulates immuneâ€mediated thrombocytopenia, thrombosis, and systemic shock. Journal of Thrombosis and Haemostasis, 2020, 18, 3013-3028.	1.9	3
13	Platelets Disseminate Extracellular Vesicles in Lymph in Rheumatoid Arthritis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 929-942.	1.1	40
14	GRK6 regulates the hemostatic response to injury through its rate-limiting effects on GPCR signaling in platelets. Blood Advances, 2020, 4, 76-86.	2.5	14
15	Cleavage of anti-PF4/heparin IgG by a bacterial protease and potential benefit in heparin-induced thrombocytopenia. Blood, 2019, 133, 2427-2435.	0.6	33
16	Platelets release pathogenic serotonin and return to circulation after immune complex-mediated sequestration. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1550-E1559.	3.3	164
17	TULA-2 Deficiency Enhances Platelet Functional Responses to CLEC-2 Agonists. TH Open, 2018, 02, e411-e419.	0.7	10
18	Endothelial antigen assembly leads to thrombotic complications in heparin-induced thrombocytopenia. Journal of Clinical Investigation, 2017, 127, 1090-1098.	3.9	37

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19	Syk Inhibition in Ischemic Stroke. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1054-1055.	1.1	7
20	Platelet transactivation by monocytes promotes thrombosis in heparin-induced thrombocytopenia. Blood, 2016, 127, 464-472.	0.6	86
21	The antigenic complex in HIT binds to B cells via complement and complement receptor 2 (CD21). Blood, 2016, 128, 1789-1799.	0.6	45
22	TULA-2 Protein Phosphatase Suppresses Activation of Syk through the GPVI Platelet Receptor for Collagen by Dephosphorylating Tyr(P)346, a Regulatory Site of Syk. Journal of Biological Chemistry, 2016, 291, 22427-22441.	1.6	25
23	Identification of novel Syk-independent functional roles of FcÎ³RIIa in platelet outside-in signaling using transgenic mice expressing human FcÎ³RIIa. Platelets, 2016, 27, 488-490.	1.1	2
24	Mice Expressing Low Levels of CalDAG-GEFI Exhibit Markedly Impaired Platelet Activation With Minor Impact on Hemostasis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1838-1846.	1.1	18
25	TULA-2 (T-Cell Ubiquitin Ligand-2) Inhibits the Platelet Fc Receptor for IgG IIA (FcÎ³RIIA) Signaling Pathway and Heparin-Induced Thrombocytopenia in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2315-2323.	1.1	19
26	Antiâ€“miR-148a regulates platelet FcÎ³RIIA signaling and decreases thrombosis in vivo in mice. Blood, 2015, 126, 2871-2881.	0.6	49
27	Analysis of 13 cell types reveals evidence for the expression of numerous novel primate- and tissue-specific microRNAs. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1106-15.	3.3	376
28	MicroRNA Expression Differences in Human Hematopoietic Cell Lineages Enable Regulated Transgene Expression. PLoS ONE, 2014, 9, e102259.	1.1	77
29	Erythropoietin Levels in Patients with Sickle Cell Disease Do Not Correlate with Known Inducers of Erythropoietin. Hemoglobin, 2014, 38, 385-389.	0.4	6
30	Advances in the pathophysiology and treatment of heparin-induced thrombocytopenia. Current Opinion in Hematology, 2014, 21, 380-387.	1.2	33
31	Protein Kinase C Î´ Deficiency Enhances Megakaryopoiesis and Recovery From Thrombocytopenia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2579-2585.	1.1	11
32	The human platelet: strong transcriptome correlations among individuals associate weakly with the platelet proteome. Biology Direct, 2014, 9, 3.	1.9	77
33	Identification of a Developmental Gene Expression Signature, Including HOX Genes, for the Normal Human Colonic Crypt Stem Cell Niche: Overexpression of the Signature Parallels Stem Cell Overpopulation During Colon Tumorigenesis. Stem Cells and Development, 2014, 23, 167-179.	1.1	38
34	Human platelet microRNA-mRNA networks associated with age and gender revealed by integrated plateletomics. Blood, 2014, 123, e37-e45.	0.6	199
35	Platelet 12-LOX is essential for FcÎ³RIIa-mediated platelet activation. Blood, 2014, 124, 2271-2279.	0.6	81
36	The complex transcriptional landscape of the anucleate human platelet. BMC Genomics, 2013, 14, 1.	1.2	913

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37	Cooperative integrin/ITAM signaling in platelets enhances thrombus formation in vitro and in vivo. Blood, 2013, 121, 1858-1867.	0.6	84
38	Tyrosine Phosphorylation on Spleen Tyrosine Kinase (Syk) Is Differentially Regulated in Human and Murine Platelets by Protein Kinase C Isoforms. Journal of Biological Chemistry, 2013, 288, 29160-29169.	1.6	15
39	The Parallel Signaling Pathways Of Phosphatidylserine (PS) Exposure Downstream Of Platelet FcÎ³RIIa. Blood, 2013, 122, 3514-3514.	0.6	2
40	Molecular Characterization Of a Patient With Thrombocytopenia-Absent Radii (TAR) Syndrome and Diffuse Langerhans Cell Histiocytosis (LCH): Novel Genetic Findings. Blood, 2013, 122, 2326-2326.	0.6	0
41	Towards a Reference Human Platelet Transcriptome: Evaluation Of Inter-Individual Correlations and Its Relationship With a Platelet Proteome. Blood, 2013, 122, 2297-2297.	0.6	0
42	Effect Of Age and Gender On Human Platelet mRNA and Micro-RNA Levels. Blood, 2013, 122, 3518-3518.	0.6	0
43	Syk Is Regulated Downstream Of FcÎ³RIIA In Platelets By Transient Tyrosine Phosphorylation and Ubiquitylation. Blood, 2013, 122, 4737-4737.	0.6	0
44	Monocytes in HIT: an evolving story. Blood, 2012, 119, 5065-5066.	0.6	0
45	Differential Expression of Micro RNAs Accompanies Differential Reactivity Via Platelet FcÎ³RIIa in Humans and Transgenic Mice.. Blood, 2012, 120, 2165-2165.	0.6	2
46	Fibrin Generation in Heparin-Induced Thrombocytopenia (HIT): Pathomechanistic Background for Novel Therapy and Prophylaxis. Blood, 2012, 120, 635-635.	0.6	2
47	Exploiting Endogenous Micro-RNAs to Avoid off-Target Transgene Expression. Blood, 2012, 120, 3296-3296.	0.6	0
48	Identification of Reference Genes for miRNA Profiling in Hematopoietic Cell Lineages. Blood, 2012, 120, 3330-3330.	0.6	1
49	PRT-060318, a novel Syk inhibitor, prevents heparin-induced thrombocytopenia and thrombosis in a transgenic mouse model. Blood, 2011, 117, 2241-2246.	0.6	115
50	Amelioration of murine immune thrombocytopenia by CD44 antibodies: a potential therapy for ITP?. Blood, 2011, 117, 971-974.	0.6	23
51	CalDAG-GEFI deficiency protects mice in a novel model of FcÎ³RIIA-mediated thrombosis and thrombocytopenia. Blood, 2011, 118, 1113-1120.	0.6	61
52	Microfluidic and Flow Cytometric Studies Support a Role for Monocytes and Coated Platelets in the Prothrombotic State in Heparin-Induced Thrombocytopenia (HIT). Blood, 2011, 118, 539-539.	0.6	1
53	FcÎ³RIIa Enhances Thrombus Growth in Vitro and in Vivo. Blood, 2011, 118, 191-191.	0.6	0
54	Formation of Procoagulant Platelets in Heparin-Induced Thrombocytopenia (HIT) Follows a Unique Signaling Pathway. Blood, 2011, 118, 197-197.	0.6	0

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55	High-Throughput Sequencing of the Human Platelet Transcriptome. Blood, 2010, 116, 481-481.	0.6	2
56	Critical Role of CalDAG-GEFI In FCÎ³RIIa-Dependent Platelet Activation and Thrombosis. Blood, 2010, 116, 3196-3196.	0.6	0
57	Dominant Expression of the Inhibitory FcÎ³RIIB Prevents Antigen Presentation by Murine Plasmacytoid Dendritic Cells. Journal of Immunology, 2009, 183, 7129-7139.	0.4	23
58	The clot thickens (or not). Blood, 2009, 114, 1722-1723.	0.6	1
59	Thrombopoietin following transfusion of platelets in preterm neonates. Platelets, 2008, 19, 428-431.	1.1	10
60	PRT060318, a Novel Syk Inhibitor, Prevents Heparin-Induced Thrombocytopenia in a Transgenic Mouse Model. Blood, 2008, 112, 269-269.	0.6	2
61	Cholesterol Enrichment of Human Monocyte/Macrophages Induces Surface Exposure of Phosphatidylserine and the Release of Biologically-Active Tissue Factorâ€“Positive Microvesicles. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 430-435.	1.1	108
62	Heparin-induced thrombocytopenia: An autoimmune disorder regulated through dynamic autoantigen assembly/disassembly. Journal of Clinical Apheresis, 2007, 22, 31-36.	0.7	74
63	Reproducibility of Platelet Function Testing. Laboratory Hematology: Official Publication of the International Society for Laboratory Hematology, 2007, 13, 59-62.	1.2	10
64	Platelet FcÎ³RIIA binds and internalizes IgG-containing complexes. Experimental Hematology, 2006, 34, 1490-1495.	0.2	65
65	PF4/heparin complexes are T cellâ€“dependent antigens. Blood, 2005, 106, 929-931.	0.6	45
66	A novel human CD32 mAb blocks experimental immune haemolytic anaemia in FcgammaRIIA transgenic mice. British Journal of Haematology, 2005, 130, 130-137.	1.2	20
67	Development of spontaneous multisystem autoimmune disease and hypersensitivity to antibody-induced inflammation in FcÎ³ receptor IIa-transgenic mice. Arthritis and Rheumatism, 2005, 52, 3220-3229.	6.7	73
68	Ultralarge complexes of PF4 and heparin are central to the pathogenesis of heparin-induced thrombocytopenia. Blood, 2005, 105, 131-138.	0.6	272
69	Dietary Hypercholesterolemia Enhances Heparin-Induced Thrombocytopenia/Thrombosis: A Prothrombotic Risk Factor in a Transgenic Mouse Model.. Blood, 2005, 106, 56-56.	0.6	1
70	A Human Antibody, Cloned from a Patient with Heparin-Induced Thrombocytopenia, That Binds Heparin/Platelet Factor 4 Complexes.. Blood, 2005, 106, 58-58.	0.6	0
71	Heparin-Induced Thrombocytopenia and Other Immune Thrombocytopenias: Lessons from Mouse Models. Seminars in Thrombosis and Hemostasis, 2004, 30, 559-568.	1.5	11
72	Mechanisms of Action of Therapeutics in Idiopathic Thrombocytopenic Purpura. Journal of Pediatric Hematology/Oncology, 2003, 25, S52-S56.	0.3	27

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73	Platelet Count and Sepsis in Very Low Birth Weight Neonates: Is There an Organism-Specific Response?. Pediatrics, 2003, 111, 1411-1415.	1.0	177
74	Thrombopoietin in Preterm Infants: Gestational Age-Dependent Response. Journal of Pediatric Hematology/Oncology, 2002, 24, 304-309.	0.3	15
75	Insights from mouse models of heparin-induced thrombocytopenia and thrombosis. Current Opinion in Hematology, 2002, 9, 395-400.	1.2	21
76	Kinetics of heterogeneous hybridization on indium tin oxide surfaces with and without an applied potential. Electrophoresis, 2002, 23, 1551.	1.3	30
77	Mechanisms of Action of IVIg: Physiology of Fc Receptors. Vox Sanguinis, 2002, 83, 57-63.	0.7	5
78	Heparin-induced thrombocytopenia/thrombosis in a transgenic mouse model requires human platelet factor 4 and platelet activation through FcÎ³RIIA. Blood, 2001, 98, 2442-2447.	0.6	193
79	Localization of distal regulatory domains in the megakaryocyte-specific platelet basic protein/platelet factor 4 gene locus. Blood, 2001, 98, 610-617.	0.6	52
80	Thrombosis and shock induced by activating antiplatelet antibodies in human FcÎ³RIIA transgenic mice: the interplay among antibody, spleen, and Fc receptor. Blood, 2000, 96, 4254-4260.	0.6	45
81	Thrombosis and shock induced by activating antiplatelet antibodies in human FcÎ³RIIA transgenic mice: the interplay among antibody, spleen, and Fc receptor. Blood, 2000, 96, 4254-4260.	0.6	8
82	Fundamental Studies of DNA Adsorption and Hybridization on Solid Surfaces. ACS Symposium Series, 1999, , 190-204.	0.5	4
83	Parallel molecular genetic analysis. European Journal of Human Genetics, 1998, 6, 417-429.	1.4	36
84	Effect of Hydrophobicity and Electrostatics on Adsorption and Surface Diffusion of DNA Oligonucleotides at Liquid/Solid Interfaces. Journal of Colloid and Interface Science, 1998, 203, 197-207.	5.0	69
85	System for Preparing Microhybridization Arrays on Glass Slides. Analytical Chemistry, 1998, 70, 5085-5092.	3.2	24
86	Fey receptors in phagocytes. Current Opinion in Hematology, 1998, 5, 16-21.	1.2	73
87	â^'245 bp of 5â€²-Flanking Region From the Human Platelet Factor 4 Gene Is Sufficient to Drive Megakaryocyte-Specific Expression In Vivo. Blood, 1998, 91, 2326-2333.	0.6	14
88	â^'245 bp of 5â€²-Flanking Region From the Human Platelet Factor 4 Gene Is Sufficient to Drive Megakaryocyte-Specific Expression In Vivo. Blood, 1998, 91, 2326-2333.	0.6	2
89	FcÎ³RIIA H/R131 Polymorphism, Subclass-Specific IgG Anti-Heparin/Platelet Factor 4 Antibodies and Clinical Course in Patients With Heparin-Induced Thrombocytopenia and Thrombosis. Blood, 1997, 89, 370-375.	0.6	122
90	Differential expression of FcÎ³ RIIA, FcÎ³ RIIB and FcÎ³ RIIC in hematopoietic cells: Analysis of transcripts. Molecular Immunology, 1993, 30, 451-460.	1.0	110

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91	Characterization of the 5â€²-flanking transcriptional regulatory region of the human FcÎ³ receptor gene, FcÎ³ RIIA. Molecular Immunology, 1992, 29, 1165-1174.	1.0	20