John Semple

List of Publications by Year
in descending order

111 papers	6,862 citations	87723 38 h-index	62479 80 g-index
113 all docs	113 docs citations	113 times ranked	7421 citing authors

#	Article	IF	Citations
1	Sequence-specific 2'-O-methoxyethyl antisense oligonucleotides activate human platelets through glycoprotein VI, triggering formation of platelet-leukocyte aggregates. Haematologica, 2022, 107, 519-531.	1.7	3
2	Recent advances in the mechanisms and treatment of immune thrombocytopenia. EBioMedicine, 2022, 76, 103820.	2.7	46
3	Dissecting platelet proteomics to understand the pathophysiology of immune thrombocytopenia: studies in mouse models. Blood Advances, 2022, 6, 3529-3534.	2.5	7
4	Enrichment of Complement, Immunoglobulins, and Autoantibody Targets in the Proteome of Platelets from Patients with Systemic Lupus Erythematosus. Thrombosis and Haemostasis, 2022, 122, 1486-1501.	1.8	3
5	Platelet extracellular vesicles mediate transfusion-related acute lung injury by imbalancing the sphingolipid rheostat. Blood, 2021, 137, 690-701.	0.6	43
6	Pancreatic involvement in murine antibodyâ€mediated transfusionâ€related acute lung injury?. Transfusion, 2021, 61, 987-989.	0.8	1
7	Thrombocytopenia following Pfizer and Moderna <scp>SARSâ€CoV</scp>â€2 vaccination. American Journal of Hematology, 2021, 96, 534-537.	2.0	331
8	Platelets inhibit erythrocyte invasion by Plasmodium falciparum at physiological platelet:erythrocyte ratios. Transfusion Medicine, 2021, , .	0.5	0
9	Distinct phenotypes of platelet, monocyte, and neutrophil activation occur during the acute and convalescent phase of COVID-19. Platelets, 2021, 32, 1092-1102.	1.1	13
10	A Review of Romiplostim Mechanism of Action and Clinical Applicability. Drug Design, Development and Therapy, 2021, Volume 15, 2243-2268.	2.0	35
11	Decitabine revives Treg function in ITP. Blood, 2021, 138, 591-592.	0.6	1
12	Platelets instruct T reg cells and macrophages in the resolution of lung inflammation. Journal of Experimental Medicine, 2021, 218, .	4.2	4
13	The EHA Research Roadmap: Platelet Disorders. HemaSphere, 2021, 5, e601.	1.2	3
14	Platelet EVs contain an active proteasome involved in protein processing for antigen presentation via MHC-I molecules. Blood, 2021, 138, 2607-2620.	0.6	44
15	Megakaryocytes listen for their progenyâ€™s progeny during inflammation. Journal of Thrombosis and Haemostasis, 2021, 19, 604-606.	1.9	2
16	Platelets in ITP: Victims in Charge of Their Own Fate?. Cells, 2021, 10, 3235.	1.8	14
17	Thrombopoietin receptor agonist (TPO-RA) treatment raises platelet counts and reduces anti-platelet antibody levels in mice with immune thrombocytopenia (ITP). Platelets, 2020, 31, 399-402.	1.1	31
18	An update on the pathophysiology of immune thrombocytopenia. Current Opinion in Hematology, 2020, 27, 423-429.	1.2	79

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19	Evaluation of Platelet Responses in Transfusion-Related Acute Lung Injury (TRALI). Transfusion Medicine Reviews, 2020, 34, 227-233.	0.9	12
20	The Immune Nature of Platelets Revisited. Transfusion Medicine Reviews, 2020, 34, 209-220.	0.9	104
21	Update on the pathophysiology of transfusion-related acute lung injury. Current Opinion in Hematology, 2020, 27, 386-391.	1.2	16
22	Biological and structural characterization of murine TRALI antibody reveals increased Fc-mediated complement activation. Blood Advances, 2020, 4, 3875-3885.	2.5	8
23	New Emerging Developments of Platelets in Transfusion Medicine. Transfusion Medicine Reviews, 2020, 34, 207-208.	0.9	0
24	The contribution of recipient platelets in <scp>TRALI</scp>: has the jury reached a verdict?. Transfusion, 2020, 60, 886-888.	0.8	8
25	Platelet immunology from the inside out. ISBT Science Series, 2020, 15, 315-319.	1.1	11
26	FcÎ³RI and FcÎ³RIII on splenic macrophages mediate phagocytosis of anti-glycoprotein IIb/IIIa autoantibody-opsonized platelets in immune thrombocytopenia. Haematologica, 2020, 106, 250-254.	1.7	36
27	Treating murine inflammatory diseases with an anti-erythrocyte antibody. Science Translational Medicine, 2019, 11, .	5.8	15
28	The Role of Complement in Transfusion-Related Acute Lung Injury. Transfusion Medicine Reviews, 2019, 33, 236-242.	0.9	23
29	Mechanisms and therapeutic prospects of thrombopoietin receptor agonists. Seminars in Hematology, 2019, 56, 262-278.	1.8	25
30	Osteopontin mediates murine transfusion-related acute lung injury via stimulation of pulmonary neutrophil accumulation. Blood, 2019, 134, 74-84.	0.6	42
31	Transfusion-associated circulatory overload and transfusion-related acute lung injury. Blood, 2019, 133, 1840-1853.	0.6	174
32	The Ultimate Murine Model of Immune Thrombocytopaenia. Thrombosis and Haemostasis, 2019, 119, 353-354.	1.8	2
33	Transfusion-related Acute Lung Injury in the Perioperative Patient. Anesthesiology, 2019, 131, 693-715.	1.3	26
34	Transfusionâ€associated circulatory overload (<scp>TACO</scp>): Time to shed light on the pathophysiology. ISBT Science Series, 2019, 14, 136-139.	1.1	3
35	Extracellular Vesicle Sphingolipids from Stored Platelets Mediate Transfusion Related Acute Lung Injury. FASEB Journal, 2019, 33, 845.2.	0.2	0
36	Targeting Transfusion-Related Acute Lung Injury: The Journey From Basic Science to Novel Therapies. Critical Care Medicine, 2018, 46, e452-e458.	0.4	49

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37	Intravenous immunoglobulin treatment of spleen cells from patients with immune thrombocytopenia significantly increases the percentage of myeloidâ€derived suppressor cells. British Journal of Haematology, 2018, 181, 262-264.	1.2	13
38	A highly purified form of staphylococcal protein A alleviates murine immune thrombocytopenia (<scp>ITP</scp>). British Journal of Haematology, 2018, 183, 501-503.	1.2	10
39	Platelet immunobiology: platelets as prey and predator. ISBT Science Series, 2018, 13, 87-92.	1.1	3
40	The Pathogenic Involvement of Neutrophils in Acute Respiratory Distress Syndrome and Transfusion-Related Acute Lung Injury. Transfusion Medicine and Hemotherapy, 2018, 45, 290-298.	0.7	70
41	Moving target PF4 directs HIT responses. Blood, 2018, 132, 678-679.	0.6	1
42	Gastrointestinal microbiota contributes to the development of murine transfusion-related acute lung injury. Blood Advances, 2018, 2, 1651-1663.	2.5	44
43	Antiplatelet antibodyâ€induced thrombocytopenia does not correlate with megakaryocyte abnormalities in murine immune thrombocytopenia. Scandinavian Journal of Immunology, 2018, 88, e12678.	1.3	13
44	Ceramide Containing Microparticles from Aged Stored Platelets Recapitulate Aspects of Murine Transfusion Related Acute Lung Injury. FASEB Journal, 2018, 32, 746.2.	0.2	0
45	FcÎ³ Receptors I and III on Splenic Macrophages Mediate GPIIb/IIIa Autoantibody-Dependent Phagocytosis of Platelets in Human Immune Thrombocytopenia. Blood, 2018, 132, 129-129.	0.6	0
46	Osteopontin Mediates Murine Transfusion-Related Acute Lung Injury through Stimulation of Pulmonary Neutrophil Accumulation. Blood, 2018, 132, 739-739.	0.6	0
47	T regulatory cells and dendritic cells protect against transfusion-related acute lung injury via IL-10. Blood, 2017, 129, 2557-2569.	0.6	93
48	Acid sphingomyelinase mediates murine acute lung injury following transfusion of aged platelets. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L625-L637.	1.3	26
49	Thymic-derived tolerizing dendritic cells are upregulated in the spleen upon treatment with intravenous immunoglobulin in a murine model of immune thrombocytopenia. Platelets, 2017, 28, 521-524.	1.1	13
50	Mature murine megakaryocytes present antigen-MHC class I molecules to T cells and transfer them to platelets. Blood Advances, 2017, 1, 1773-1785.	2.5	90
51	Pathogenesis and Therapeutic Mechanisms in Immune Thrombocytopenia (ITP). Journal of Clinical Medicine, 2017, 6, 16.	1.0	318
52	Low levels of interleukin-10 in patients with transfusion-related acute lung injury. Annals of Translational Medicine, 2017, 5, 339-339.	0.7	27
53	Splenic Mechanisms of Thrombocytopenia. Blood, 2017, 130, SCI-33-SCI-33.	0.6	1
54	Platelets as immune-sensing cells. Blood Advances, 2016, 1, 10-14.	2.5	53

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55	Platelet Functions Beyond Hemostasis. , 2016, , 221-237.		3
56	The nonhemostatic immune functions of platelets. Seminars in Hematology, 2016, 53, S2-S6.	1.8	26
57	Move over Tregs, MDSCs are here. Blood, 2016, 127, 1526-1528.	0.6	5
58	The spleen dictates platelet destruction, anti-platelet antibody production, and lymphocyte distribution patterns in a murine model of immune thrombocytopenia. Experimental Hematology, 2016, 44, 924-930.e1.	0.2	34
59	Splenic lymphocyte subtypes in immune thrombocytopenia: increased presence of a subtype of Bâ€regulatory cells. British Journal of Haematology, 2016, 173, 159-160.	1.2	15
60	CD20+ B-cell depletion therapy suppresses murine CD8+ T-cellâ€"mediated immune thrombocytopenia. Blood, 2016, 127, 735-738.	0.6	55
61	Microparticles as biomarkers of lung disease: enumeration in biological fluids using lipid bilayer microspheres. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L802-L814.	1.3	23
62	Elevation of C-reactive protein levels in patients with transfusion-related acute lung injury. Oncotarget, 2016, 7, 78048-78054.	0.8	28
63	Alleviation of gram-negative bacterial lung inflammation by targeting HECTD2. Annals of Translational Medicine, 2016, 4, 488-488.	0.7	2
64	C-reactive protein enhances murine antibodyâ€"mediated transfusion-related acute lung injury. Blood, 2015, 126, 2747-2751.	0.6	54
65	Nouvelle Cuisine: Platelets Served with Inflammation. Journal of Immunology, 2015, 194, 5579-5587.	0.4	170
66	Peripheral blood monocyte-derived chemokine blockade prevents murine transfusion-related acute lung injury (TRALI). Blood, 2014, 123, 3496-3503.	0.6	57
67	The immune system as seen through the eyes of a platelet. ISBT Science Series, 2014, 9, 198-203.	1.1	1
68	Pathogenesis of immune thrombocytopenia. Presse Medicale, 2014, 43, e49-e59.	0.8	101
69	A comprehensive study of ovine haemostasis to assess suitability to model human coagulation. Thrombosis Research, 2014, 134, 468-473.	0.8	30
70	Allogeneic platelet transfusions prevent murine T-cellâ€"mediated immune thrombocytopenia. Blood, 2014, 123, 422-427.	0.6	27
71	Platelets release mitochondria serving as substrate for bactericidal group IIA-secreted phospholipase A2 to promote inflammation. Blood, 2014, 124, 2173-2183.	0.6	513
72	Cellular immune dysfunction in immune thrombocytopenia (<scp>ITP</scp>). British Journal of Haematology, 2013, 163, 10-23.	1.2	155

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73	Innate and Adaptive Immunity in Immune Thrombocytopenia. Seminars in Hematology, 2013, 50, S68-S70.	1.8	14
74	The cellular pathophysiology of immune thrombocytopenia. ISBT Science Series, 2013, 8, 210-213.	1.1	0
75	The immunopathogenesis of immune thrombocytopenia. Current Opinion in Hematology, 2012, 19, 357-362.	1.2	67
76	Thymic retention of CD4+CD25+FoxP3+ T regulatory cells is associated with their peripheral deficiency and thrombocytopenia in a murine model of immune thrombocytopenia. Blood, 2012, 120, 2127-2132.	0.6	86
77	Bregging rights in ITP. Blood, 2012, 120, 3169-3169.	0.6	5
78	Platelets have a role as immune cells. ISBT Science Series, 2012, 7, 269-273.	1.1	3
79	Intravenous Immunoglobulin Prevents Murine Antibody-Mediated Acute Lung Injury at the Level of Neutrophil Reactive Oxygen Species (ROS) Production. PLoS ONE, 2012, 7, e31357.	1.1	50
80	Platelets and the immune continuum. Nature Reviews Immunology, 2011, 11, 264-274.	10.6	1,361
81	Recent progress in understanding the pathogenesis of immune thrombocytopenia. Current Opinion in Hematology, 2010, 17, 590-595.	1.2	72
82	A murine model of severe immune thrombocytopenia is induced by antibody- and CD8+ T cellâ€“mediated responses that are differentially sensitive to therapy. Blood, 2010, 115, 1247-1253.	0.6	176
83	Recipient T lymphocytes modulate the severity of antibody-mediated transfusion-related acute lung injury. Blood, 2010, 116, 3073-3079.	0.6	50
84	Animal models of immune thrombocytopenia (ITP). Annals of Hematology, 2010, 89, 37-44.	0.8	18
85	Platelets and innate immunity. Cellular and Molecular Life Sciences, 2010, 67, 499-511.	2.4	277
86	Infections, Antigen-Presenting Cells, T Cells, and Immune Tolerance: Their Role in the Pathogenesis of Immune Thrombocytopenia. Hematology/Oncology Clinics of North America, 2009, 23, 1177-1192.	0.9	25
87	ITP has elevated BAFF expression. Blood, 2009, 114, 5248-5249.	0.6	3
88	Intravenous immunoglobulin products: an update on their mechanisms of action. ISBT Science Series, 2008, 3, 152-158.	1.1	1
89	Transfusionâ€related immunomodulation by platelets is dependent on their expression of MHC Class I molecules and is independent of white cells. Transfusion, 2008, 48, 1778-1786.	0.8	65
90	A novel immunosuppressive pathway involving peroxynitrateâ€mediated nitration of platelet antigens within antigenâ€presenting cells. Transfusion, 2008, 48, 1917-1924.	0.8	2

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91	Platelet-bound lipopolysaccharide enhances Fc receptorâ€"mediated phagocytosis of IgG-opsonized platelets. Blood, 2007, 109, 4803-4805.	0.6	122
92	A New Murine Model of Immune Thrombocytopenia: Evidence of Both Antibody- and CD8+ T Cell-Mediated Platelet Destruction.. Blood, 2007, 110, 99-99.	0.6	2
93	Platelet Toll-like receptor expression modulates lipopolysaccharide-induced thrombocytopenia and tumor necrosis factor-Î± production in vivo. Blood, 2006, 107, 637-641.	0.6	431
94	Intravenous immunoglobulin inhibits anti-glycoprotein IIb-induced platelet apoptosis in a murine model of immune thrombocytopenia. British Journal of Haematology, 2006, 133, 060207074859002.	1.2	67
95	Autoimmune Pathogenesis and Autoimmune Hemolytic Anemia. Seminars in Hematology, 2005, 42, 122-130.	1.8	57
96	Cellular immune mechanisms in autoimmune thrombocytopenic purpura: An update. Transfusion Medicine Reviews, 2003, 17, 69-80.	0.9	91
97	IVIG induces dose-dependent amelioration of ITP in rodent models. Blood, 2003, 101, 1658-1659.	0.6	6
98	Leukoreduction Just Doesn't â€œTake Awayâ€•Immunogenic Leukcocytes, It Creates an Immunosuppressive Leukocyte Dose.. Vox Sanguinis, 2002, 83, 425-428.	0.7	5
99	Extreme leukoreduction of major histocompatibility complex class II positive B cells enhances allogeneic platelet immunity. Blood, 1999, 93, 713-20.	0.6	11
100	Immunobiology of T helper cells and antigenâ€presenting cells in autoimmune thrombocytopenic purpura (ITP). Acta Paediatrica, International Journal of Paediatrics, 1998, 87, 41-45.	0.7	20
101	Characterization of plateletâ€reactive antibodies in children with varicellaâ€associated acute immune thrombocytopenic purpura (ITP). British Journal of Haematology, 1996, 95, 145-152.	1.2	95
102	Platelet-Surface Glycoproteins in Healthy and Preeclamptic Mothers and Their Newborn Infants. Pediatric Research, 1996, 40, 876-880.	1.1	31
103	Differences in serum cytokine levels in acute and chronic autoimmune thrombocytopenic purpura: relationship to platelet phenotype and antiplatelet T-cell reactivity. Blood, 1996, 87, 4245-54.	0.6	86
104	Abnormal cellular immune mechanisms associated with autoimmune thrombocytopenia. Transfusion Medicine Reviews, 1995, 9, 327-338.	0.9	26
105	Flow cytometric evaluation of platelet activation in blood collected into EDTA vs. Diatube-H, a sodium citrate solution supplemented with theophylline, adenosine, and dipyridamole. American Journal of Hematology, 1995, 50, 40-45.	2.0	52
106	Rapid separation of CD4+ and CD19+ lymphocyte populations from human peripheral blood by a magnetic activated cell sorter (MACS). Cytometry, 1993, 14, 955-960.	1.8	48
107	Cellular Immune Mechanisms in Chronic Autoimmune Thrombocytopenic Purpura (ATP). Autoimmunity, 1992, 13, 311-319.	1.2	15
108	Suppressed natural killer cell activity in patients with chronic autoimmune thrombocytopenic purpura. American Journal of Hematology, 1991, 37, 258-262.	2.0	47

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109	Increased antiplatelet T helper lymphocyte reactivity in patients with autoimmune thrombocytopenia. Blood, 1991, 78, 2619-25.	0.6	50
110	Processing and presentation of insulin. II. Evidence for intracellular, plasma membrane-associated and extracellular degradation of human insulin by antigen-presenting B cells. Journal of Immunology, 1989, 142, 4184-93.	0.4	18
111	Pathways of Processing of Insulin by Antigen-Presenting Cells. Immunological Reviews, 1988, 106, 195-222.	2.8	19