John W Semple

List of Publications by Year
in descending order

117	7,224	71102	58581
papers	citations	41 h-index	82 g-index

118	118	118	7032
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in the mechanisms and treatment of immune thrombocytopenia. EBioMedicine, 2022, 76, 103820.	6.1	46
2	Platelet extracellular vesicles mediate transfusion-related acute lung injury by imbalancing the sphingolipid rheostat. Blood, 2021, 137, 690-701.	1.4	43
3	Pancreatic involvement in murine antibodyâ€mediated transfusionâ€related acute lung injury?. Transfusion, 2021, 61, 987-989.	1.6	1
4	Platelets inhibit erythrocyte invasion by Plasmodium falciparum at physiological platelet:erythrocyte ratios. Transfusion Medicine, 2021, , .	1.1	0
5	Distinct phenotypes of platelet, monocyte, and neutrophil activation occur during the acute and convalescent phase of COVID-19. Platelets, 2021, 32, 1092-1102.	2.3	13
6	A Review of Romiplostim Mechanism of Action and Clinical Applicability. Drug Design, Development and Therapy, 2021, Volume 15, 2243-2268.	4.3	35
7	Decitabine revives Treg function in ITP. Blood, 2021, 138, 591-592.	1.4	1
8	Platelets instruct T reg cells and macrophages in the resolution of lung inflammation. Journal of Experimental Medicine, 2021, 218, .	8.5	4
9	The EHA Research Roadmap: Platelet Disorders. HemaSphere, 2021, 5, e601.	2.7	3
10	Platelet EVs contain an active proteasome involved in protein processing for antigen presentation via MHC-I molecules. Blood, 2021, 138, 2607-2620.	1.4	44
11	Megakaryocytes listen for their progenyâ€™s progeny during inflammation. Journal of Thrombosis and Haemostasis, 2021, 19, 604-606.	3.8	2
12	Platelets in ITP: Victims in Charge of Their Own Fate?. Cells, 2021, 10, 3235.	4.1	14
13	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.	2.3	31
14	An update on the pathophysiology of immune thrombocytopenia. Current Opinion in Hematology, 2020, 27, 423-429.	2.5	79
15	Evaluation of Platelet Responses in Transfusion-Related Acute Lung Injury (TRALI). Transfusion Medicine Reviews, 2020, 34, 227-233.	2.0	12
16	The Immune Nature of Platelets Revisited. Transfusion Medicine Reviews, 2020, 34, 209-220.	2.0	104
17	Update on the pathophysiology of transfusion-related acute lung injury. Current Opinion in Hematology, 2020, 27, 386-391.	2.5	16
18	Biological and structural characterization of murine TRALI antibody reveals increased Fc-mediated complement activation. Blood Advances, 2020, 4, 3875-3885.	5.2	8

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19	The contribution of recipient platelets in <scp>TRALI</scp>: has the jury reached a verdict?. Transfusion, 2020, 60, 886-888.	1.6	8
20	Platelet immunology from the inside out. ISBT Science Series, 2020, 15, 315-319.	1.1	11
21	FcÎ³RI and FcÎ³RIII on splenic macrophages mediate phagocytosis of anti-glycoprotein IIb/IIIa autoantibody-opsonized platelets in immune thrombocytopenia. Haematologica, 2020, 106, 250-254.	3.5	36
22	Treating murine inflammatory diseases with an anti-erythrocyte antibody. Science Translational Medicine, 2019, 11, .	12.4	15
23	The Role of Complement in Transfusion-Related Acute Lung Injury. Transfusion Medicine Reviews, 2019, 33, 236-242.	2.0	23
24	Mechanisms and therapeutic prospects of thrombopoietin receptor agonists. Seminars in Hematology, 2019, 56, 262-278.	3.4	25
25	Osteopontin mediates murine transfusion-related acute lung injury via stimulation of pulmonary neutrophil accumulation. Blood, 2019, 134, 74-84.	1.4	42
26	Transfusion-associated circulatory overload and transfusion-related acute lung injury. Blood, 2019, 133, 1840-1853.	1.4	174
27	The Ultimate Murine Model of Immune Thrombocytopaenia. Thrombosis and Haemostasis, 2019, 119, 353-354.	3.4	2
28	Transfusion-related Acute Lung Injury in the Perioperative Patient. Anesthesiology, 2019, 131, 693-715.	2.5	26
29	Transfusionâ€associated circulatory overload (<scp>TACO</scp>): Time to shed light on the pathophysiology. ISBT Science Series, 2019, 14, 136-139.	1.1	3
30	Targeting Transfusion-Related Acute Lung Injury: The Journey From Basic Science to Novel Therapies. Critical Care Medicine, 2018, 46, e452-e458.	0.9	49
31	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.	2.5	13
32	A highly purified form of staphylococcal protein A alleviates murine immune thrombocytopenia (<scp>ITP</scp>). British Journal of Haematology, 2018, 183, 501-503.	2.5	10
33	The Pathogenic Involvement of Neutrophils in Acute Respiratory Distress Syndrome and Transfusion-Related Acute Lung Injury. Transfusion Medicine and Hemotherapy, 2018, 45, 290-298.	1.6	70
34	Gastrointestinal microbiota contributes to the development of murine transfusion-related acute lung injury. Blood Advances, 2018, 2, 1651-1663.	5.2	44
35	Immune Functions of Platelets. , 2018, , 241-259.		1
36	T regulatory cells and dendritic cells protect against transfusion-related acute lung injury via IL-10. Blood, 2017, 129, 2557-2569.	1.4	93

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37	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.	2.9	26
38	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.	2.3	13
39	Mature murine megakaryocytes present antigen-MHC class I molecules to T cells and transfer them to platelets. Blood Advances, 2017, 1, 1773-1785.	5.2	90
40	Pathogenesis and Therapeutic Mechanisms in Immune Thrombocytopenia (ITP). Journal of Clinical Medicine, 2017, 6, 16.	2.4	318
41	Low levels of interleukin-10 in patients with transfusion-related acute lung injury. Annals of Translational Medicine, 2017, 5, 339-339.	1.7	27
42	Platelets as immune-sensing cells. Blood Advances, 2016, 1, 10-14.	5.2	53
43	Platelet Functions Beyond Hemostasis. , 2016, , 221-237.		3
44	The nonhemostatic immune functions of platelets. Seminars in Hematology, 2016, 53, S2-S6.	3.4	26
45	Move over Tregs, MDSCs are here. Blood, 2016, 127, 1526-1528.	1.4	5
46	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.	0.4	34
47	Splenic lymphocyte subtypes in immune thrombocytopenia: increased presence of a subtype of Bâ€regulatory cells. British Journal of Haematology, 2016, 173, 159-160.	2.5	15
48	CD20+ B-cell depletion therapy suppresses murine CD8+ T-cellâ€“mediated immune thrombocytopenia. Blood, 2016, 127, 735-738.	1.4	55
49	Acute Lung Injury Causes Asynchronous Alveolar Ventilation That Can Be Corrected by Individual Sighs. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 396-406.	5.6	40
50	Elevation of C-reactive protein levels in patients with transfusion-related acute lung injury. Oncotarget, 2016, 7, 78048-78054.	1.8	28
51	C-reactive protein enhances murine antibodyâ€“mediated transfusion-related acute lung injury. Blood, 2015, 126, 2747-2751.	1.4	54
52	C-reactive protein boosts antibody-mediated platelet destruction. Blood, 2015, 125, 1690-1691.	1.4	5
53	Nouvelle Cuisine: Platelets Served with Inflammation. Journal of Immunology, 2015, 194, 5579-5587.	0.8	170
54	Peripheral blood monocyte-derived chemokine blockade prevents murine transfusion-related acute lung injury (TRALI). Blood, 2014, 123, 3496-3503.	1.4	57

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55	Platelet GPIb-IX Has Suppressive Effects on Septic Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 962-963.	2.4	0
56	Pathogenesis of immune thrombocytopenia. Presse Medicale, 2014, 43, e49-e59.	1.9	101
57	Allogeneic platelet transfusions prevent murine T-cellâ€“mediated immune thrombocytopenia. Blood, 2014, 123, 422-427.	1.4	27
58	Platelets release mitochondria serving as substrate for bactericidal group IIA-secreted phospholipase A2 to promote inflammation. Blood, 2014, 124, 2173-2183.	1.4	513
59	Cellular immune dysfunction in immune thrombocytopenia (<scp>ITP</scp>). British Journal of Haematology, 2013, 163, 10-23.	2.5	155
60	Innate and Adaptive Immunity in Immune Thrombocytopenia. Seminars in Hematology, 2013, 50, S68-S70.	3.4	14
61	The immunopathogenesis of immune thrombocytopenia. Current Opinion in Hematology, 2012, 19, 357-362.	2.5	67
62	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.	1.4	86
63	Bregging rights in ITP. Blood, 2012, 120, 3169-3169.	1.4	5
64	T granules in human platelets function in TLR9 organization and signaling. Journal of Cell Biology, 2012, 198, 561-574.	5.2	162
65	Intravenous Immunoglobulin Prevents Murine Antibody-Mediated Acute Lung Injury at the Level of Neutrophil Reactive Oxygen Species (ROS) Production. PLoS ONE, 2012, 7, e31357.	2.5	50
66	Management of Immune Thrombocytopenic Purpura in Children. Paediatric Drugs, 2011, 13, 213-223.	3.1	12
67	Current problems and future directions of transfusionâ€induced alloimmunization: summary of an NHLBI working group. Transfusion, 2011, 51, 435-441.	1.6	78
68	Platelets and the immune continuum. Nature Reviews Immunology, 2011, 11, 264-274.	22.7	1,361
69	Single nucleotide polymorphism (SNP) analysis demonstrates a significant association of tumour necrosis factor-alpha (TNFA) with primary immune thrombocytopenia among Caucasian adults. Hematology, 2011, 16, 243-248.	1.5	17
70	Recent progress in understanding the pathogenesis of immune thrombocytopenia. Current Opinion in Hematology, 2010, 17, 590-595.	2.5	72
71	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.	1.4	176
72	Recipient T lymphocytes modulate the severity of antibody-mediated transfusion-related acute lung injury. Blood, 2010, 116, 3073-3079.	1.4	50

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73	Animal models of immune thrombocytopenia (ITP). Annals of Hematology, 2010, 89, 37-44.	1.8	18
74	Platelets and innate immunity. Cellular and Molecular Life Sciences, 2010, 67, 499-511.	5.4	277
75	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.	2.2	25
76	In HPA 1a-immunized women the decrease in anti-HPA 1a antibody level during pregnancy is not associated with anti-idiotypic antibodies. Haematologica, 2009, 94, 441-443.	3.5	7
77	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.	1.6	65
78	A novel immunosuppressive pathway involving peroxynitrateâ€mediated nitration of platelet antigens within antigenâ€presenting cells. Transfusion, 2008, 48, 1917-1924.	1.6	2
79	Evaluation of Platelet Gel Characteristics Using Thrombin Produced by the Thrombin Processing Device: A Comparative Study. Journal of Oral and Maxillofacial Surgery, 2008, 66, 632-638.	1.2	14
80	Plasma-derived biological medicines used to promote haemostasis. Thrombosis and Haemostasis, 2008, 99, 851-862.	3.4	33
81	A role for IL-1 receptor antagonist or other cytokines in the acute therapeutic effects of IVIg?. Blood, 2007, 109, 155-158.	1.4	81
82	Platelet-bound lipopolysaccharide enhances Fc receptorâ€“mediated phagocytosis of IgG-opsonized platelets. Blood, 2007, 109, 4803-4805.	1.4	122
83	Epitope specificity and isotype of monoclonal anti-D antibodies dictate their ability to inhibit phagocytosis of opsonized platelets. Blood, 2007, 110, 1359-1361.	1.4	11
84	Rituximab disciplines T cells, spares platelets. Blood, 2007, 110, 2784-2785.	1.4	4
85	About the mechanism of action of WinRhoï¿½SDF. Transfusion, 2007, 47, 351-351.	1.6	0
86	Platelet and red blood cell phagocytosis kinetics are differentially controlled by phosphatase activity within mononuclear cells. Transfusion, 2007, 47, 2161-2168.	1.6	17
87	Platelet Toll-like receptor expression modulates lipopolysaccharide-induced thrombocytopenia and tumor necrosis factor-Î± production in vivo. Blood, 2006, 107, 637-641.	1.4	431
88	Mechanisms underlying autoimmunity in hematology. Drug Discovery Today Disease Mechanisms, 2006, 3, 231-235.	0.8	4
89	A novel murine model of fetal and neonatal alloimmune thrombocytopenia: response to intravenous IgG therapy. Blood, 2006, 107, 2976-2983.	1.4	80
90	Intravenous immunoglobulin inhibits anti-glycoprotein IIb-induced platelet apoptosis in a murine model of immune thrombocytopenia. British Journal of Haematology, 2006, 133, 060207074859002.	2.5	67

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91	Autoimmune Pathogenesis and Autoimmune Hemolytic Anemia. Seminars in Hematology, 2005, 42, 122-130.	3.4	57
92	Quality of thrombin produced from the patient's own plasma using the TPD, a new Thrombin-processing Device. Journal of Extra-Corporeal Technology, 2005, 37, 196-200.	0.4	4
93	Immune responsiveness against allogeneic platelet transfusions is determined by the recipient's major histocompatibility complex class II phenotype. Transfusion, 2004, 44, 1572-1578.	1.6	13
94	IgG antiplatelet immunity is dependent on an early innate natural killer cellâ€“derived interferon-Î³ response that is regulated by CD8+ T cells. Blood, 2004, 103, 2705-2709.	1.4	35
95	Cellular immune mechanisms in autoimmune thrombocytopenic purpura: An update. Transfusion Medicine Reviews, 2003, 17, 69-80.	2.0	91
96	T cell and cytokine abnormalities in patients with autoimmune thrombocytopenic purpura. Transfusion and Apheresis Science, 2003, 28, 237-242.	1.0	26
97	Pathogenic T-Cell Responses in Patients With Autoimmune Thrombocytopenic Purpura. Journal of Pediatric Hematology/Oncology, 2003, 25, S11-S13.	0.6	7
98	IVIG induces dose-dependent amelioration of ITP in rodent models. Blood, 2003, 101, 1658-1659.	1.4	6
99	Anti-D initially stimulates an Fc-dependent leukocyte oxidative burst and subsequently suppresses erythrophagocytosis via interleukin-1 receptor antagonist. Blood, 2003, 102, 2862-2867.	1.4	47
100	Î³-Globulins prepared from sera of multiparous women bind anti-HLA antibodies and inhibit an established in vivo human alloimmune response. Blood, 2002, 100, 1055-1059.	1.4	28
101	Recipient antigenâ€processing pathways of allogeneic platelet antigens: essential mediators ofâ€ƒimmunity. Transfusion, 2002, 42, 958-961.	1.6	14
102	IVIg inhibits reticuloendothelial system function and ameliorates murine passiveâ€immune thrombocytopenia independent of antiâ€idiotype reactivity. British Journal of Haematology, 2001, 115, 679-686.	2.5	96
103	Comparison of platelet immunity in patients with SLE and with ITP. Transfusion Science, 2000, 22, 19-27.	0.6	37
104	Unique processing pathways within recipient antigen-presenting cells determine IgG immunity against donor platelet MHC antigens. Blood, 2000, 95, 1735-1742.	1.4	38
105	Flow Cytometric Parameters for Characterizing Platelet Activation by Measuring P-Selectin (CD62) Expression: Theoretical Consideration and Evaluation in Thrombin-Treated Platelet Populations. Biochemical and Biophysical Research Communications, 2000, 269, 85-90.	2.1	51
106	Quantification of Platelet Activation Status by Analyzing P-Selectin Expression. Biochemical and Biophysical Research Communications, 2000, 273, 565-570.	2.1	38
107	Extreme Leukoreduction of Major Histocompatibility Complex Class II Positive B Cells Enhances Allogeneic Platelet Immunity. Blood, 1999, 93, 713-720.	1.4	46
108	The Cellular Immunology Associated with Autoimmune Thrombocytopenic Purpura: An Update. Transfusion Science, 1998, 19, 245-251.	0.6	30

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109	Mechanisms of platelet autoimmunity: The role of macrophages. Clinical Immunology Newsletter, 1996, 16, 85-94.	0.1	0
110	Characterization of plateletâ€reactive antibodies in children with varicellaâ€associated acute immune thrombocytopenic purpura (ITP). British Journal of Haematology, 1996, 95, 145-152.	2.5	95
111	Abnormal cellular immune mechanisms associated with autoimmune thrombocytopenia. Transfusion Medicine Reviews, 1995, 9, 327-338.	2.0	26
112	Cellular Immune Mechanisms in Chronic Autoimmune Thrombocytopenic Purpura (ATP). Autoimmunity, 1992, 13, 311-319.	2.6	15
113	Altered processing of human insulin by B lymphocytes from an immunologically insulinresistant type I diabetic patient. Journal of Autoimmunity, 1991, 4, 277-289.	6.5	4
114	Suppressed natural killer cell activity in patients with chronic autoimmune thrombocytopenic purpura. American Journal of Hematology, 1991, 37, 258-262.	4.1	47
115	Pathways of Processing of Insulin by Antigen-Presenting Cells. Immunological Reviews, 1988, 106, 195-222.	6.0	19
116	Influence of antigen processing on immune responsiveness. Trends in Immunology, 1988, 9, 216-218.	7.5	24
117	Enhanced natural killer (NK) cell activity and NK-sensitive thymic cells in murine muscular dystrophy. Cellular Immunology, 1983, 82, 316-325.	3.0	6