Perumal Thiagarajan

List of Publications by Year
in descending order

127	5,098	136885	91828
papers	citations	32 h-index	69 g-index

130	130	130	8500
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Essential role for Nix in autophagic maturation of erythroid cells. Nature, 2008, 454, 232-235.	13.7	1,008
2	Tissue-factorâ€“bearing microvesicles arise from lipid rafts and fuse with activated platelets to initiate coagulation. Blood, 2005, 106, 1604-1611.	0.6	887
3	P-Selectin Expression on Platelets Determines Size and Stability of Platelet Aggregates. Circulation, 2000, 102, 1931-1936.	1.6	271
4	Lactadherin and clearance of platelet-derived microvesicles. Blood, 2009, 113, 1332-1339.	0.6	175
5	Platelet Microparticles Promote Platelet Interaction With Subendothelial Matrix in a Glycoprotein IIb/IIIaâ€“Dependent Mechanism. Circulation, 1999, 99, 2577-2582.	1.6	144
6	Developmental Endothelial Locus-1 (Del-1) Mediates Clearance of Platelet Microparticles by the Endothelium. Circulation, 2012, 125, 1664-1672.	1.6	138
7	Brain-derived microparticles induce systemic coagulation in a murine model of traumatic brain injury. Blood, 2015, 125, 2151-2159.	0.6	127
8	A New Role for P-Selectin in Shear-Induced Platelet Aggregation. Circulation, 2000, 102, 2045-2050.	1.6	105
9	Monoclonal Antibody Light Chain with Prothrombinase Activityâ€. Biochemistry, 2000, 39, 6459-6465.	1.2	102
10	Leukocyte adhesion and thrombosis. Current Opinion in Hematology, 2006, 13, 34-39.	1.2	92
11	Lactadherin binding and phosphatidylserine expression on cell surface-comparison with annexin A5. Translational Research, 2006, 148, 19-25.	2.2	83
12	Cardiolipin-mediated procoagulant activity of mitochondria contributes to traumatic brain injuryâ€“associated coagulopathy in mice. Blood, 2016, 127, 2763-2772.	0.6	80
13	Effect of P-Selectin on Phosphatidylserine Exposure and Surface-Dependent Thrombin Generation on Monocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1065-1070.	1.1	77
14	Inhibition of Arterial Thrombosis by Recombinant Annexin V in a Rabbit Carotid Artery Injury Model. Circulation, 1997, 96, 2339-2347.	1.6	70
15	Associations of anti-?2-glycoprotein I autoantibodies with HLA class II alleles in three ethnic groups. Arthritis and Rheumatism, 1999, 42, 268-274.	6.7	69
16	von Willebrand factor enhances microvesicle-induced vascular leakage and coagulopathy in mice with traumatic brain injury. Blood, 2018, 132, 1075-1084.	0.6	64
17	Role for Sulfatides in Platelet Aggregation. Circulation, 2001, 104, 2955-2960.	1.6	62
18	Platelet senescence and phosphatidylserine exposure. Transfusion, 2010, 50, 2167-2175.	0.8	62

#	Article	IF	Citations
19	How Do Red Blood Cells Die?. Frontiers in Physiology, 2021, 12, 655393.	1.3	61
20	Sulfatides Activate Platelets Through P-Selectin and Enhance Platelet and Plateletâ€“Leukocyte Aggregation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 258-263.	1.1	59
21	Lactadherin promotes microvesicle clearance to prevent coagulopathy and improves survival of severe TBI mice. Blood, 2018, 131, 563-572.	0.6	59
22	Alternative Adhesion Sites in Human Fibrinogen for Vascular Endothelial Cellsâ€. Biochemistry, 1996, 35, 4169-4175.	1.2	57
23	Platelet-Vessel Wall Interactions in Hemostasis and Thrombosis. Colloquium Series on Integrated Systems Physiology From Molecule To Function, 2010, 2, 1-75.	0.3	50
24	Thrombotic, inflammatory, and HIF-regulated genes and thrombosis risk in polycythemia vera and essential thrombocythemia. Blood Advances, 2020, 4, 1115-1130.	2.5	49
25	The activity of the androgen receptor variant ARâ€V7 is regulated by FOXO1 in a PTENâ€PI3Kâ€AKTâ€dependent way. Prostate, 2013, 73, 267-277.	1.2	48
26	Cholesterol Sulfate. Circulation, 2001, 103, 2032-2034.	1.6	46
27	Dasatinib inhibits actin fiber reorganization and promotes endothelial cell permeability through RhoAâ€<scp>ROCK</scp> pathway. Cancer Medicine, 2017, 6, 809-818.	1.3	38
28	HIF-mediated increased ROS from reduced mitophagy and decreased catalase causes neocytolysis. Journal of Molecular Medicine, 2015, 93, 857-866.	1.7	37
29	Membrane proteins on human megakaryocytes and platelets identified by monoclonal antibodies. American Journal of Hematology, 1983, 14, 255-269.	2.0	36
30	Light-chain paraproteins with lupus anticoagulant activity. , 1999, 62, 99-102.		36
31	Phagocytosis of platelet microvesicles and Î²2â€“ glycoprotein I. Thrombosis and Haemostasis, 2010, 104, 335-341.	1.8	35
32	Characterization of a novel autosomal dominant bleeding disorder in a large kindred from east Texas. Blood, 2001, 97, 1549-1554.	0.6	34
33	Thrombin receptor activating peptide (SFLLRN) potentiates shear-induced platelet microvesiculation. Translational Research, 2000, 135, 66-72.	2.4	33
34	Role of lactadherin in the clearance of phosphatidylserineâ€expressing red blood cells. Transfusion, 2008, 48, 2370-2376.	0.8	32
35	Extracellular mitochondria released from traumatized brains induced platelet procoagulant activity. Haematologica, 2020, 105, 209-217.	1.7	32
36	LUPUS ANTICOAGULANTS AND ANTIPHOSPHOLIPID ANTIBODIES. Hematology/Oncology Clinics of North America, 1998, 12, 1167-1192.	0.9	30

#	Article	IF	Citations
37	Polymorphism of ?2-glycoprotein I at codons 306 and 316 in patients with systemic lupus erythematosus and antiphospholipid syndrome. Arthritis and Rheumatism, 1999, 42, 1189-1193.	6.7	30
38	Glycoprotein IIb/IIIa Antagonists in Acute Ischaemic Stroke. Drugs, 2008, 68, 1019-1028.	4.9	30
39	MECHANISM OF ACTION OF THE LUPUS ANTICOAGULANT. Annals of the New York Academy of Sciences, 1981, 370, 359-365.	1.8	28
40	Lipid profile of platelets and platelet-derived microparticles in ovarian cancer. BBA Clinical, 2016, 6, 76-81.	4.1	26
41	Î²₂-Glycoprotein I Promotes the Binding of Anionic Phospholipid Vesicles by Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 2807-2811.	1.1	25
42	Primary antiphospholipid antibody syndrome with mutations in the phospholipid binding domain of ?2-glycoprotein I. American Journal of Hematology, 2000, 65, 160-165.	2.0	25
43	Cross-clade HIV-1 neutralization by an antibody fragment from a lupus phage display library. Aids, 2004, 18, 329-331.	1.0	24
44	Cardiolipin Binding a Light Chain from Lupus-Prone Miceâ€,â€¡. Biochemistry, 1998, 37, 1430-1437.	1.2	23
45	Fibrin(ogen) peptide B.beta. 15-42 inhibits platelet aggregation and fibrinogen binding to activated platelets. Biochemistry, 1988, 27, 6121-6126.	1.2	21
46	Antiplatelet factor 4/heparin antibodies in patients with gram negative bacteremia. Thrombosis Research, 2013, 132, 217-220.	0.8	20
47	Platelet Transfusion Therapy. Hematology/Oncology Clinics of North America, 2013, 27, 629-643.	0.9	20
48	A Critical Role for Membrane Sulfatide in Platelet Aggregation.. Blood, 2004, 104, 626-626.	0.6	20
49	Cephalosporin Side Chain Idiosyncrasies: A Case Report of Ceftriaxone-Induced Agranulocytosis and Review of Literature. Open Forum Infectious Diseases, 2015, 2, ofv007.	0.4	19
50	Erythrocyte membrane sulfatide plays a crucial role in the adhesion of sickle erythrocytes to endothelium. Thrombosis and Haemostasis, 2011, 105, 1046-1052.	1.8	18
51	A small amount of cyclooxygenase 2 (COX2) is constitutively expressed in platelets. Platelets, 2017, 28, 99-102.	1.1	18
52	Atherosclerosis, Autoimmunity, and Systemic Lupus Erythematosus. Circulation, 2001, 104, 1876-1877.	1.6	18
53	Polymorphisms Î²2-glycoprotein I: phospholipid binding and multimeric structure. Thrombosis Research, 2002, 108, 175-180.	0.8	16
54	Mutations in Hcfc1 and Ronin result in an inborn error of cobalamin metabolism and ribosomopathy. Nature Communications, 2022, 13, 134.	5.8	16

#	Article	IF	Citations
55	A recombinant fragment of von Willebrand factor reduces fibrin-rich microthrombi formation in mice with endotoxemia. Thrombosis Research, 2015, 135, 1025-1030.	0.8	15
56	The role of lactadherin in the phagocytosis of phosphatidylserine-expressing sickle red blood cells by macrophages. Haematologica, 2005, 90, 1267-8.	1.7	15
57	Lactadherin mediates sickle cell adhesion to vascular endothelial cells in flowing blood. Haematologica, 2007, 92, 1266-1267.	1.7	14
58	New Targets for Antithrombotic Drugs. American Journal of Cardiovascular Drugs, 2002, 2, 227-235.	1.0	13
59	Rho Associated Coiled-Coil Kinase-1 Regulates Collagen-Induced Phosphatidylserine Exposure in Platelets. PLoS ONE, 2013, 8, e84649.	1.1	13
60	A human erythroleukemia cell line synthesizes a functionally active glycoprotein IIb-IIIa complex capable of binding fibrinogen. Biochimica Et Biophysica Acta - General Subjects, 1987, 924, 127-134.	1.1	12
61	Mechanisms of Antithrombotic Drugs. Advances in Pharmacology, 1999, 46, 297-324.	1.2	12
62	Ticagrelor induces paraoxonase-1 (PON1) and better protects hypercholesterolemic mice against atherosclerosis compared to clopidogrel. PLoS ONE, 2019, 14, e0218934.	1.1	12
63	In vitro assays for evaluating platelet function. , 2002, , 459-470.		11
64	Inhibition of thrombin activity by prothrombin activation fragment 1.2. Journal of Thrombosis and Thrombolysis, 2007, 24, 157-162.	1.0	11
65	Characterization of autoantibodies against sulfatide from a V-gene phage-display library derived from patients with systemic lupus erythematosus. Journal of Immunological Methods, 2004, 295, 129-137.	0.6	10
66	Antiphospholipid Syndrome With Anti-Prothrombin Autoantibodies in a Patient With an Axial-Flow Left Ventricular Assist Device. Journal of Heart and Lung Transplantation, 2005, 24, 1133-1136.	0.3	10
67	Effect of an anti-sulfatide single-chain antibody probe on platelet function. Thrombosis and Haemostasis, 2008, 99, 552-557.	1.8	10
68	Progressive transfusion and growth factor independence with adjuvant sertraline in low risk myelodysplastic syndrome treated with an erythropoiesis stimulating agent and granulocyte-colony stimulating factor. Leukemia Research Reports, 2015, 4, 1-3.	0.2	10
69	Lisinopril-Induced Angioedema in a Patient with Plasma Prekallikrein Deficiency. TH Open, 2020, 04, e33-e35.	0.7	10
70	Wdr1-Dependent Actin Reorganization in Platelet Activation. PLoS ONE, 2016, 11, e0162897.	1.1	10
71	Howell-Jolly Bodyâ€“Like Inclusions in Neutrophils of a Transplant Recipient in Association With Ganciclovir Therapy. Archives of Pathology and Laboratory Medicine, 2010, 134, 809-810.	1.2	10
72	Lupus-Derived Antiprothrombin Autoantibodies from a V Gene Phage Display Library Are Specific for the Kringle 2 Domain of Prothrombinâ€. Biochemistry, 2004, 43, 4047-4054.	1.2	9

#	Article	IF	Citations
73	Prothrombin Cleaving Antibody Light Chains. , 2000, 77, 115-129.		8
74	A Pilot Trial of Low-Dose Intravenous Abciximab and Unfractionated Heparin for Acute Ischemic Stroke: Translating GP IIb/IIIa Receptor Inhibition to Clinical Practice. Translational Stroke Research, 2010, 1, 170-177.	2.3	8
75	Monoclonal antibodies for specific cell labeling: Considerations, preparations and preliminary evaluation. International Journal of Radiation Applications and Instrumentation Part B, Nuclear Medicine and Biology, 1987, 14, 51-58.	0.3	7
76	Does neocytolysis exist after descent from high altitude?. Acta Physiologica, 2021, 233, e13713.	1.8	7
77	Phlebotomy-Induced Iron Deficiency Increases the Expression of Prothrombotic Genes. Blood, 2020, 136, 11-12.	0.6	6
78	A modified Arg-Asp-Val (RDV) peptide derived during the synthesis of Arg-Glu-Asp-Val (REDV), a tetrapeptide derived from an alternatively spliced site in fibronectin, inhibits the binding of fibrinogen, fibronectin, von Willebrand factor and vitronectin to activated platelets. Biochimica Et Biophysica Acta - General Subjects, 1991, 1075, 237-247.	1.1	5
79	The Role of Carboxy-Terminal Glycosaminoglycan-binding Domain of Vitronectin in Cytoskeletal Organization and Migration of Endothelial Cells. Cell Adhesion and Communication, 1996, 4, 317-325.	1.7	5
80	Characterization of Î²2-glycoprotein I-dependent and -independent â€œantiphospholipidâ€•antibodies from lupus-prone NZW/BXSB F1 hybrid male mice. , 1997, 56, 86-92.		5
81	Myeloma with Russell bodies. American Journal of Hematology, 2005, 78, 79-79.	2.0	5
82	Gouty tophi in the bone marrow. British Journal of Haematology, 2016, 172, 9-9.	1.2	5
83	Cofilinâ€1â€“induced actin reorganization in stored platelets. Transfusion, 2020, 60, 806-814.	0.8	5
84	Extremely High Levels of Microvesicle-Associated Tissue Factor in a Patient with Cancer-Related Thrombosis.. Blood, 2004, 104, 2605-2605.	0.6	5
85	Transient Neutrophilic Thrombophagocytosis Associated With Citrobacter freundii Septicemia. Archives of Pathology and Laboratory Medicine, 2006, 130, 1754-1755.	1.2	4
86	Gelatinous Marrow Transformation Associated with Imatinib: Case Report and Literature Review. Case Reports in Hematology, 2017, 2017, 1-4.	0.3	3
87	Essential Role of Pro-Apoptotic Mechanisms for Production of Normal Erythrocytes and Prevention of Hemolysis.. Blood, 2007, 110, 426-426.	0.6	3
88	A Novel Molecular Mechanism In The Interplay Of Platelet GPIb-VWF-Fibrin In Thrombus Formation. Blood, 2013, 122, 1065-1065.	0.6	3
89	Cell Membrane Sulfatide Promotes Sickle Cell Adhesion to Endothelium.. Blood, 2007, 110, 1722-1722.	0.6	3
90	Upregulation of Tissue Factor May Contribute to Thrombosis in Polycythemia Vera and Essential Thrombocythemia. Blood, 2018, 132, 2513-2513.	0.6	2

#	Article	IF	Citations
91	Cofilin-1 â€“ Induced Actin Reorganization and Phosphatidylserine Exposure in Platelets. Blood, 2014, 124, 4153-4153.	0.6	2
92	Inherited Giant Platelet Disorder, Kashmiri Thrombocytopenia, a Common Syndrome Found in Srinagar, India. Blood, 2014, 124, 4211-4211.	0.6	2
93	Oxidative Stress in Blood Cells Associated with Obstructive Sleep Apnea Contributes to Absence of Hypoxia-Induced Polycythemia. Blood, 2016, 128, 2442-2442.	0.6	2
94	Upregulation of Thrombo-Inflammatory Pathways May Contribute to Increased Thrombotic Risk in Polycythemia Vera and Essential Thrombocythemia. Blood, 2016, 128, 3143-3143.	0.6	2
95	Iron Deficiency in Polycythemia Vera Increases HIF Activity and Transcription of Prothrombotic Genes. Blood, 2021, 138, 2549-2549.	0.6	2
96	Case in Point. Hospital Practice (1995), 2000, 35, 22-22.	0.5	1
97	Biomarker-based Assessment of Urinary Tract Infection in Persons with Spinal Cord Injury. Open Forum Infectious Diseases, 2017, 4, S352-S352.	0.4	1
98	Wdr-1 is essential for F-actin interaction with focal adhesions in platelets. Blood Coagulation and Fibrinolysis, 2018, 29, 540-545.	0.5	1
99	Characterization of Î²2â€glycoprotein Iâ€dependent and â€independent â€œantiphospholipidâ€antibodies from lupusâ€prone NZW/BXSB F1 hybrid male mice. American Journal of Hematology, 1997, 56, 86-92.	2.0	1
100	Lactadherin and Clearance of Platelet-Derived Microvesicles.. Blood, 2008, 112, 1840-1840.	0.6	1
101	Gouty Arthritis in a Patient With Ivemark Syndrome. Southern Medical Journal, 1996, 89, 834-835.	0.3	0
102	Case in Point. Hospital Practice (1995), 1999, 34, 40-40.	0.5	0
103	MFG-E8 in the Blood Cell Homeostasis and Coagulation. , 2014, , 65-84.		0
104	HLA class II meets Î²2-glycoprotein I. Blood, 2015, 125, 2741-2741.	0.6	0
105	Down Regulation of Thrombin Procoagulant Activity by Prothrombin Activation Fragment 1.2.. Blood, 2004, 104, 1946-1946.	0.6	0
106	The Role of Lactadherin in the Phagocytosis of Phosphatidylserine-Expressing Sickle Red Blood Cell by Macrophages.. Blood, 2005, 106, 3773-3773.	0.6	0
107	Lactadherin Enhances the Adhesion of Sickle Cells to Vascular Endothelial Cells.. Blood, 2005, 106, 2341-2341.	0.6	0
108	A Monoclonal Antibody to Lactadherin Inhibits Sickle Red Blood Cell Adhesion to Vascular Endothelial Cells in a Plasma Milieu.. Blood, 2006, 108, 1236-1236.	0.6	0

#	Article	IF	Citations
109	A Novel Whole Blood Real-Time Microparticles Detection Assay Using Lactadherin-Coupled Dynabeads.. Blood, 2007, 110, 702-702.	0.6	0
110	Platelet Senescence and Phosphatidylserine Exposure.. Blood, 2009, 114, 2117-2117.	0.6	0
111	The Role of Î²2-Glycoprotein I in the Clearance of Platelet Microvesicles.. Blood, 2009, 114, 145-145.	0.6	0
112	Differential Effect of An Autoantibody to Thrombin on Fibrinogen Cleavage and Protein C Activation.. Blood, 2010, 116, 3652-3652.	0.6	0
113	Clearance of Platelet Microvesicles by Endothelium. the Role of Developmental Endothelial Locusâ€“1 (Del-1). Blood, 2010, 116, 4303-4303.	0.6	0
114	Neocytolysis Is Associated with Changes in Increase of Mitochondrial Content and Impaired Protection From Reactive Oxygen Species. Blood, 2011, 118, 1029-1029.	0.6	0
115	Molecular Basis of Neocytolysis.. Blood, 2012, 120, 2093-2093.	0.6	0
116	Anti-Platelet Factor 4/Heparin Antibodies in Patients with Gram Negative Bacteremia. Blood, 2012, 120, 3391-3391.	0.6	0
117	Characterization Of An Acquired IgG Autoantibody To BÎ² and Î³ Chains Of Fibrinogen Resulting In Delayed Fibrin Polymerization and Severe Bleeding. Blood, 2013, 122, 2362-2362.	0.6	0
118	Rho Associated Coiled-Coil Kinase-1 Regulates Collagen-Induced Phosphatidylserine Exposure In Platelets. Blood, 2013, 122, 3509-3509.	0.6	0
119	Brain-Derived Microparticles Induce Systemic Coagulation Associated with Traumatic Brain Injury. Blood, 2014, 124, 1497-1497.	0.6	0
120	Neocytolysis Is Mediated by down Regulation of Catalase By Mir-21 Resulting in defective Clearance of reticulocyte mitochondrial ROS. Blood, 2014, 124, 1336-1336.	0.6	0
121	Wdr1-Mediated Actin Reorganization Is Essential for Integrin Î±IIbÎ²3 Activation in Platelets. Blood, 2015, 126, 2231-2231.	0.6	0
122	Absence of Polycythemia in Obstructive Sleep Apnea (OSA) Is Caused By Neocytolysis. Blood, 2015, 126, 3348-3348.	0.6	0
123	Dasatinib Inhibits Actin Fiber Reorganization and Promotes Endothelial Cell Permeability through RhoA-Rock Pathway. Blood, 2016, 128, 3103-3103.	0.6	0
124	Abstract WP66: Unexpected Conformational Change of Platelet Glycoprotein Ib (GPIb) Receptor After rt-PA Treatment of Large Vessel Ischemic Stroke. Stroke, 2017, 48, .	1.0	0
125	Cofilin-1 Activation in Stored Platelets. Blood, 2018, 132, 1256-1256.	0.6	0
126	CblX is a New Cobalamin Syndrome Affecting Craniofacial Development. FASEB Journal, 2020, 34, 1-1.	0.2	0

#	Article	IF	Citations
127	Downregulated KLF2 in PV and ET May Induce Prothrombotic Gene Expression. Blood, 2020, 136, 13-14.	0.6	0