Jaehyung Cho

List of Publications by Year
in descending order

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61	3,034	186265	189892
papers	citations	28 h-index	50 g-index

63	63	63	4332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neutrophil DREAM promotes neutrophil recruitment in vascular inflammation. Journal of Experimental Medicine, 2022, 219, .	8.5	11
2	Shear and Integrin Outside-In Signaling Activate NADPH-Oxidase 2 to Promote Platelet Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1638-1653.	2.4	12
3	ERO1-PDI Redox Signaling in Health and Disease. Antioxidants and Redox Signaling, 2021, 35, 1093-1115.	5.4	9
4	Neutrophil DREAM Promotes Neutrophil Recruitment in Vascular Inflammation Via Nuclear Factor Kappa B-Dependent and Independent Mechanisms. Blood, 2021, 138, 435-435.	1.4	0
5	Repurposing pyridoxamine for therapeutic intervention of intravascular cell-cell interactions in mouse models of sickle cell disease. Haematologica, 2020, 105, 2407-2419.	3.5	4
6	Protein disulfide isomerase in cardiovascular disease. Experimental and Molecular Medicine, 2020, 52, 390-399.	7.7	39
7	Binding of Host Cell Surface Protein Disulfide Isomerase by Anaplasma phagocytophilum Asp14 Enables Pathogen Infection. MBio, 2020, 11, .	4.1	17
8	Platelet Protein Disulfide Isomerase Promotes Glycoprotein Ibα–Mediated Platelet-Neutrophil Interactions Under Thromboinflammatory Conditions. Circulation, 2019, 139, 1300-1319.	1.6	63
9	YAP Controls Endothelial Activation and Vascular Inflammation Through TRAF6. Circulation Research, 2018, 123, 43-56.	4.5	153
10	Myeloperoxidase Negatively Regulates Neutrophil–Endothelial Cell Interactions by Impairing α2 Integrin Function in Sterile Inflammation. Frontiers in Medicine, 2018, 5, 134.	2.6	16
11	Redox Regulation of Mitochondrial Fission Protein Drp1 by Protein Disulfide Isomerase Limits Endothelial Senescence. Cell Reports, 2018, 23, 3565-3578.	6.4	104
12	Downstream Regulatory Element Antagonist Modulator (DREAM), a target for anti-thrombotic agents. Pharmacological Research, 2017, 117, 283-287.	7.1	1
13	DREAM plays an important role in platelet activation and thrombogenesis. Blood, 2017, 129, 209-225.	1.4	22
14	ARQ 092, an orally-available, selective AKT inhibitor, attenuates neutrophil-platelet interactions in sickle cell disease. Haematologica, 2017, 102, 246-259.	3.5	31
15	Ser/Thr protein kinase Bβ2-NADPH oxidase 2 signaling in thromboinflammation. Current Opinion in Hematology, 2017, 24, 460-466.	2.5	3
16	Differential Roles of the NADPH-Oxidase 1 and 2 in Platelet Activation and Thrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 846-854.	2.4	94
17	Signaling-mediated cooperativity between glycoprotein Ib-IX and protease-activated receptors in thrombin-induced platelet activation. Blood, 2016, 127, 626-636.	1.4	67
18	Endothelial p110γPI3K Mediates Endothelial Regeneration and Vascular Repair After Inflammatory Vascular Injury. Circulation, 2016, 133, 1093-1103.	1.6	58

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19	Abstract 41: Platelet Dream Plays a Critical Role During Thrombogenesis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	2.4	0
20	Specific Inhibition of AKT with ARQ 092, an Orally-Available Selective AKT Inhibitor, Attenuates Acute Vaso-Occlusive Events in Sickle Cell Disease. Blood, 2016, 128, 160-160.	1.4	0
21	NOX2 is critical for heterotypic neutrophil-platelet interactions during vascular inflammation. Blood, 2015, 126, 1952-1964.	1.4	69
22	Hydroxyurea with AKT2 inhibition decreases vaso-occlusive events in sickle cell disease mice. Blood, 2015, 126, 2511-2517.	1.4	18
23	A paradigm shift in platelet transfusion therapy. Blood, 2015, 125, 3523-3525.	1.4	14
24	Copper Transport Protein Antioxidant-1 Promotes Inflammatory Neovascularization via Chaperone and Transcription Factor Function. Scientific Reports, 2015, 5, 14780.	3.3	63
25	Plateletâ€“neutrophil interactions under thromboinflammatory conditions. Cellular and Molecular Life Sciences, 2015, 72, 2627-2643.	5.4	78
26	Neutrophil DREAM Is a Novel Regulator for Beta2 Integrin Function through NF-Kappab Signaling and Modulates Neutrophil Recruitment during Vascular Inflammation. Blood, 2015, 126, 888-888.	1.4	1
27	Abstract 19967: Differential Roles of the NADPH-Oxidase 1 and 2 in Platelet Activation and Thrombosis. Circulation, 2015, 132, .	1.6	0
28	Co-Administration of Hydroxyurea and a Specific AKT2 Inhibitor Has Beneficial Effects on Acute Vaso-Occlusive Events and Survival in Sickle Cell Disease Mice. Blood, 2015, 126, 3383-3383.	1.4	0
29	Platelet Surface PDI Controls the Ligand-Binding Function of Glycoprotein Ibalpha and Platelet-Neutrophil Interactions Under Thromboinflammatory Conditions. Blood, 2015, 126, 235-235.	1.4	0
30	Scalable Generation of Universal Platelets from Human Induced Pluripotent Stem Cells. Stem Cell Reports, 2014, 3, 817-831.	4.8	195
31	Prevention of vascular inflammation by nanoparticle targeting of adherent neutrophils. Nature Nanotechnology, 2014, 9, 204-210.	31.5	232
32	G proteinâ€“dependent basal and evoked endothelial cell vWF secretion. Blood, 2014, 123, 442-450.	1.4	25
33	Agonist-induced platelet procoagulant activity requires shear and a Rac1-dependent signaling mechanism. Blood, 2014, 124, 1957-1967.	1.4	35
34	Neutrophil AKT2 regulates heterotypic cell-cell interactions during vascular inflammation. Journal of Clinical Investigation, 2014, 124, 1483-1496.	8.2	65
35	DREAM, a Transcription Repressor, Is Critical for Calcium Signaling and Platelet Thrombus Formation Independently of Its Transcriptional Activity. Blood, 2014, 124, 338-338.	1.4	0
36	NADPH Oxidase 2 Is Critical for Heterotypic Neutrophil-Platelet Interactions during Vascular Inflammation. Blood, 2014, 124, 459-459.	1.4	0

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37	Extracellular protein disulfide isomerase regulates ligand-binding activity of Î±MÎ²2 integrin and neutrophil recruitment during vascular inflammation. Blood, 2013, 121, 3789-3800.	1.4	111
38	Protein disulfide isomerase in thrombosis and vascular inflammation. Journal of Thrombosis and Haemostasis, 2013, 11, 2084-2091.	3.8	51
39	A directional switch of integrin signalling and a new anti-thrombotic strategy. Nature, 2013, 503, 131-135.	27.8	146
40	Platelet protein disulfide isomerase is required for thrombus formation but not for hemostasis in mice. Blood, 2013, 122, 1052-1061.	1.4	159
41	Real-time Imaging of Heterotypic Platelet-neutrophil Interactions on the Activated Endothelium During Vascular Inflammation and Thrombus Formation in Live Mice. Journal of Visualized Experiments, 2013, , .	0.3	25
42	GÎ±12â€dependent constitutive ECâ€specific vWF secretion. FASEB Journal, 2013, 27, 878.2.	0.5	0
43	Neutrophil Akt2 Plays a Critical Role In Heterotypic Neutrophil-Platelet Interactions During Vascular Inflammation. Blood, 2013, 122, 321-321.	1.4	5
44	A Mechanism For Switch Of Integrin Signaling Direction and a New Anti-Thrombotic Strategy Through Selective Outside-In Signaling Inhibition. Blood, 2013, 122, 2295-2295.	1.4	0
45	Protein disulfide isomerase capture during thrombus formation in vivo depends on the presence of Î²3 integrins. Blood, 2012, 120, 647-655.	1.4	117
46	Platelets generated from human embryonic stem cells are functional in vitro and in the microcirculation of living mice. Cell Research, 2011, 21, 530-545.	12.0	156
47	Delivery of nanoparticleâ€complexed drugs across the vascular endothelial barrier via caveolae. IUBMB Life, 2011, 63, 659-667.	3.4	103
48	Protein Disulfide Isomerase Plays An Important Role in Beta2 Integrin-Mediated Neutrophil Recruitment During Vascular Inflammation. Blood, 2011, 118, 17-17.	1.4	3
49	Abstract 5178: Homing of circulating prostate cancer cells to bone is regulated by alpha 1,3 fucosyltransferase 7. , 2010, , .		0
50	Alpha 1,3 fucosyltransferases are master regulators of prostate cancer cell trafficking. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19491-19496.	7.1	109
51	A critical role for extracellular protein disulfide isomerase during thrombus formation in mice. Journal of Clinical Investigation, 2008, 118, 1123-31.	8.2	245
52	Endothelium but Not Platelet-Derived Protein Disulfide Isomerase Is Required for Fibrin Generation during Thrombus Formation in Vivo.. Blood, 2008, 112, 691-691.	1.4	1
53	Protein Disulfide Isomerase Is Required for Fibrin Generation and Platelet Thrombus Formation In Vivo.. Blood, 2007, 110, 292-292.	1.4	1
54	Enhancement of thrombogenesis by plasma fibronectin cross-linked to fibrin and assembled in platelet thrombi. Blood, 2006, 107, 3555-3563.	1.4	85

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55	Impact of fibronectin assembly on platelet thrombus formation in response to type I collagen and von Willebrand factor. Blood, 2006, 108, 2229-2236.	1.4	36
56	Characterization of fibronectin assembly by platelets adherent to adsorbed laminin-111. Journal of Thrombosis and Haemostasis, 2006, 4, 943-951.	3.8	25
57	Role of fibronectin assembly in platelet thrombus formation. Journal of Thrombosis and Haemostasis, 2006, 4, 1461-1469.	3.8	110
58	Fibrin but Not Adsorbed Fibrinogen Supports Fibronectin Assembly by Spread Platelets. Journal of Biological Chemistry, 2005, 280, 35490-35498.	3.4	33
59	Plasma Fibronectin Enhances Adhesion and Aggregation of Platelets by Both Its Incorporation into Adherent Platelets and Its Crosslinking to Fibrin Networks.. Blood, 2005, 106, 2655-2655.	1.4	1
60	The Antithrombotic Efficacy of AT-1459, a Novel, Direct Thrombin Inhibitor, in Rat Models of Venous and Arterial Thrombosis. Thrombosis and Haemostasis, 2001, 86, 1512-1520.	3.4	3
61	In Vitro and In Vivo Studies of AT-1362, a Newly Synthesized and Orally Active Inhibitor of Thrombin. Thrombosis Research, 2000, 100, 97-107.	1.7	10