

Jaehyung Cho

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,034
citations

186209

28
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189801

50
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all docs

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docs citations

63
times ranked

4332
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil DREAM promotes neutrophil recruitment in vascular inflammation. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	11
2	Shear and Integrin Outside-In Signaling Activate NADPH-Oxidase 2 to Promote Platelet Activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1638-1653.	1.1	12
3	ERO1-PDI Redox Signaling in Health and Disease. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 1093-1115.	2.5	9
4	Neutrophil DREAM Promotes Neutrophil Recruitment in Vascular Inflammation Via Nuclear Factor Kappa B-Dependent and Independent Mechanisms. <i>Blood</i> , 2021, 138, 435-435.	0.6	0
5	Repurposing pyridoxamine for therapeutic intervention of intravascular cell-cell interactions in mouse models of sickle cell disease. <i>Haematologica</i> , 2020, 105, 2407-2419.	1.7	4
6	Protein disulfide isomerase in cardiovascular disease. <i>Experimental and Molecular Medicine</i> , 2020, 52, 390-399.	3.2	39
7	Binding of Host Cell Surface Protein Disulfide Isomerase by <i>Anaplasma phagocytophilum</i> Asp14 Enables Pathogen Infection. <i>MBio</i> , 2020, 11, .	1.8	17
8	Platelet Protein Disulfide Isomerase Promotes Glycoprotein Ib α -Mediated Platelet-Neutrophil Interactions Under Thromboinflammatory Conditions. <i>Circulation</i> , 2019, 139, 1300-1319.	1.6	63
9	YAP Controls Endothelial Activation and Vascular Inflammation Through TRAF6. <i>Circulation Research</i> , 2018, 123, 43-56.	2.0	153
10	Myeloperoxidase Negatively Regulates Neutrophil-Endothelial Cell Interactions by Impairing β 2 Integrin Function in Sterile Inflammation. <i>Frontiers in Medicine</i> , 2018, 5, 134.	1.2	16
11	Redox Regulation of Mitochondrial Fission Protein Drp1 by Protein Disulfide Isomerase Limits Endothelial Senescence. <i>Cell Reports</i> , 2018, 23, 3565-3578.	2.9	104
12	Downstream Regulatory Element Antagonist Modulator (DREAM), a target for anti-thrombotic agents. <i>Pharmacological Research</i> , 2017, 117, 283-287.	3.1	1
13	DREAM plays an important role in platelet activation and thrombogenesis. <i>Blood</i> , 2017, 129, 209-225.	0.6	22
14	ARQ 092, an orally-available, selective AKT inhibitor, attenuates neutrophil-platelet interactions in sickle cell disease. <i>Haematologica</i> , 2017, 102, 246-259.	1.7	31
15	Ser/Thr protein kinase β 2-NADPH oxidase 2 signaling in thromboinflammation. <i>Current Opinion in Hematology</i> , 2017, 24, 460-466.	1.2	3
16	Differential Roles of the NADPH-Oxidase 1 and 2 in Platelet Activation and Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 846-854.	1.1	94
17	Signaling-mediated cooperativity between glycoprotein Ib-IX and protease-activated receptors in thrombin-induced platelet activation. <i>Blood</i> , 2016, 127, 626-636.	0.6	67
18	Endothelial p110 β PI3K Mediates Endothelial Regeneration and Vascular Repair After Inflammatory Vascular Injury. <i>Circulation</i> , 2016, 133, 1093-1103.	1.6	58

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19	Abstract 41: Platelet Dream Plays a Critical Role During Thrombogenesis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	1.1	0
20	Specific Inhibition of AKT with ARQ 092, an Orally-Available Selective AKT Inhibitor, Attenuates Acute Vaso-Occlusive Events in Sickle Cell Disease. <i>Blood</i> , 2016, 128, 160-160.	0.6	0
21	NOX2 is critical for heterotypic neutrophil-platelet interactions during vascular inflammation. <i>Blood</i> , 2015, 126, 1952-1964.	0.6	69
22	Hydroxyurea with AKT2 inhibition decreases vaso-occlusive events in sickle cell disease mice. <i>Blood</i> , 2015, 126, 2511-2517.	0.6	18
23	A paradigm shift in platelet transfusion therapy. <i>Blood</i> , 2015, 125, 3523-3525.	0.6	14
24	Copper Transport Protein Antioxidant-1 Promotes Inflammatory Neovascularization via Chaperone and Transcription Factor Function. <i>Scientific Reports</i> , 2015, 5, 14780.	1.6	63
25	Platelet-neutrophil interactions under thromboinflammatory conditions. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 2627-2643.	2.4	78
26	Neutrophil DREAM Is a Novel Regulator for Beta2 Integrin Function through NF-KappaB Signaling and Modulates Neutrophil Recruitment during Vascular Inflammation. <i>Blood</i> , 2015, 126, 888-888.	0.6	1
27	Abstract 19967: Differential Roles of the NADPH-Oxidase 1 and 2 in Platelet Activation and Thrombosis. <i>Circulation</i> , 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. <i>Blood</i> , 2015, 126, 3383-3383.	0.6	0
29	Platelet Surface PDI Controls the Ligand-Binding Function of Glycoprotein Ibalpha and Platelet-Neutrophil Interactions Under Thromboinflammatory Conditions. <i>Blood</i> , 2015, 126, 235-235.	0.6	0
30	Scalable Generation of Universal Platelets from Human Induced Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2014, 3, 817-831.	2.3	195
31	Prevention of vascular inflammation by nanoparticle targeting of adherent neutrophils. <i>Nature Nanotechnology</i> , 2014, 9, 204-210.	15.6	232
32	G protein-dependent basal and evoked endothelial cell vWF secretion. <i>Blood</i> , 2014, 123, 442-450.	0.6	25
33	Agonist-induced platelet procoagulant activity requires shear and a Rac1-dependent signaling mechanism. <i>Blood</i> , 2014, 124, 1957-1967.	0.6	35
34	Neutrophil AKT2 regulates heterotypic cell-cell interactions during vascular inflammation. <i>Journal of Clinical Investigation</i> , 2014, 124, 1483-1496.	3.9	65
35	DREAM, a Transcription Repressor, Is Critical for Calcium Signaling and Platelet Thrombus Formation Independently of Its Transcriptional Activity. <i>Blood</i> , 2014, 124, 338-338.	0.6	0
36	NADPH Oxidase 2 Is Critical for Heterotypic Neutrophil-Platelet Interactions during Vascular Inflammation. <i>Blood</i> , 2014, 124, 459-459.	0.6	0

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37	Extracellular protein disulfide isomerase regulates ligand-binding activity of α 2 β 1 integrin and neutrophil recruitment during vascular inflammation. <i>Blood</i> , 2013, 121, 3789-3800.	0.6	111
38	Protein disulfide isomerase in thrombosis and vascular inflammation. <i>Journal of Thrombosis and Haemostasis</i> , 2013, 11, 2084-2091.	1.9	51
39	A directional switch of integrin signalling and a new anti-thrombotic strategy. <i>Nature</i> , 2013, 503, 131-135.	13.7	146
40	Platelet protein disulfide isomerase is required for thrombus formation but not for hemostasis in mice. <i>Blood</i> , 2013, 122, 1052-1061.	0.6	159
41	Real-time Imaging of Heterotypic Platelet-neutrophil Interactions on the Activated Endothelium During Vascular Inflammation and Thrombus Formation in Live Mice. <i>Journal of Visualized Experiments</i> , 2013, , .	0.2	25
42	α 2 β 1-dependent constitutive EC-specific vWF secretion. <i>FASEB Journal</i> , 2013, 27, 878.2.	0.2	0
43	Neutrophil Akt2 Plays a Critical Role In Heterotypic Neutrophil-Platelet Interactions During Vascular Inflammation. <i>Blood</i> , 2013, 122, 321-321.	0.6	5
44	A Mechanism For Switch Of Integrin Signaling Direction and a New Anti-Thrombotic Strategy Through Selective Outside-In Signaling Inhibition. <i>Blood</i> , 2013, 122, 2295-2295.	0.6	0
45	Protein disulfide isomerase capture during thrombus formation in vivo depends on the presence of α 2 β 1 integrins. <i>Blood</i> , 2012, 120, 647-655.	0.6	117
46	Platelets generated from human embryonic stem cells are functional in vitro and in the microcirculation of living mice. <i>Cell Research</i> , 2011, 21, 530-545.	5.7	156
47	Delivery of nanoparticle-complexed drugs across the vascular endothelial barrier via caveolae. <i>IUBMB Life</i> , 2011, 63, 659-667.	1.5	103
48	Protein Disulfide Isomerase Plays An Important Role in Beta2 Integrin-Mediated Neutrophil Recruitment During Vascular Inflammation. <i>Blood</i> , 2011, 118, 17-17.	0.6	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19491-19496.	3.3	109
51	A critical role for extracellular protein disulfide isomerase during thrombus formation in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 1123-31.	3.9	245
52	Endothelium but Not Platelet-Derived Protein Disulfide Isomerase Is Required for Fibrin Generation during Thrombus Formation in Vivo.. <i>Blood</i> , 2008, 112, 691-691.	0.6	1
53	Protein Disulfide Isomerase Is Required for Fibrin Generation and Platelet Thrombus Formation In Vivo.. <i>Blood</i> , 2007, 110, 292-292.	0.6	1
54	Enhancement of thrombogenesis by plasma fibronectin cross-linked to fibrin and assembled in platelet thrombi. <i>Blood</i> , 2006, 107, 3555-3563.	0.6	85

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55	Impact of fibronectin assembly on platelet thrombus formation in response to type I collagen and von Willebrand factor. <i>Blood</i> , 2006, 108, 2229-2236.	0.6	36
56	Characterization of fibronectin assembly by platelets adherent to adsorbed laminin-111. <i>Journal of Thrombosis and Haemostasis</i> , 2006, 4, 943-951.	1.9	25
57	Role of fibronectin assembly in platelet thrombus formation. <i>Journal of Thrombosis and Haemostasis</i> , 2006, 4, 1461-1469.	1.9	110
58	Fibrin but Not Adsorbed Fibrinogen Supports Fibronectin Assembly by Spread Platelets. <i>Journal of Biological Chemistry</i> , 2005, 280, 35490-35498.	1.6	33
59	Plasma Fibronectin Enhances Adhesion and Aggregation of Platelets by Both Its Incorporation into Adherent Platelets and Its Crosslinking to Fibrin Networks.. <i>Blood</i> , 2005, 106, 2655-2655.	0.6	1
60	The Antithrombotic Efficacy of AT-1459, a Novel, Direct Thrombin Inhibitor, in Rat Models of Venous and Arterial Thrombosis. <i>Thrombosis and Haemostasis</i> , 2001, 86, 1512-1520.	1.8	3
61	In Vitro and In Vivo Studies of AT-1362, a Newly Synthesized and Orally Active Inhibitor of Thrombin. <i>Thrombosis Research</i> , 2000, 100, 97-107.	0.8	10