

John Hwa

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

4,179
citations

147801

31
h-index

144013

57
g-index

63
all docs

63
docs citations

63
times ranked

7981
citing authors

#	ARTICLE	IF	CITATIONS
1	Endotheliopathy in COVID-19-associated coagulopathy: evidence from a single-centre, cross-sectional study. <i>Lancet Haematology</i> , 2020, 7, e575-e582.	4.6	848
2	Thrombocytopathy and endotheliopathy: crucial contributors to COVID-19 thromboinflammation. <i>Nature Reviews Cardiology</i> , 2021, 18, 194-209.	13.7	304
3	Aldose Reductase, Oxidative Stress, and Diabetic Mellitus. <i>Frontiers in Pharmacology</i> , 2012, 3, 87.	3.5	303
4	A neutrophil activation signature predicts critical illness and mortality in COVID-19. <i>Blood Advances</i> , 2021, 5, 1164-1177.	5.2	241
5	Ten-Eleven Translocation-2 (TET2) Is a Master Regulator of Smooth Muscle Cell Plasticity. <i>Circulation</i> , 2013, 128, 2047-2057.	1.6	231
6	Role of Platelet Mitochondria: Life in a Nucleus-Free Zone. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 153.	2.4	124
7	A Form of the Metabolic Syndrome Associated with Mutations in <i>DYRK1B</i> . <i>New England Journal of Medicine</i> , 2014, 370, 1909-1919.	27.0	116
8	Acceleration of Cardiovascular Disease by a Dysfunctional Prostacyclin Receptor Mutation. <i>Circulation Research</i> , 2008, 102, 986-993.	4.5	112
9	Circular RNA CircMAP3K5 Acts as a MicroRNA-22-3p Sponge to Promote Resolution of Intimal Hyperplasia Via TET2-Mediated Smooth Muscle Cell Differentiation. <i>Circulation</i> , 2021, 143, 354-371.	1.6	110
10	The Wnt Antagonist Dickkopf-1 Promotes Pathological Type 2 Cell-Mediated Inflammation. <i>Immunity</i> , 2016, 44, 246-258.	14.3	107
11	Circulating markers of angiogenesis and endotheliopathy in COVID-19. <i>Pulmonary Circulation</i> , 2020, 10, 1-4.	1.7	103
12	Inducing mitophagy in diabetic platelets protects against severe oxidative stress. <i>EMBO Molecular Medicine</i> , 2016, 8, 779-795.	6.9	95
13	Glucose and collagen regulate human platelet activity through aldose reductase induction of thromboxane. <i>Journal of Clinical Investigation</i> , 2011, 121, 4462-4476.	8.2	95
14	Prostacyclin: An Inflammatory Paradox. <i>Frontiers in Pharmacology</i> , 2011, 2, 24.	3.5	93
15	Aldose Reductase-Mediated Phosphorylation of p53 Leads to Mitochondrial Dysfunction and Damage in Diabetic Platelets. <i>Circulation</i> , 2014, 129, 1598-1609.	1.6	89
16	Hyperglycemia repression of miR-24 coordinately upregulates endothelial cell expression and secretion of von Willebrand factor. <i>Blood</i> , 2015, 125, 3377-3387.	1.4	84
17	Platelet-derived miR-223 promotes a phenotypic switch in arterial injury repair. <i>Journal of Clinical Investigation</i> , 2019, 129, 1372-1386.	8.2	83
18	Cardioprotective mechanism of SGLT2 inhibitor against myocardial infarction is through reduction of autosis. <i>Protein and Cell</i> , 2022, 13, 336-359.	11.0	74

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19	Liver injury in COVID-19 and IL-6 trans-signaling-induced endotheliopathy. <i>Journal of Hepatology</i> , 2021, 75, 647-658.	3.7	67
20	LMO7 Is a Negative Feedback Regulator of Transforming Growth Factor β Signaling and Fibrosis. <i>Circulation</i> , 2019, 139, 679-693.	1.6	63
21	SEN1-mediated NEMO deSUMOylation in adipocytes limits inflammatory responses and type-1 diabetes progression. <i>Nature Communications</i> , 2015, 6, 8917.	12.8	49
22	Gasdermin D inhibition confers antineutrophil-mediated cardioprotection in acute myocardial infarction. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	46
23	Regulation of VWF expression, and secretion in health and disease. <i>Current Opinion in Hematology</i> , 2016, 23, 288-293.	2.5	45
24	Mitochondrial MsrB2 serves as a switch and transducer for mitophagy. <i>EMBO Molecular Medicine</i> , 2019, 11, e10409.	6.9	44
25	Impaired Receptor Binding and Activation Associated with a Human Prostacyclin Receptor Polymorphism. <i>Journal of Biological Chemistry</i> , 2002, 277, 15439-15444.	3.4	41
26	Phosphorylation of GATA-6 is required for vascular smooth muscle cell differentiation after mTORC1 inhibition. <i>Science Signaling</i> , 2015, 8, ra44.	3.6	39
27	Age associated non-linear regulation of redox homeostasis in the anucleate platelet: Implications for CVD risk patients. <i>EBioMedicine</i> , 2019, 44, 28-40.	6.1	37
28	Reduced Platelet miR-223 Induction in Kawasaki Disease Leads to Severe Coronary Artery Pathology Through a miR-223/PDGFR β Vascular Smooth Muscle Cell Axis. <i>Circulation Research</i> , 2020, 127, 855-873.	4.5	37
29	Diabetes Exacerbates Myocardial Ischemia/Reperfusion Injury by Down-Regulation of MicroRNA and Up-Regulation of O-GlcNAcylation. <i>JACC Basic To Translational Science</i> , 2018, 3, 350-362.	4.1	36
30	An eicosanoid-centric view of atherothrombotic risk factors. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 3361-3380.	5.4	34
31	Differential association between human prostacyclin receptor polymorphisms and the development of venous thrombosis and intimal hyperplasia: a clinical biomarker study. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 611-620.	1.5	33
32	Dominant Negative Actions of Human Prostacyclin Receptor Variant Through Dimerization: Implications for Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1802-1809.	2.4	32
33	TET2 Protects Against Vascular Smooth Muscle Cell Apoptosis and Intimal Thickening in Transplant Vasculopathy. <i>Circulation</i> , 2021, 144, 455-470.	1.6	31
34	Individual variation of human S1P1 coding sequence leads to heterogeneity in receptor function and drug interactions. <i>Journal of Lipid Research</i> , 2014, 55, 2665-2675.	4.2	27
35	Histone Acetyltransferases p300 and CBP Coordinate Distinct Chromatin Remodeling Programs in Vascular Smooth Muscle Plasticity. <i>Circulation</i> , 2022, 145, 1720-1737.	1.6	27
36	Comprehensive Biochemical Analysis of Rare Prostacyclin Receptor Variants. <i>Journal of Biological Chemistry</i> , 2011, 286, 7060-7069.	3.4	25

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37	CELA2A mutations predispose to early-onset atherosclerosis and metabolic syndrome and affect plasma insulin and platelet activation. <i>Nature Genetics</i> , 2019, 51, 1233-1243.	21.4	23
38	Opposing Actions of AKT (Protein Kinase B) Isoforms in Vascular Smooth Muscle Injury and Therapeutic Response. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 2311-2321.	2.4	22
39	SNP in human ARHGEF3 promoter is associated with DNase hypersensitivity, transcript level and platelet function, and Arhgef3 KO mice have increased mean platelet volume. <i>PLoS ONE</i> , 2017, 12, e0178095.	2.5	20
40	A guide to molecular and functional investigations of platelets to bridge basic and clinical sciences. , 2022, 1, 223-237.		20
41	Muscle LIM Protein Force-Sensing Mediates Sarcomeric Biomechanical Signaling in Human Familial Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2022, 145, 1238-1253.	1.6	20
42	Familial dilated cardiomyopathy diagnosis is commonly overlooked at the time of transplant listing. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 474-480.	0.6	18
43	Site-Directed Mutations and the Polymorphic Variant Ala160Thr in the Human Thromboxane Receptor Uncover a Structural Role for Transmembrane Helix 4. <i>PLoS ONE</i> , 2012, 7, e29996.	2.5	16
44	Rhodopsin and Retinitis Pigmentosa: Shedding Light on Structure and Function. <i>Receptors and Channels</i> , 2002, 8, 33-50.	1.1	14
45	Patterns of Change in Nesiritide Use in Patients With Heart Failure. <i>JACC: Heart Failure</i> , 2013, 1, 318-324.	4.1	14
46	Low-dose Aspirin prevents hypertension and cardiac fibrosis when thromboxane A2 is unrestrained. <i>Pharmacological Research</i> , 2021, 170, 105744.	7.1	11
47	Unfolded Protein Response Differentially Modulates the Platelet Phenotype. <i>Circulation Research</i> , 2022, 131, 290-307.	4.5	11
48	Biased suppression of TP homodimerization and signaling through disruption of a TM GxxxGxxxL helical interaction motif. <i>Journal of Lipid Research</i> , 2013, 54, 1678-1690.	4.2	9
49	Inverse Agonism of SQ 29,548 and Ramatroban on Thromboxane A2 Receptor. <i>PLoS ONE</i> , 2014, 9, e85937.	2.5	9
50	Epithelial (E)-Cadherin is a Novel Mediator of Platelet Aggregation and Clot Stability. <i>Thrombosis and Haemostasis</i> , 2019, 119, 744-757.	3.4	9
51	Human Thromboxane A2 Receptor Genetic Variants: In Silico, In Vitro and <i>in Platelet</i> Analysis. <i>PLoS ONE</i> , 2013, 8, e67314.	2.5	7
52	Molecular Imaging of Factor XIII Activity for the Early Detection of Mouse Coronary Microvascular Disease. <i>Theranostics</i> , 2019, 9, 1474-1489.	10.0	5
53	Parkin Coordinates Platelet Stress Response in Diabetes Mellitus: A Big Role in a Small Cell. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5869.	4.1	3
54	Multifactor dimensionality reduction analysis identifies specific nucleotide patterns promoting genetic polymorphisms. <i>BioData Mining</i> , 2009, 2, 2.	4.0	2

#	ARTICLE	IF	CITATIONS
55	Author's response to "platelet antioxidants: A conundrum in aging", EBioMedicine, 2019, 47, 31-32.	6.1	2
56	Technical Feasibility of a Murine Model of Sleeve Gastrectomy with Ileal Transposition. Obesity Surgery, 2019, 29, 593-600.	2.1	2
57	Response to Letter Regarding Article, "Ten-Eleven Translocation-2 (TET2) Is a Master Regulator of Smooth Muscle Cell Plasticity", Circulation, 2014, 130, e72.	1.6	1
58	"CO ₂ ping With a Sticky Situation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2344-2345.	2.4	1
59	Sugar, Fat, and YAP: A Recipe for Vascular Stiffness. Circulation Research, 2022, 130, 868-870.	4.5	0
60	High-multiplexing quantitative CodePlex proteomic profiling of platelets in triple-negative breast cancer (TNBC) patients and healthy subjects.. Journal of Clinical Oncology, 2022, 40, e15017-e15017.	1.6	0