Ying Yu

List of Publications by Year in descending order

81 papers	3,518 citations	117619 34 h-index	149686 56 g-index
84 all docs	84 docs citations	84 times ranked	5926 citing authors

#	Article	IF	Citations
1	Prostanoids in health and disease. Journal of Lipid Research, 2009, 50, S423-S428.	4.2	412
2	Vascular COX-2 Modulates Blood Pressure and Thrombosis in Mice. Science Translational Medicine, 2012, 4, 132ra54.	12.4	194
3	High salt primes a specific activation state of macrophages, M(Na). Cell Research, 2015, 25, 893-910.	12.0	189
4	Genetic targeting of sprouting angiogenesis using Apln-CreER. Nature Communications, 2015, 6, 6020.	12.8	111
5	Vitamin D Inhibits COX-2 Expression and Inflammatory Response by Targeting Thioesterase Superfamily Member 4. Journal of Biological Chemistry, 2014, 289, 11681-11694.	3.4	107
6	Prostaglandin F _{2Î±} elevates blood pressure and promotes atherosclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7985-7990.	7.1	98
7	Arterial Sca1+ Vascular Stem Cells Generate De Novo Smooth Muscle for Artery Repair and Regeneration. Cell Stem Cell, 2020, 26, 81-96.e4.	11.1	98
8	Thromboxane A2 Activates YAP/TAZ Protein to Induce Vascular Smooth Muscle Cell Proliferation and Migration. Journal of Biological Chemistry, 2016, 291, 18947-18958.	3.4	88
9	Genetic model of selective COX2 inhibition reveals novel heterodimer signaling. Nature Medicine, 2006, 12, 699-704.	30.7	76
10	Perivascular adipose tissueâ€“derived extracellular vesicle miRâ€221â€3p mediates vascular remodeling. FASEB Journal, 2019, 33, 12704-12722.	0.5	76
11	Cyclooxygenase-2â€“Derived Prostaglandin E ₂ Promotes Injury-Induced Vascular Neointimal Hyperplasia Through the E-prostanoid 3 Receptor. Circulation Research, 2013, 113, 104-114.	4.5	69
12	EP3 receptor deficiency attenuates pulmonary hypertension through suppression of Rho/TGF-Î²1 signaling. Journal of Clinical Investigation, 2015, 125, 1228-1242.	8.2	68
13	Identification of a hybrid myocardial zone in the mammalian heart after birth. Nature Communications, 2017, 8, 87.	12.8	67
14	Differential impact of prostaglandin H synthase 1 knockdown on platelets and parturition. Journal of Clinical Investigation, 2005, 115, 986-995.	8.2	64
15	Mineralocorticoid Receptor Deficiency in Macrophages Inhibits Neointimal Hyperplasia and Suppresses Macrophage Inflammation Through SGK1-AP1/NF-ÎºB Pathways. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 874-885.	2.4	63
16	Niacin ameliorates ulcerative colitis via prostaglandin D ₂ â€mediated D prostanoid receptor 1 activation. EMBO Molecular Medicine, 2017, 9, 571-588.	6.9	63
17	Hydrogen Sulfide Regulates KrÃ¼ppelâ€Like Factor 5 Transcription Activity via Specificity Protein 1 Sâ€Sulfhydration at Cys664 to Prevent Myocardial Hypertrophy. Journal of the American Heart Association, 2016, 5, .	3.7	59
18	Targeted Cyclooxygenase Gene (Ptgs) Exchange Reveals Discriminant Isoform Functionality. Journal of Biological Chemistry, 2007, 282, 1498-1506.	3.4	55

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19	PKA regulatory IIÎ± subunit is essential for PGD2-mediated resolution of inflammation. Journal of Experimental Medicine, 2016, 213, 2209-2226.	8.5	55
20	CRTH2 promotes endoplasmic reticulum stressâ€induced cardiomyocyte apoptosis through mâ€calpain. EMBO Molecular Medicine, 2018, 10, .	6.9	55
21	Mineralocorticoid Receptor Deficiency in T Cells Attenuates Pressure Overloadâ€“Induced Cardiac Hypertrophy and Dysfunction Through Modulating T-Cell Activation. Hypertension, 2017, 70, 137-147.	2.7	51
22	Epicardium-to-fat transition in injured heart. Cell Research, 2014, 24, 1367-1369.	12.0	49
23	Early treatment with Resolvin E1 facilitates myocardial recovery from ischaemia in mice. British Journal of Pharmacology, 2018, 175, 1205-1216.	5.4	48
24	Inhibition of CRTH2-mediated Th2 activation attenuates pulmonary hypertension in mice. Journal of Experimental Medicine, 2018, 215, 2175-2195.	8.5	48
25	Loss of DP1 Aggravates Vascular Remodeling in Pulmonary Arterial Hypertension via mTORC1 Signaling. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1263-1276.	5.6	47
26	Cyclooxygenase-2â€“Dependent Prostacyclin Formation and Blood Pressure Homeostasis. Circulation Research, 2010, 106, 337-345.	4.5	45
27	Myeloid Mineralocorticoid Receptor Deficiency Inhibits Aortic Constriction-Induced Cardiac Hypertrophy in Mice. PLoS ONE, 2014, 9, e110950.	2.5	44
28	Myeloid-derived suppressor cell function is diminished in aspirin-triggered allergic airway hyperresponsiveness inÂmice. Journal of Allergy and Clinical Immunology, 2014, 134, 1163-1174.e16.	2.9	42
29	RAGE-mediated extracellular matrix proteins accumulation exacerbates HySu-induced pulmonary hypertension. Cardiovascular Research, 2017, 113, 586-597.	3.8	42
30	Prostaglandin F2Î± Facilitates Hepatic Glucose Production Through CaMKIIÎ³/p38/FOXO1 Signaling Pathway in Fasting and Obesity. Diabetes, 2018, 67, 1748-1760.	0.6	41
31	Resolvin E1 attenuates inj uryâ€induced vascular neointimal formation by inhibition of inflammatory responses and vascular smooth muscle cell migration. FASEB Journal, 2018, 32, 5413-5425.	0.5	40
32	Exploring genetic associations with ceRNA regulation in the human genome. Nucleic Acids Research, 2017, 45, 5653-5665.	14.5	39
33	Fibroblasts in an endocardial fibroelastosis disease model mainly originate from mesenchymal derivatives of epicardium. Cell Research, 2017, 27, 1157-1177.	12.0	39
34	Cross Talk between Histone Deacetylase 4 and STAT6 in the Transcriptional Regulation of Arginase 1 during Mouse Dendritic Cell Differentiation. Molecular and Cellular Biology, 2015, 35, 63-75.	2.3	37
35	Activation of E-prostanoid 3 receptor in macrophages facilitates cardiac healing after myocardial infarction. Nature Communications, 2017, 8, 14656.	12.8	36
36	Deletion of Macrophage Mineralocorticoid Receptor Protects Hepatic Steatosis and Insulin Resistance Through ERÎ±/HGF/Met Pathway. Diabetes, 2017, 66, 1535-1547.	0.6	36

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37	IL-37 Is a Novel Proangiogenic Factor of Developmental and Pathological Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2638-2646.	2.4	35
38	CAUSALdb: a database for disease/trait causal variants identified using summary statistics of genome-wide association studies. Nucleic Acids Research, 2019, 48, D807-D816.	14.5	34
39	PG F2Î± Receptor: A Promising Therapeutic Target for Cardiovascular Disease. Frontiers in Pharmacology, 2010, 1, 116.	3.5	32
40	Aspirin enhances protective effect of fish oil against thrombosis and injuryâ€induced vascular remodelling. British Journal of Pharmacology, 2015, 172, 5647-5660.	5.4	32
41	Static Magnetic Field Accelerates Diabetic Wound Healing by Facilitating Resolution of Inflammation. Journal of Diabetes Research, 2019, 2019, 1-11.	2.3	32
42	CREBZF as a Key Regulator of STAT3 Pathway in the Control of Liver Regeneration in Mice. Hepatology, 2020, 71, 1421-1436.	7.3	32
43	Niacin Attenuates Pulmonary Hypertension Through H-PGDS in Macrophages. Circulation Research, 2020, 127, 1323-1336.	4.5	31
44	Endogenously Generated Omegaâ€3 Fatty Acids Attenuate Vascular Inflammation and Neointimal Hyperplasia by Interaction With Free Fatty Acid Receptor 4 in Mice. Journal of the American Heart Association, 2015, 4, .	3.7	30
45	Coordination of platelet agonist signaling during the hemostatic response in vivo. Blood Advances, 2017, 1, 2767-2775.	5.2	28
46	Thromboxane A2 Receptor Inhibition Suppresses Multiple Myeloma Cell Proliferation by Inducing p38/c-Jun N-terminal Kinase (JNK) Mitogen-activated Protein Kinase (MAPK)-mediated G2/M Progression Delay and Cell Apoptosis. Journal of Biological Chemistry, 2016, 291, 4779-4792.	3.4	24
47	2, 3, 7, 8â€Tetrachlorodibenzoâ€pâ€dioxin promotes endothelial cell apoptosis through activation of EP3/p38MAPK/Bclâ€2 pathway. Journal of Cellular and Molecular Medicine, 2017, 21, 3540-3551.	3.6	24
48	I Prostanoid Receptorâ€"Mediated Inflammatory Pathway Promotes Hepatic Gluconeogenesis Through Activation of PKA and Inhibition of AKT. Diabetes, 2014, 63, 2911-2923.	0.6	23
49	Soy Isoflavone Protects Myocardial Ischemia/Reperfusion Injury through Increasing Endothelial Nitric Oxide Synthase and Decreasing Oxidative Stress in Ovariectomized Rats. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	4.0	23
50	A novel genetic model of selective COX-2 inhibition: Comparison with COX-2 null mice. Prostaglandins and Other Lipid Mediators, 2007, 82, 77-84.	1.9	20
51	DP1 Activation Reverses Age-Related Hypertension Via NEDD4L-Mediated T-Bet Degradation in T Cells. Circulation, 2020, 141, 655-666.	1.6	20
52	Resolvin E1 Attenuates Pulmonary Hypertension by Suppressing Wnt7a/Î²-Catenin Signaling. Hypertension, 2021, 78, 1914-1926.	2.7	20
53	ERâ€anchored CRTH2 antagonizes collagen biosynthesis and organ fibrosis via binding LARP6. EMBO Journal, 2021, 40, e107403.	7.8	19
54	COX-1â€"derived thromboxane A2 plays an essential role in early B-cell development via regulation of JAK/STAT5 signaling in mouse. Blood, 2014, 124, 1610-1621.	1.4	18

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55	Niacin Promotes Cardiac Healing after Myocardial Infarction through Activation of the Myeloid Prostaglandin D₂ Receptor Subtype 1. Journal of Pharmacology and Experimental Therapeutics, 2017, 360, 435-444.	2.5	18
56	E-Prostanoid 3 Receptor Mediates Sprouting Angiogenesis Through Suppression of the Protein Kinase AÎ²-Catenin/Notch Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 856-866.	2.4	18
57	Platelet-Specific Deletion of Cyclooxygenase-1 Ameliorates Dextran Sulfate Sodiumâ€“Induced Colitis in Mice. Journal of Pharmacology and Experimental Therapeutics, 2019, 370, 416-426.	2.5	18
58	Moderate SMFs attenuate bone loss in mice by promoting directional osteogenic differentiation of BMSCs. Stem Cell Research and Therapy, 2020, 11, 487.	5.5	18
59	Effect of Occlusion Site on the Safety and Efficacy of Intravenous Alteplase Before Endovascular Thrombectomy: A Prespecified Subgroup Analysis of DIRECT-MT. Stroke, 2022, 53, 7-16.	2.0	18
60	Association of Intravenous Alteplase, Early Reperfusion, and Clinical Outcome in Patients With Large Vessel Occlusion Stroke: Post Hoc Analysis of the Randomized DIRECT-MT Trial. Stroke, 2022, 53, 1828-1836.	2.0	17
61	Serum levels of tumor necrosis factor-related apoptosis-inducing ligand correlate with the severity of pulmonary hypertension. Pulmonary Pharmacology and Therapeutics, 2015, 33, 39-46.	2.6	16
62	Cytoprotective effect of autophagy on phagocytosis of apoptotic cells by macrophages. Experimental Cell Research, 2016, 348, 165-176.	2.6	16
63	Rare SNP rs12731181 in the miR-590-3p Target Site of the Prostaglandin F _{2Î±} Receptor Gene Confers Risk for Essential Hypertension in the Han Chinese Population. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1687-1695.	2.4	15
64	Coagulation factors and the incidence of COVID-19 severity: Mendelian randomization analyses and supporting evidence. Signal Transduction and Targeted Therapy, 2021, 6, 222.	17.1	15
65	Thromboxane Governs the Differentiation of Adipose-Derived Stromal Cells Toward Endothelial Cells In Vitro and In Vivo. Circulation Research, 2016, 118, 1194-1207.	4.5	14
66	Prostaglandin E2 promotes hepatic bile acid synthesis by an E prostanoid receptor 3â€mediated hepatocyte nuclear receptor 4Î±/cholesterol 7Î±â€hydroxylase pathway in mice. Hepatology, 2017, 65, 999-1014.	7.3	13
67	EP3 enhances adhesion and cytotoxicity of NK cells toward hepatic stellate cells in a murine liver fibrosis model. Journal of Experimental Medicine, 2022, 219, .	8.5	13
68	Chronic Cardiovascular Disease-Associated Gene Network Analysis in Human Umbilical Vein Endothelial Cells Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin. Cardiovascular Toxicology, 2015, 15, 157-171.	2.7	10
69	The Prediction of Drug-Disease Correlation Based on Gene Expression Data. BioMed Research International, 2018, 2018, 1-6.	1.9	9
70	Prostaglandin D2 signaling and cardiovascular homeostasis. Journal of Molecular and Cellular Cardiology, 2022, 167, 97-105.	1.9	9
71	<scp>PGE₂â€EP3</scp> axis promotes brown adipose tissue formation through stabilization of <scp>WTAP RNA</scp> methyltransferase. EMBO Journal, 2022, 41, .	7.8	9
72	Congestive heart failure in COX2 deficient rats. Science China Life Sciences, 2021, 64, 1068-1076.	4.9	8

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73	Cyclooxygenase-1 Regulates the Development of Follicular Th Cells via Prostaglandin E2. Journal of Immunology, 2019, 203, 864-872.	0.8	7
74	The support of genetic evidence for cardiovascular risk induced by antineoplastic drugs. Science Advances, 2020, 6, .	10.3	7
75	2,3,7,8â€Tetrachlorodibenzoâ€pâ€dioxin promotes injuryâ€induced vascular neointima formation in mice. FASEB Journal, 2019, 33, 10207-10217.	0.5	4
76	Inhibition of immunoglobulin E attenuates pulmonary hypertension. , 2022, 1, 665-678.		3
77	Mediator Med23 deficiency in smooth muscle cells prevents neointima formation after arterial injury. Cell Discovery, 2021, 7, 59.	6.7	2
78	Protective effects of CRTH2 suppression in dry age-related macular degeneration. Biochemical and Biophysical Research Communications, 2022, 624, 8-15.	2.1	2
79	PhoPepMass: A database and search tool assisting human phosphorylation peptide identification from mass spectrometry data. Journal of Genetics and Genomics, 2018, 45, 381-388.	3.9	1
80	Cyclooxygenase-2 induction in macrophages is modulated by docosahexaenoic acid via interactions with free fatty acid receptor 4 (FFA4). , 2013, 27, 4987.		1
81	Thromboxane A2 Signaling Regulates Heterogeneous Platelet Activation Following Laser-Induced Injury In Mouse Cremaster Arterioles. Blood, 2013, 122, 1055-1055.	1.4	1