

# Ying Yu

## List of Publications by Citations

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77  
papers

2,441  
citations

28  
h-index

47  
g-index

84  
ext. papers

3,017  
ext. citations

9.8  
avg. IF

4.52  
L-index

#	Paper	IF	Citations
77	Prostanoids in health and disease. <i>Journal of Lipid Research</i> , <b>2009</b> , 50 Suppl, S423-8	6.3	322
76	Vascular COX-2 modulates blood pressure and thrombosis in mice. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 132ra54	17.5	164
75	High salt primes a specific activation state of macrophages, M(Na). <i>Cell Research</i> , <b>2015</b> , 25, 893-910	24.7	140
74	Genetic targeting of sprouting angiogenesis using Apln-CreER. <i>Nature Communications</i> , <b>2015</b> , 6, 6020	17.4	85
73	Vitamin D inhibits COX-2 expression and inflammatory response by targeting thioesterase superfamily member 4. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 11681-11694	5.4	80
72	Prostaglandin F2alpha elevates blood pressure and promotes atherosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 7985-90	11.5	79
71	Thromboxane A2 Activates YAP/TAZ Protein to Induce Vascular Smooth Muscle Cell Proliferation and Migration. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 18947-58	5.4	66
70	Genetic model of selective COX2 inhibition reveals novel heterodimer signaling. <i>Nature Medicine</i> , <b>2006</b> , 12, 699-704	50.5	60
69	Differential impact of prostaglandin H synthase 1 knockdown on platelets and parturition. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 986-95	15.9	58
68	Cyclooxygenase-2-derived prostaglandin E <sub>2</sub> promotes injury-induced vascular neointimal hyperplasia through the E-prostanoid 3 receptor. <i>Circulation Research</i> , <b>2013</b> , 113, 104-14	15.7	56
67	EP3 receptor deficiency attenuates pulmonary hypertension through suppression of Rho/TGF- $\beta$ signaling. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 1228-42	15.9	56
66	Arterial Sca1 Vascular Stem Cells Generate De Novo Smooth Muscle for Artery Repair and Regeneration. <i>Cell Stem Cell</i> , <b>2020</b> , 26, 81-96.e4	18	54
65	Targeted cyclooxygenase gene (ptgs) exchange reveals discriminant isoform functionality. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 1498-506	5.4	48
64	Mineralocorticoid Receptor Deficiency in Macrophages Inhibits Neointimal Hyperplasia and Suppresses Macrophage Inflammation Through SGK1-AP1/NF- $\kappa$ B Pathways. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 874-85	9.4	45
63	Perivascular adipose tissue-derived extracellular vesicle miR-221-3p mediates vascular remodeling. <i>FASEB Journal</i> , <b>2019</b> , 33, 12704-12722	0.9	43
62	Hydrogen Sulfide Regulates Kr $\ddot{u}$ pkel-Like Factor 5 Transcription Activity via Specificity Protein 1 S-Sulphydration at Cys664 to Prevent Myocardial Hypertrophy. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	43
61	Epicardium-to-fat transition in injured heart. <i>Cell Research</i> , <b>2014</b> , 24, 1367-9	24.7	39

60	Myeloid-derived suppressor cell function is diminished in aspirin-triggered allergic airway hyperresponsiveness in mice. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 1163-74.e16	11.5	38
59	Identification of a hybrid myocardial zone in the mammalian heart after birth. <i>Nature Communications</i> , <b>2017</b> , 8, 87	17.4	38
58	Mineralocorticoid Receptor Deficiency in T Cells Attenuates Pressure Overload-Induced Cardiac Hypertrophy and Dysfunction Through Modulating T-Cell Activation. <i>Hypertension</i> , <b>2017</b> , 70, 137-147	8.5	34
57	PKA regulatory II $\beta$ subunit is essential for PGD <sub>2</sub> -mediated resolution of inflammation. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 2209-26	16.6	33
56	Cyclooxygenase-2-dependent prostacyclin formation and blood pressure homeostasis: targeted exchange of cyclooxygenase isoforms in mice. <i>Circulation Research</i> , <b>2010</b> , 106, 337-45	15.7	33
55	Niacin ameliorates ulcerative colitis via prostaglandin D-mediated D prostanoid receptor 1 activation. <i>EMBO Molecular Medicine</i> , <b>2017</b> , 9, 571-588	12	32
54	CRTH2 promotes endoplasmic reticulum stress-induced cardiomyocyte apoptosis through m-calpain. <i>EMBO Molecular Medicine</i> , <b>2018</b> , 10,	12	31
53	Exploring genetic associations with ceRNA regulation in the human genome. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 5653-5665	20.1	30
52	Resolvin E1 attenuates injury-induced vascular neointimal formation by inhibition of inflammatory responses and vascular smooth muscle cell migration. <i>FASEB Journal</i> , <b>2018</b> , 32, 5413-5425	0.9	30
51	Endogenously generated omega-3 fatty acids attenuate vascular inflammation and neointimal hyperplasia by interaction with free fatty acid receptor 4 in mice. <i>Journal of the American Heart Association</i> , <b>2015</b> , 4,	6	29
50	Myeloid mineralocorticoid receptor deficiency inhibits aortic constriction-induced cardiac hypertrophy in mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e110950	3.7	29
49	Cross talk between histone deacetylase 4 and STAT6 in the transcriptional regulation of arginase 1 during mouse dendritic cell differentiation. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 63-75	4.8	28
48	Inhibition of CRTH2-mediated Th2 activation attenuates pulmonary hypertension in mice. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 2175-2195	16.6	28
47	RAGE-mediated extracellular matrix proteins accumulation exacerbates HySu-induced pulmonary hypertension. <i>Cardiovascular Research</i> , <b>2017</b> , 113, 586-597	9.9	27
46	Aspirin enhances protective effect of fish oil against thrombosis and injury-induced vascular remodelling. <i>British Journal of Pharmacology</i> , <b>2015</b> , 172, 5647-60	8.6	27
45	Early treatment with Resolvin E1 facilitates myocardial recovery from ischaemia in mice. <i>British Journal of Pharmacology</i> , <b>2018</b> , 175, 1205-1216	8.6	27
44	Deletion of Macrophage Mineralocorticoid Receptor Protects Hepatic Steatosis and Insulin Resistance Through ERK1/2/HGF/Met Pathway. <i>Diabetes</i> , <b>2017</b> , 66, 1535-1547	0.9	26
43	IL-37 Is a Novel Proangiogenic Factor of Developmental and Pathological Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 2638-46	9.4	26

42	Prostaglandin F Facilitates Hepatic Glucose Production Through CaMKII $\beta$ /p38/FOXO1 Signaling Pathway in Fasting and Obesity. <i>Diabetes</i> , <b>2018</b> , 67, 1748-1760	0.9	25
41	PG F(2 $\beta$ ) Receptor: A Promising Therapeutic Target for Cardiovascular Disease. <i>Frontiers in Pharmacology</i> , <b>2010</b> , 1, 116	5.6	24
40	Activation of E-prostanoid 3 receptor in macrophages facilitates cardiac healing after myocardial infarction. <i>Nature Communications</i> , <b>2017</b> , 8, 14656	17.4	23
39	Coordination of platelet agonist signaling during the hemostatic response in vivo. <i>Blood Advances</i> , <b>2017</b> , 1, 2767-2775	7.8	22
38	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. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 4779-92	5.4	21
37	Fibroblasts in an endocardial fibroelastosis disease model mainly originate from mesenchymal derivatives of epicardium. <i>Cell Research</i> , <b>2017</b> , 27, 1157-1177	24.7	21
36	Loss of DP1 Aggravates Vascular Remodeling in Pulmonary Arterial Hypertension via mTORC1 Signaling. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 201, 1263-1276	10.2	21
35	Niacin Promotes Cardiac Healing after Myocardial Infarction through Activation of the Myeloid Prostaglandin D Receptor Subtype 1. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2017</b> , 360, 435-444	4.7	17
34	CAUSALdb: a database for disease/trait causal variants identified using summary statistics of genome-wide association studies. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, D807-D816	20.1	17
33	I prostanoid receptor-mediated inflammatory pathway promotes hepatic gluconeogenesis through activation of PKA and inhibition of AKT. <i>Diabetes</i> , <b>2014</b> , 63, 2911-23	0.9	17
32	Static Magnetic Field Accelerates Diabetic Wound Healing by Facilitating Resolution of Inflammation. <i>Journal of Diabetes Research</i> , <b>2019</b> , 2019, 5641271	3.9	17
31	COX-1-derived thromboxane A2 plays an essential role in early B-cell development via regulation of JAK/STAT5 signaling in mouse. <i>Blood</i> , <b>2014</b> , 124, 1610-21	2.2	16
30	A novel genetic model of selective COX-2 inhibition: comparison with COX-2 null mice. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2007</b> , 82, 77-84	3.7	16
29	2, 3, 7, 8-Tetrachlorodibenzo-p-dioxin promotes endothelial cell apoptosis through activation of EP3/p38MAPK/Bcl-2 pathway. <i>Journal of Cellular and Molecular Medicine</i> , <b>2017</b> , 21, 3540-3551	5.6	15
28	Soy Isoflavone Protects Myocardial Ischemia/Reperfusion Injury through Increasing Endothelial Nitric Oxide Synthase and Decreasing Oxidative Stress in Ovariectomized Rats. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2016</b> , 2016, 5057405	6.7	15
27	E-Prostanoid 3 Receptor Mediates Sprouting Angiogenesis Through Suppression of the Protein Kinase A/E-catenin/Notch Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 856-866	9.4	14
26	Niacin Attenuates Pulmonary Hypertension Through H-PGDS in Macrophages. <i>Circulation Research</i> , <b>2020</b> , 127, 1323-1336	15.7	13
25	Thromboxane Governs the Differentiation of Adipose-Derived Stromal Cells Toward Endothelial Cells In Vitro and In Vivo. <i>Circulation Research</i> , <b>2016</b> , 118, 1194-207	15.7	12

24	Cytoprotective effect of autophagy on phagocytosis of apoptotic cells by macrophages. <i>Experimental Cell Research</i> , <b>2016</b> , 348, 165-176	4.2	12
23	Rare SNP rs12731181 in the miR-590-3p Target Site of the Prostaglandin F2 $\beta$ Receptor Gene Confers Risk for Essential Hypertension in the Han Chinese Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 1687-95	9.4	11
22	CREBZF as a Key Regulator of STAT3 Pathway in the Control of Liver Regeneration in Mice. <i>Hepatology</i> , <b>2020</b> , 71, 1421-1436	11.2	11
21	Prostaglandin E promotes hepatic bile acid synthesis by an E prostanoid receptor 3-mediated hepatocyte nuclear receptor 4 $\alpha$ cholesterol 7 $\alpha$ -hydroxylase pathway in mice. <i>Hepatology</i> , <b>2017</b> , 65, 999-1014	11.2	10
20	DP1 Activation Reverses Age-Related Hypertension Via NEDD4L-Mediated T-Bet Degradation in T Cells. <i>Circulation</i> , <b>2020</b> , 141, 655-666	16.7	10
19	Serum levels of tumor necrosis factor-related apoptosis-inducing ligand correlate with the severity of pulmonary hypertension. <i>Pulmonary Pharmacology and Therapeutics</i> , <b>2015</b> , 33, 39-46	3.5	9
18	Platelet-Specific Deletion of Cyclooxygenase-1 Ameliorates Dextran Sulfate Sodium-Induced Colitis in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2019</b> , 370, 416-426	4.7	9
17	Chronic cardiovascular disease-associated gene network analysis in human umbilical vein endothelial cells exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Cardiovascular Toxicology</i> , <b>2015</b> , 15, 157-71	3.4	9
16	Moderate SMFs attenuate bone loss in mice by promoting directional osteogenic differentiation of BMSCs. <i>Stem Cell Research and Therapy</i> , <b>2020</b> , 11, 487	8.3	8
15	The Prediction of Drug-Disease Correlation Based on Gene Expression Data. <i>BioMed Research International</i> , <b>2018</b> , 2018, 4028473	3	7
14	ER-anchored CRTH2 antagonizes collagen biosynthesis and organ fibrosis via binding LARP6. <i>EMBO Journal</i> , <b>2021</b> , 40, e107403	13	6
13	Cyclooxygenase-1 Regulates the Development of Follicular Th Cells via Prostaglandin E. <i>Journal of Immunology</i> , <b>2019</b> , 203, 864-872	5.3	4
12	2,3,7,8-Tetrachlorodibenzo-p-dioxin promotes injury-induced vascular neointima formation in mice. <i>FASEB Journal</i> , <b>2019</b> , 33, 10207-10217	0.9	3
11	Effect of Occlusion Site on the Safety and Efficacy of Intravenous Alteplase Before Endovascular Thrombectomy: A Prespecified Subgroup Analysis of DIRECT-MT.. <i>Stroke</i> , <b>2022</b> , 53, 7-16	6.7	3
10	Resolvin E1 Attenuates Pulmonary Hypertension by Suppressing Wnt7a/ $\beta$ Catenin Signaling. <i>Hypertension</i> , <b>2021</b> , 78, 1914-1926	8.5	3
9	Coagulation factors and the incidence of COVID-19 severity: Mendelian randomization analyses and supporting evidence. <i>Signal Transduction and Targeted Therapy</i> , <b>2021</b> , 6, 222	21	3
8	Congestive heart failure in COX2 deficient rats. <i>Science China Life Sciences</i> , <b>2021</b> , 64, 1068-1076	8.5	2
7	PhoPepMass: A database and search tool assisting human phosphorylation peptide identification from mass spectrometry data. <i>Journal of Genetics and Genomics</i> , <b>2018</b> , 45, 381-388	4	1

6	Thromboxane A2 Signaling Regulates Heterogeneous Platelet Activation Following Laser-Induced Injury In Mouse Cremaster Arterioles. <i>Blood</i> , <b>2013</b> , 122, 1055-1055	2.2	1
5	Cyclooxygenase-2 induction in macrophages is modulated by docosahexaenoic acid via interactions with free fatty acid receptor 4 (FFA4) <b>2013</b> , 27, 4987		1
4	The support of genetic evidence for cardiovascular risk induced by antineoplastic drugs. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	1
3	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.. <i>Stroke</i> , <b>2022</b> , STROKEAHA121037061	6.7	1
2	Prostaglandin D signaling and cardiovascular homeostasis.. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2022</b> , 167, 97-105	5.8	1
1	Mediator Med23 deficiency in smooth muscle cells prevents neointima formation after arterial injury. <i>Cell Discovery</i> , <b>2021</b> , 7, 59	22.3	