

Xinchun Pi

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,214
citations

516710

16
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

2114
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging Roles of Vascular Endothelium in Metabolic Homeostasis. <i>Circulation Research</i> , 2018, 123, 477-494.	4.5	182
2	Big Mitogen-Activated Protein Kinase (BMK1)/ERK5 Protects Endothelial Cells From Apoptosis. <i>Circulation Research</i> , 2004, 94, 362-369.	4.5	150
3	A concentration-dependent endocytic trap and sink mechanism converts Bmper from an activator to an inhibitor of Bmp signaling. <i>Journal of Cell Biology</i> , 2009, 184, 597-609.	5.2	110
4	Sequential roles for myosin-X in BMP6-dependent filopodial extension, migration, and activation of BMP receptors. <i>Journal of Cell Biology</i> , 2007, 179, 1569-1582.	5.2	99
5	Role of cAMP-Phosphodiesterase 1C Signaling in Regulating Growth Factor Receptor Stability, Vascular Smooth Muscle Cell Growth, Migration, and Neointimal Hyperplasia. <i>Circulation Research</i> , 2015, 116, 1120-1132.	4.5	80
6	PHD3-dependent hydroxylation of HCLK2 promotes the DNA damage response. <i>Journal of Clinical Investigation</i> , 2012, 122, 2827-2836.	8.2	73
7	LRP1-Dependent Endocytic Mechanism Governs the Signaling Output of the Bmp System in Endothelial Cells and in Angiogenesis. <i>Circulation Research</i> , 2012, 111, 564-574.	4.5	63
8	BMK1/ERK5 Is a Novel Regulator of Angiogenesis by Destabilizing Hypoxia Inducible Factor 1 α . <i>Circulation Research</i> , 2005, 96, 1145-1151.	4.5	58
9	Endothelial LRP1 regulates metabolic responses by acting as a co-activator of PPAR γ . <i>Nature Communications</i> , 2017, 8, 14960.	12.8	46
10	Depletion of PHD3 protects heart from ischemia/reperfusion injury by inhibiting cardiomyocyte apoptosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 80, 156-165.	1.9	43
11	LRP1 Regulates Retinal Angiogenesis by Inhibiting PARP-1 Activity and Endothelial Cell Proliferation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 350-360.	2.4	38
12	PHD2/3-dependent hydroxylation tunes cardiac response to β -adrenergic stress via phospholamban. <i>Journal of Clinical Investigation</i> , 2015, 125, 2759-2771.	8.2	36
13	Low-Density Lipoprotein Receptor-Related Protein-1 Signaling in Angiogenesis. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 34.	2.4	34
14	Bmper Inhibits Endothelial Expression of Inflammatory Adhesion Molecules and Protects Against Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2214-2222.	2.4	32
15	LRP1-Dependent BMPER Signaling Regulates Lipopolysaccharide-Induced Vascular Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1524-1535.	2.4	29
16	Connecting the coronaries: How the coronary plexus develops and is functionalized. <i>Developmental Biology</i> , 2014, 395, 111-119.	2.0	18
17	Depletion of Endothelial Prolyl Hydroxylase Domain Protein 2 and 3 Promotes Cardiomyocyte Proliferation and Prevents Ventricular Failure Induced by Myocardial Infarction. <i>Circulation</i> , 2019, 140, 440-442.	1.6	17
18	BMPER Promotes Epithelial-Mesenchymal Transition in the Developing Cardiac Cushions. <i>PLoS ONE</i> , 2015, 10, e0139209.	2.5	17

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19	Endothelium-specific depletion of LRP1 improves glucose homeostasis through inducing osteocalcin. Nature Communications, 2021, 12, 5296.	12.8	16
20	Differential Expression of Genes from Nitrate-Tolerant Rat Aorta. Journal of Vascular Research, 2002, 39, 304-310.	1.4	15
21	Prolyl Hydroxylase Domain-2 Protein Regulates Lipopolysaccharide-Induced Vascular Inflammation. American Journal of Pathology, 2019, 189, 200-213.	3.8	15
22	PHDs/CPT1B/VDAC1 axis regulates long-chain fatty acid oxidation in cardiomyocytes. Cell Reports, 2021, 37, 109767.	6.4	13
23	The Role of Oxygen Sensors, Hydroxylases, and HIF in Cardiac Function and Disease. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-10.	4.0	11
24	Loss of bone morphogenetic protein-binding endothelial regulator causes insulin resistance. Nature Communications, 2021, 12, 1927.	12.8	10
25	Redox Signaling and the Cardiovascular and Skeletal Muscle System. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-2.	4.0	6
26	Dioxygen and Metabolism; Dangerous Liaisons in Cardiac Function and Disease. Frontiers in Physiology, 2017, 8, 1044.	2.8	3
27	Abstract 627: Regulation of Nuclear Factor of Activated T Cells by BMP-Binding Endothelial Regulator Signaling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	2.4	0
28	Abstract 18303: Lrp1 Regulates Metabolic Activity by Binding PPAR Gamma in Endothelium. Circulation, 2015, 132, .	1.6	0
29	Abstract 695: Low-density Lipoprotein Receptor-related Protein in the Endothelium Regulates Metabolic Responses. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	2.4	0