

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
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552781

26
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all docs

30
docs citations

30
times ranked

2114
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of bone morphogenetic protein-binding endothelial regulator causes insulin resistance. <i>Nature Communications</i> , 2021, 12, 1927.	12.8	10
2	Endothelium-specific depletion of LRP1 improves glucose homeostasis through inducing osteocalcin. <i>Nature Communications</i> , 2021, 12, 5296.	12.8	16
3	PHDs/CPT1B/VDAC1 axis regulates long-chain fatty acid oxidation in cardiomyocytes. <i>Cell Reports</i> , 2021, 37, 109767.	6.4	13
4	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
5	Prolyl Hydroxylase Domain-2 Protein Regulates Lipopolysaccharide-Induced Vascular Inflammation. <i>American Journal of Pathology</i> , 2019, 189, 200-213.	3.8	15
6	Emerging Roles of Vascular Endothelium in Metabolic Homeostasis. <i>Circulation Research</i> , 2018, 123, 477-494.	4.5	182
7	Endothelial LRP1 regulates metabolic responses by acting as a co-activator of PPAR β . <i>Nature Communications</i> , 2017, 8, 14960.	12.8	46
8	LRP1-Dependent BMPER Signaling Regulates Lipopolysaccharide-Induced Vascular Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1524-1535.	2.4	29
9	Dioxygen and Metabolism; Dangerous Liaisons in Cardiac Function and Disease. <i>Frontiers in Physiology</i> , 2017, 8, 1044.	2.8	3
10	Low-Density Lipoprotein Receptor-Related Protein-1 Signaling in Angiogenesis. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 34.	2.4	34
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	Redox Signaling and the Cardiovascular and Skeletal Muscle System. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-2.	4.0	6
13	The Role of Oxygen Sensors, Hydroxylases, and HIF in Cardiac Function and Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-10.	4.0	11
14	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
15	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
16	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
17	BMPER Promotes Epithelial-Mesenchymal Transition in the Developing Cardiac Cushions. <i>PLoS ONE</i> , 2015, 10, e0139209.	2.5	17
18	Abstract 627: Regulation of Nuclear Factor of Activated T Cells by BMP-Binding Endothelial Regulator Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	2.4	0

#	ARTICLE	IF	CITATIONS
19	Abstract 18303: Lrp1 Regulates Metabolic Activity by Binding PPAR Gamma in Endothelium. <i>Circulation</i> , 2015, 132, .	1.6	0
20	Abstract 695: Low-density Lipoprotein Receptor-related Protein in the Endothelium Regulates Metabolic Responses. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	2.4	0
21	Connecting the coronaries: How the coronary plexus develops and is functionalized. <i>Developmental Biology</i> , 2014, 395, 111-119.	2.0	18
22	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
23	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
24	PHD3-dependent hydroxylation of HCLK2 promotes the DNA damage response. <i>Journal of Clinical Investigation</i> , 2012, 122, 2827-2836.	8.2	73
25	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
26	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
27	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
28	Big Mitogen-Activated Protein Kinase (BMK1)/ERK5 Protects Endothelial Cells From Apoptosis. <i>Circulation Research</i> , 2004, 94, 362-369.	4.5	150
29	Differential Expression of Genes from Nitrate-Tolerant Rat Aorta. <i>Journal of Vascular Research</i> , 2002, 39, 304-310.	1.4	15