

Khalid Matrougui

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

1,298
citations

17
h-index

34
g-index

34
ext. papers

1,433
ext. citations

6
avg, IF

4.09
L-index

#	Paper	IF	Citations
33	Endoplasmic reticulum stress is involved in cardiac damage and vascular endothelial dysfunction in hypertensive mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 1652-61	9.4	151
32	Interleukin-10 released by CD4(+)CD25(+) natural regulatory T cells improves microvascular endothelial function through inhibition of NADPH oxidase activity in hypertensive mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2534-42	9.4	131
31	Orai1-mediated I (CRAC) is essential for neointima formation after vascular injury. <i>Circulation Research</i> , 2011 , 109, 534-42	15.7	111
30	Involvement of metalloproteinases 2/9 in epidermal growth factor receptor transactivation in pressure-induced myogenic tone in mouse mesenteric resistance arteries. <i>Circulation</i> , 2004 , 110, 3587-93	16.7	98
29	Mechanism of endoplasmic reticulum stress-induced vascular endothelial dysfunction. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 1063-75	4.9	97
28	Natural regulatory T cells control coronary arteriolar endothelial dysfunction in hypertensive mice. <i>American Journal of Pathology</i> , 2011 , 178, 434-41	5.8	94
27	Elevated epidermal growth factor receptor phosphorylation induces resistance artery dysfunction in diabetic db/db mice. <i>Diabetes</i> , 2008 , 57, 1629-37	0.9	78
26	A novel role for epidermal growth factor receptor tyrosine kinase and its downstream endoplasmic reticulum stress in cardiac damage and microvascular dysfunction in type 1 diabetes mellitus. <i>Hypertension</i> , 2012 , 60, 71-80	8.5	77
25	Modified multipotent stromal cells with epidermal growth factor restore vasculogenesis and blood flow in ischemic hind-limb of type II diabetic mice. <i>Laboratory Investigation</i> , 2010 , 90, 985-96	5.9	76
24	STIM1 controls endothelial barrier function independently of Orai1 and Ca ²⁺ entry. <i>Science Signaling</i> , 2013 , 6, ra18	8.8	68
23	Enhanced NF- κ B activity impairs vascular function through PARP-1-, SP-1-, and COX-2-dependent mechanisms in type 2 diabetes. <i>Diabetes</i> , 2013 , 62, 2078-87	0.9	57
22	Calcium Signaling Is Dispensable for Receptor Regulation of Endothelial Barrier Function. <i>Journal of Biological Chemistry</i> , 2016 , 291, 22894-22912	5.4	38
21	Essential Role of Smooth Muscle STIM1 in Hypertension and Cardiovascular Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1900-9	9.4	38
20	Poly(ADP-ribose) polymerase 1 inhibition improves coronary arteriole function in type 2 diabetes mellitus. <i>Hypertension</i> , 2012 , 59, 1060-8	8.5	35
19	Chronic inhibition of endoplasmic reticulum stress and inflammation prevents ischaemia-induced vascular pathology in type II diabetic mice. <i>Journal of Pathology</i> , 2012 , 227, 165-74	9.4	33
18	Diabetes and microvascular pathophysiology: role of epidermal growth factor receptor tyrosine kinase. <i>Diabetes/Metabolism Research and Reviews</i> , 2010 , 26, 13-6	7.5	25
17	Differential role for stromal interacting molecule 1 in the regulation of vascular function. <i>Pflugers Archiv European Journal of Physiology</i> , 2015 , 467, 1195-202	4.6	19

16	Essential Role of IL-12 in Angiogenesis in Type 2 Diabetes. <i>American Journal of Pathology</i> , 2017 , 187, 2590-2601	5.8	17
15	Chronic inhibition of epidermal growth factor receptor tyrosine kinase and extracellular signal-regulated kinases 1 and 2 (ERK1/2) augments vascular response to limb ischemia in type 2 diabetic mice. <i>American Journal of Pathology</i> , 2012 , 180, 410-8	5.8	16
14	Augmented EGF receptor tyrosine kinase activity impairs vascular function by NADPH oxidase-dependent mechanism in type 2 diabetic mouse. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015 , 1853, 2404-10	4.9	12
13	Treg cells depletion is a mechanism that drives microvascular dysfunction in mice with established hypertension. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 403-412	6.9	8
12	The Unraveling Truth About IRE1 and MicroRNAs in Diabetes. <i>Diabetes</i> , 2017 , 66, 23-24	0.9	7
11	Endoplasmic Reticulum Stress and Microvascular Endothelial Dysfunction in Diabetes. <i>Journal of Diabetes & Metabolism</i> , 2011 , 2,	0	3
10	Broken heart: A matter of the endoplasmic reticulum stress bad management?. <i>World Journal of Cardiology</i> , 2019 , 11, 159-170	2.1	3
9	Essential role for smooth muscle cell stromal interaction molecule-1 in myocardial infarction. <i>Journal of Hypertension</i> , 2018 , 36, 377-386	1.9	2
8	Can the NK family of osteoblast homeodomain transcription factors signaling be a magic bullet to reverse calcification-induced vasculopathy in diabetes?. <i>Diabetes</i> , 2014 , 63, 4011-2	0.9	2
7	Broken heart: A matter of the endoplasmic reticulum stress bad management?. <i>World Journal of Cardiology</i> , 2019 , 11, 159-170	2.1	2
6	Letter by Belmadani et al Regarding Article, "Interleukin-35 Promotes Macrophage Survival and Improves Wound Healing After Myocardial Infarction in Mice". <i>Circulation Research</i> , 2020 , 126, e10-e11	15.7	0
5	Role of High Mobility Group Box 1 in Cardiovascular Diseases.. <i>Inflammation</i> , 2022 , 1	5.1	0
4	Role of Stromal Interaction Molecule 1 in Arteriogenesis. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
3	PARP-1 inhibition improves coronary arteriole function in type 2 diabetic mice. <i>FASEB Journal</i> , 2011 , 25, 1025.9	0.9	
2	ER stress induction increases NADPH oxidase and reduces eNOS activity in endothelial cells. <i>FASEB Journal</i> , 2012 , 26, 863.11	0.9	
1	Letter by Belmadani and Matrougui Regarding Article, "Integrated Stress Response Couples Mitochondrial Protein Translation With Oxidative Stress Control".. <i>Circulation</i> , 2022 , 145, e802-e803	16.7	