

Karla Bianca Neves

List of Publications by Year in Descending Order

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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.

41
papers

991
citations

19
h-index

30
g-index

47
ext. papers

1,349
ext. citations

6.5
avg, IF

4.48
L-index

#	Paper	IF	Citations
41	The vascular phenotype in hypertension 2022 , 327-342		
40	Osteoprotegerin regulates vascular function through syndecan-1 and NADPH oxidase-derived reactive oxygen species. <i>Clinical Science</i> , 2021 , 135, 2429-2444	6.5	1
39	Peripheral arteriopathy caused by Notch3 gain-of-function mutation involves ER and oxidative stress and blunting of NO/sGC/cGMP pathway. <i>Clinical Science</i> , 2021 , 135, 753-773	6.5	1
38	Hypertension and Prohypertensive Antineoplastic Therapies in Cancer Patients. <i>Circulation Research</i> , 2021 , 128, 1040-1061	15.7	14
37	Central role of c-Src in NOX5- mediated redox signaling in vascular smooth muscle cells in human hypertension. <i>Cardiovascular Research</i> , 2021 ,	9.9	5
36	Lysophosphatidylcholine induces oxidative stress in human endothelial cells via NOX5 activation - implications in atherosclerosis. <i>Clinical Science</i> , 2021 , 135, 1845-1858	6.5	2
35	Selective Inhibition of the C-Domain of ACE (Angiotensin-Converting Enzyme) Combined With Inhibition of NEP (Nepriylsin): A Potential New Therapy for Hypertension. <i>Hypertension</i> , 2021 , 78, 604-616	8.5	0
34	Reduced Lymphatic Reserve in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2817-2829	15.1	14
33	Oxidative Stress: A Unifying Paradigm in Hypertension. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 659-670	9.8	57
32	Vascular toxicity associated with anti-angiogenic drugs. <i>Clinical Science</i> , 2020 , 134, 2503-2520	6.5	15
31	Epidermal growth factor signaling through transient receptor potential melastatin 7 cation channel regulates vascular smooth muscle cell function. <i>Clinical Science</i> , 2020 , 134, 2019-2035	6.5	4
30	Acute vascular effects of vascular endothelial growth factor inhibition in the forearm arterial circulation. <i>Journal of Hypertension</i> , 2020 , 38, 257-265	1.9	3
29	Crosstalk Between Vascular Redox and Calcium Signaling in Hypertension Involves TRPM2 (Transient Receptor Potential Melastatin 2) Cation Channel. <i>Hypertension</i> , 2020 , 75, 139-149	8.5	18
28	Comprehensive Characterization of the Vascular Effects of Cisplatin-Based Chemotherapy in Patients With Testicular Cancer. <i>JACC: CardioOncology</i> , 2020 , 2, 443-455	3.8	8
27	Tissue sodium excess is not hypertonic and reflects extracellular volume expansion. <i>Nature Communications</i> , 2020 , 11, 4222	17.4	25
26	Selective ETA vs. dual ETA/B receptor blockade for the prevention of sunitinib-induced hypertension and albuminuria in WKY rats. <i>Cardiovascular Research</i> , 2020 , 116, 1779-1790	9.9	13
25	ER stress and Rho kinase activation underlie the vasculopathy of CADASIL. <i>JCI Insight</i> , 2019 , 4,	9.9	19

24	Notch3 signalling and vascular remodelling in pulmonary arterial hypertension. <i>Clinical Science</i> , 2019 , 133, 2481-2498	6.5	35
23	Microparticles from vascular endothelial growth factor pathway inhibitor-treated cancer patients mediate endothelial cell injury. <i>Cardiovascular Research</i> , 2019 , 115, 978-988	9.9	21
22	VEGFR (Vascular Endothelial Growth Factor Receptor) Inhibition Induces Cardiovascular Damage via Redox-Sensitive Processes. <i>Hypertension</i> , 2018 , 71, 638-647	8.5	46
21	Perivascular Adipose Tissue as a Relevant Fat Depot for Cardiovascular Risk in Obesity. <i>Frontiers in Physiology</i> , 2018 , 9, 253	4.6	47
20	Upregulation of Nrf2 and Decreased Redox Signaling Contribute to Renoprotective Effects of Chemerin Receptor Blockade in Diabetic Mice. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	12
19	NADPH Oxidase 5 Is a Pro-Contractile Nox Isoform and a Point of Cross-Talk for Calcium and Redox Signaling-Implications in Vascular Function. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	37
18	Glycosylation with O-linked N-acetylglucosamine induces vascular dysfunction via production of superoxide anion/reactive oxygen species. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018 , 96, 232-240	2.4	7
17	Chemerin receptor blockade improves vascular function in diabetic obese mice via redox-sensitive and Akt-dependent pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H1851-H1860	5.2	18
16	Isolation and Culture of Vascular Smooth Muscle Cells from Small and Large Vessels. <i>Methods in Molecular Biology</i> , 2017 , 1527, 349-354	1.4	14
15	Isolation and Culture of Endothelial Cells from Large Vessels. <i>Methods in Molecular Biology</i> , 2017 , 1527, 345-348	1.4	9
14	Adipokine Chemerin Bridges Metabolic Dyslipidemia and Alveolar Bone Loss in Mice. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 974-984	6.3	27
13	Functional and structural changes in internal pudendal arteries underlie erectile dysfunction induced by androgen deprivation. <i>Asian Journal of Andrology</i> , 2017 , 19, 526-532	2.8	12
12	Internal Pudental Artery Dysfunction in Diabetes Mellitus Is Mediated by NOX1-Derived ROS-, Nrf2-, and Rho Kinase-Dependent Mechanisms. <i>Hypertension</i> , 2016 , 68, 1056-64	8.5	25
11	NLRP3 Inflammasome Mediates Aldosterone-Induced Vascular Damage. <i>Circulation</i> , 2016 , 134, 1866-1880	6.7	53
10	Off-Target Vascular Effects of Cholesteryl Ester Transfer Protein Inhibitors Involve Redox-Sensitive and Signal Transducer and Activator of Transcription 3-Dependent Pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 357, 415-22	4.7	8
9	TNF- α induces vascular insulin resistance via positive modulation of PTEN and decreased Akt/eNOS/NO signaling in high fat diet-fed mice. <i>Cardiovascular Diabetology</i> , 2016 , 15, 119	8.7	49
8	Mineralocorticoid receptor blockade prevents vascular remodelling in a rodent model of type 2 diabetes mellitus. <i>Clinical Science</i> , 2015 , 129, 533-45	6.5	27
7	Chemerin Regulates Crosstalk Between Adipocytes and Vascular Cells Through Nox. <i>Hypertension</i> , 2015 , 66, 657-66	8.5	68

6	Downregulation of Nuclear Factor Erythroid 2-Related Factor and Associated Antioxidant Genes Contributes to Redox-Sensitive Vascular Dysfunction in Hypertension. <i>Hypertension</i> , 2015 , 66, 1240-50	8.5	84
5	Cholesteryl ester-transfer protein inhibitors stimulate aldosterone biosynthesis in adipocytes through Nox-dependent processes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 353, 27-34	4.7	16
4	Chemerin reduces vascular nitric oxide/cGMP signalling in rat aorta: a link to vascular dysfunction in obesity?. <i>Clinical Science</i> , 2014 , 127, 111-22	6.5	46
3	Testosterone induces apoptosis in vascular smooth muscle cells via extrinsic apoptotic pathway with mitochondria-generated reactive oxygen species involvement. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 306, H1485-94	5.2	54
2	The adipokine chemerin augments vascular reactivity to contractile stimuli via activation of the MEK-ERK1/2 pathway. <i>Life Sciences</i> , 2012 , 91, 600-6	6.8	32
1	Testosterone and vascular function in aging. <i>Frontiers in Physiology</i> , 2012 , 3, 89	4.6	37