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List of Publications by Year
in descending order

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26 papers	423 citations	840776 11 h-index	752698 20 g-index
26 all docs	26 docs citations	26 times ranked	582 citing authors

#	Article	IF	Citations
1	Formulation, characterization and pharmacokinetic studies of coenzyme Q10 PUFAâ€™s nanoemulsions. European Journal of Pharmaceutical Sciences, 2012, 47, 305-312.	4.0	69
2	Pioglitazone Improves Aortic Wall Elasticity in a Rat Model of Elastocalcinotic Arteriosclerosis. Hypertension, 2005, 46, 372-379.	2.7	48
3	Comparison of Arginine Vasopressin, Terlipressin, or Epinephrine to Correct Hypotension in a Model of Anaphylactic Shock in Anesthetized Brown Norway Rats. Anesthesiology, 2006, 104, 734-741.	2.5	36
4	Regulation of protein function by S-nitrosation and S-glutathionylation: processes and targets in cardiovascular pathophysiology. Biological Chemistry, 2017, 398, 1267-1293.	2.5	31
5	Ventricular-arterial coupling in a rat model of reduced arterial compliance provoked by hypervitaminosis D and nicotine. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1942-H1951.	3.2	28
6	In Situ Microparticles Loaded with S-Nitrosoglutathione Protect from Stroke. PLoS ONE, 2015, 10, e0144659.	2.5	26
7	Endothelial Î³-Glutamyltransferase Contributes to the Vasorelaxant Effect of S-Nitrosoglutathione in Rat Aorta. PLoS ONE, 2012, 7, e43190.	2.5	19
8	S-Nitrosothiols as potential therapeutics to induce a mobilizable vascular store of nitric oxide to counteract endothelial dysfunction. Biochemical Pharmacology, 2020, 173, 113686.	4.4	14
9	Effects of the Angiotensin I Converting Enzyme Inhibitor Perindopril on Cerebral Blood Flow in Awake Hypertensive Rats. American Journal of Hypertension, 1991, 4, 246S-252S.	2.0	13
10	High salt intake abolishes AT2-mediated vasodilation of pial arterioles in rats. Journal of Hypertension, 2011, 29, 1392-1399.	0.5	12
11	Intestinal absorption of S-nitrosothiols: Permeability and transport mechanisms. Biochemical Pharmacology, 2018, 155, 21-31.	4.4	12
12	S,Sâ€²-dinitrosobucillamine, a new nitric oxide donor, induces a better vasorelaxation than other S-nitrosothiols. European Journal of Pharmacology, 2014, 730, 171-179.	3.5	11
13	Impact of Short-Term Treatment with Telmisartan on Cerebral Arterial Remodeling in SHR. PLoS ONE, 2014, 9, e110766.	2.5	11
14	Plasma Volume and Arterial Stiffness in the Cardiac Alterations Associated With Long-Term High Sodium Feeding in Rats. American Journal of Hypertension, 2011, 24, 451-457.	2.0	10
15	Are in situ formulations the keys for the therapeutic future of S-nitrosothiols?. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 640-649.	4.3	10
16	Incubation of rat aortic rings produces a specific reduction in agonist-evoked contraction: effect of age of donor. Life Sciences, 2004, 76, 9-20.	4.3	9
17	Effects of an aging vascular model on healthy and diseased hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1334-H1343.	3.2	9
18	Differential Effects of Short-Term Treatment with Two AT1 Receptor Blockers on Diameter of Pial Arterioles in SHR. PLoS ONE, 2012, 7, e42469.	2.5	9

#	Article	IF	Citations
19	Metalloproteinase-9 in circulating monocytes in pulmonary hypertension. Fundamental and Clinical Pharmacology, 2006, 20, 405-410.	1.9	8
20	Accurate measurement of reduced glutathione in gamma-glutamyltransferase-rich brain microvessel fractions. Brain Research, 2011, 1369, 95-102.	2.2	8
21	Aging and hypertension decrease endothelial <scp>NO</scp>â€related dilating function and gammaâ€glutamyl transferase activity but not Sâ€nitrosoglutathioneâ€induced aortic vasodilation. Fundamental and Clinical Pharmacology, 2018, 32, 134-140.	1.9	7
22	Renal function and structure in a rat model of arterial calcification and increased pulse pressure. American Journal of Physiology - Renal Physiology, 2008, 295, F1222-F1229.	2.7	6
23	Sâ€nitrosoglutathione inhibits cerebrovascular angiotensin IIâ€dependent and â€independent AT₁ receptor responses: A possible role of Sâ€nitrosation. British Journal of Pharmacology, 2019, 176, 2049-2062.	5.4	6
24	Reduced Activity of the Aortic Gamma-Glutamyltransferase Does Not Decrease S-Nitrosoglutathione Induced Vasorelaxation of Rat Aortic Rings. Frontiers in Physiology, 2016, 7, 630.	2.8	5
25	Melatonin counteracts the loss of agonist-evoked contraction of aortic rings induced by incubation. Fundamental and Clinical Pharmacology, 2007, 21, 273-279.	1.9	3
26	In vivo and in silico evaluation of a new nitric oxide donor, S,Sâ€² -dinitrosobucillamine. Nitric Oxide - Biology and Chemistry, 2017, 71, 32-43.	2.7	3