

Greg A Knock

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

891
citations

623734

14
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary soy isoflavone-induced increases in antioxidant and eNOS gene expression lead to improved endothelial function and reduced blood pressure in vivo. <i>FASEB Journal</i> , 2005, 19, 1755-1757.	0.5	169
2	Superoxide constricts rat pulmonary arteries via Rho-kinase-mediated Ca ²⁺ sensitization. <i>Free Radical Biology and Medicine</i> , 2009, 46, 633-642.	2.9	95
3	Redox Regulation of Protein Kinases as a Modulator of Vascular Function. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1531-1547.	5.4	94
4	Protein kinases in vascular smooth muscle tone—role in the pulmonary vasculature and hypoxic pulmonary vasoconstriction. , 2004, 104, 207-231.		71
5	NADPH oxidase in the vasculature: Expression, regulation and signalling pathways; role in normal cardiovascular physiology and its dysregulation in hypertension. <i>Free Radical Biology and Medicine</i> , 2019, 145, 385-427.	2.9	69
6	Control of vascular smooth muscle function by Src-family kinases and reactive oxygen species in health and disease. <i>Journal of Physiology</i> , 2015, 593, 3815-3828.	2.9	64
7	Role of src-family kinases in hypoxic vasoconstriction of rat pulmonary artery. <i>Cardiovascular Research</i> , 2008, 80, 453-462.	3.8	56
8	Constriction of pulmonary artery by peroxide: role of Ca ²⁺ release and PKC. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1468-1476.	2.9	54
9	Interaction between src family kinases and rho-kinase in agonist-induced Ca ²⁺ -sensitization of rat pulmonary artery. <i>Cardiovascular Research</i> , 2008, 77, 570-579.	3.8	47
10	ROS-dependent activation of RhoA/Rho-kinase in pulmonary artery: Role of Src-family kinases and ARHGEF1. <i>Free Radical Biology and Medicine</i> , 2017, 110, 316-331.	2.9	39
11	Superoxide differentially controls pulmonary and systemic vascular tone through multiple signalling pathways. <i>Cardiovascular Research</i> , 2011, 89, 214-224.	3.8	28
12	Signalling mechanisms in the cardiovascular protective effects of estrogen: With a focus on rapid/membrane signalling.. <i>Current Research in Physiology</i> , 2021, 4, 103-118.	1.7	23
13	Transforming growth factor- β^2 enhances Rho-kinase activity and contraction in airway smooth muscle via the nucleotide exchange factor ARHGEF1. <i>Journal of Physiology</i> , 2018, 596, 47-66.	2.9	19
14	Sphingosylphosphorylcholine potentiates vasoreactivity and voltage-gated Ca ²⁺ entry via NOX1 and reactive oxygen species. <i>Cardiovascular Research</i> , 2015, 106, 121-130.	3.8	16
15	Dietary soy modulates endothelium-dependent relaxation in aged male rats: Increased agonist-induced endothelium-derived hyperpolarising factor and basal nitric oxide activity. <i>Free Radical Biology and Medicine</i> , 2006, 41, 731-739.	2.9	14
16	Modulation of PGF ₂ \pm and hypoxia-induced contraction of rat intrapulmonary artery by p38 MAPK inhibition: a nitric oxide-dependent mechanism. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 289, L1039-L1048.	2.9	10
17	Divergent modulation of Rho-kinase and Ca ²⁺ influx pathways by Src family kinases and focal adhesion kinase in airway smooth muscle. <i>British Journal of Pharmacology</i> , 2015, 172, 5265-5280.	5.4	10
18	Role of reactive oxygen species and sulfide-quinone oxoreductase in hydrogen sulfide-induced contraction of rat pulmonary arteries. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L670-L685.	2.9	10

#	ARTICLE	IF	CITATIONS
19	Src family kinases mediate activation of RhoA and constriction in rat pulmonary artery. FASEB Journal, 2010, 24, 1061.9.	0.5	2
20	Excitation-Contract Coupling and Regulation of Pulmonary Vascular Contractility. , 2011, , 147-165.		1