Stephen C Land

List of Publications by Year
in descending order

34 papers	1,839 citations	361413 20 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	2412 citing authors

#	Article	IF	Citations
1	Hypoxia-inducible Factor 1Î± Is Regulated by the Mammalian Target of Rapamycin (mTOR) via an mTOR Signaling Motif. Journal of Biological Chemistry, 2007, 282, 20534-20543.	3.4	429
2	A non-hypoxic, ROS-sensitive pathway mediates TNF-Î±-dependent regulation of HIF-1Î±. FEBS Letters, 2001, 505, 269-274.	2.8	233
3	Antioxidant/Pro-oxidant Equilibrium Regulates HIF-1Î± and NF-ÎºB Redox Sensitivity. Journal of Biological Chemistry, 2000, 275, 21130-21139.	3.4	222
4	Immunopharmacological Potential of Selective Phosphodiesterase Inhibition. I. Differential Regulation of Lipopolysaccharide-Mediated Proinflammatory Cytokine (Interleukin-6 and Tumor) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Therapeutics, 2002, 300, 559-566.	2.5	94
5	O₂-evoked regulation of HIF-1Î± and NF-ÎºB in perinatal lung epithelium requires glutathione biosynthesis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 278, L492-L503.	2.9	88
6	Î±-Melanocyte-related tripeptide, Lys-d-Pro-Val, ameliorates endotoxin-induced nuclear factor ÎºB translocation and activation: evidence for involvement of an interleukin-1Î²193â€“195 receptor antagonism in the alveolar epithelium. Biochemical Journal, 2001, 355, 29-38.	3.7	73
7	CHEMIOXYEXCITATION (Î”p O2/ROS)-DEPENDENT RELEASE OF IL-1Î², IL-6 AND TNF-Î±: EVIDENCE OF CYTOKINES AS OXYGEN-SENSITIVE MEDIATORS IN THE ALVEOLAR EPITHELIUM. Cytokine, 2001, 13, 138-147.	3.2	71
8	Expression of Wild-Type CFTR Suppresses NF-ÎºB-Driven Inflammatory Signalling. PLoS ONE, 2010, 5, e11598.	2.5	56
9	The Differential Expression of Apoptosis Factors in the Alveolar Epithelium Is Redox Sensitive and Requires NF-ÎºB (RelA)-Selective Targeting. Biochemical and Biophysical Research Communications, 2000, 271, 257-267.	2.1	55
10	Amiloride Blockades Lipopolysaccharide-Induced Proinflammatory Cytokine Biosynthesis in an I Îº B-Î± /NF-Îº Bâ€“Dependent Mechanism. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 114-126.	2.9	52
11	Immunopharmacological Potential of Selective Phosphodiesterase Inhibition. II. Evidence for the Involvement of an Inhibitory-ÎºB/Nuclear Factor-ÎºB-Sensitive Pathway in Alveolar Epithelial Cells. Journal of Pharmacology and Experimental Therapeutics, 2002, 300, 567-576.	2.5	49
12	Redox Signaling-Mediated Regulation of Lipopolysaccharide-Induced Proinflammatory Cytokine Biosynthesis in Alveolar Epithelial Cells. Antioxidants and Redox Signaling, 2002, 4, 179-193.	5.4	44
13	Redox Regulation of Lung Development and Perinatal Lung Epithelial Function. Antioxidants and Redox Signaling, 2005, 7, 92-107.	5.4	41
14	Î±-Melanocyte-related tripeptide, Lys-d-Pro-Val, ameliorates endotoxin-induced nuclear factor ÎºB translocation and activation: evidence for involvement of an interleukin-1Î²193â€’195 receptor antagonism in the alveolar epithelium. Biochemical Journal, 2001, 355, 29.	3.7	39
15	mTOR signalling, embryogenesis and the control of lung development. Seminars in Cell and Developmental Biology, 2014, 36, 68-78.	5.0	34
16	Oxygen-sensing pathways and the development of mammalian gas exchange. Redox Report, 2003, 8, 325-340.	4.5	27
17	Immunomodulatory Potential of Thymulinâ€“Zn2+ in the Alveolar Epithelium: Amelioration of Endotoxin-Induced Cytokine Release and Partial Amplification of a Cytoprotective IL-10-Sensitive Pathway. Biochemical and Biophysical Research Communications, 2000, 274, 500-505.	2.1	23
18	NF-ÎºB Blockade Reduces the O 2 -Evoked Rise in Na + Conductance in Fetal Alveolar Cells. Biochemical and Biophysical Research Communications, 2001, 281, 987-992.	2.1	22

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19	Dexamethasone and insulin activate serum and glucocorticoid-inducible kinase 1 (SGK1) via different molecular mechanisms in cortical collecting duct cells. Physiological Reports, 2016, 4, e12792.	1.7	21
20	Thymulin evokes IL-6-C/EBPÎ² regenerative repair and TNF-Î± silencing during endotoxin exposure in fetal lung explants. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L473-L487.	2.9	20
21	Nuclear Factor-ÎºB Blockade Attenuates but Does Not Abrogate Lipopolysaccharide-Dependent Tumor Necrosis Factor-Î± Biosynthesis in Alveolar Epithelial Cells. Biochemical and Biophysical Research Communications, 2001, 285, 267-272.	2.1	19
22	The ex Vivo Differential Expression of Apoptosis Signaling Cofactors in the Developing Perinatal Lung: Essential Role of Oxygenation During the Transition from Placental to Pulmonary-Based Respiration. Biochemical and Biophysical Research Communications, 2001, 281, 311-316.	2.1	18
23	Epithelial Na⁺ channel activity in human airway epithelial cells: the role of serum and glucocorticoidâ€inducible kinase 1. British Journal of Pharmacology, 2012, 166, 1272-1289.	5.4	18
24	Using Drugs to Probe the Variability of Trans-Epithelial Airway Resistance. PLoS ONE, 2016, 11, e0149550.	2.5	14
25	Hochachka's â€œHypoxia Defense Strategiesâ€•and the development of the pathway for oxygen. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2004, 139, 415-433.	1.6	13
26	Chapter 18 Estivation: Mechanisms and control of metabolic suppression. Biochemistry and Molecular Biology of Fishes, 1995, 5, 381-412.	0.5	11
27	O2 can raise fetal pneumocyte Na+ conductance without affecting ENaC mRNA abundance. Biochemical and Biophysical Research Communications, 2003, 305, 671-676.	2.1	11
28	Regulation of vascular signalling by nuclear Sprouty2 in fetal lung epithelial cells: Implications for co-ordinated airway and vascular branching in lung development. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2018, 224, 105-114.	1.6	11
29	Inhibition of cellular and systemic inflammation cues in human bronchial epithelial cells by melanocortin-related peptides: mechanism of KPV action and a role for MC3R agonists. International Journal of Physiology, Pathophysiology and Pharmacology, 2012, 4, 59-73.	0.8	10
30	Determining the pathogenicity of patient-derived TSC2 mutations by functional characterization and clinical evidence. European Journal of Human Genetics, 2011, 19, 789-795.	2.8	9
31	Cardioprotective SUR2A promotes stem cell properties of cardiomyocytes. International Journal of Cardiology, 2013, 168, 5090-5092.	1.7	8
32	Hypoxic Activation of an Amiloride-Sensitive Cation Conductance in Alveolar Epithelial Cells. Biochemical and Biophysical Research Communications, 2001, 286, 622-627.	2.1	2
33	Systematic review and meta-analysis as a structured platform for teaching principles of experimentation. American Journal of Physiology - Advances in Physiology Education, 2020, 44, 276-285.	1.6	2
34	The airway branch regulator, Sprouty2, represses vasculogenesis in fetal lung by direct interaction with the VEGF promoter. FASEB Journal, 2011, 25, 861.8.	0.5	0