Roger A Johns

List of Publications by Year
in descending order

49 papers	1,724 citations	279798 23 h-index	276875 41 g-index
49 all docs	49 docs citations	49 times ranked	1925 citing authors

#	Article	IF	Citations
1	Hypoxic Regulation of Inducible Nitric Oxide Synthase via Hypoxia Inducible Factor-1 in Cardiac Myocytes. Circulation Research, 2000, 86, 319-325.	4.5	278
2	FIZZ1/RELMÎ±, a Novel Hypoxia-Induced Mitogenic Factor in Lung With Vasoconstrictive and Angiogenic Properties. Circulation Research, 2003, 92, 1065-1067.	4.5	159
3	Hypoxia-induced mitogenic factor has proangiogenic and proinflammatory effects in the lung via VEGF and VEGF receptor-2. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L1159-L1168.	2.9	81
4	Hypoxia-induced mitogenic factor (HIMF/FIZZ1/RELMÎ±) in chronic hypoxia- and antigen-mediated pulmonary vascular remodeling. Respiratory Research, 2013, 14, 1.	3.6	79
5	Hypoxia-Induced Mitogenic Factor (HIMF/FIZZ1/RELMÎ±) Increases Lung Inflammation and Activates Pulmonary Microvascular Endothelial Cells via an IL-4â€“Dependent Mechanism. Journal of Immunology, 2010, 185, 5539-5548.	0.8	74
6	Knockdown of PSD-95/SAP90 delays the development of neuropathic pain in rats. NeuroReport, 2001, 12, 3251-3255.	1.2	70
7	Hypoxia-induced mitogenic factor (HIMF/FIZZ1/RELMÎ±) induces the vascular and hemodynamic changes of pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 296, L582-L593.	2.9	66
8	Early postnatal exposure to isoflurane causes cognitive deficits and disrupts development of newborn hippocampal neurons via activation of the mTOR pathway. PLoS Biology, 2017, 15, e2001246.	5.6	61
9	Resistin-Like Molecule-Î² in Scleroderma-Associated Pulmonary Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 553-561.	2.9	56
10	Hypoxia-induced mitogenic factor (FIZZ1/RELMÎ±) induces endothelial cell apoptosis and subsequent interleukin-4-dependent pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L1090-L1103.	2.9	56
11	Hypoxia-Induced Mitogenic Factor Has Antiapoptotic Action and Is Upregulated in the Developing Lung. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 276-282.	2.9	54
12	Hypoxia-Inducible Factor 1Î± Is a Critical Downstream Mediator for Hypoxia-Induced Mitogenic Factor (FIZZ1/RELMÎ±)â€“Induced Pulmonary Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 134-144.	2.4	49
13	Stress Induces Pain Transition by Potentiation of AMPA Receptor Phosphorylation. Journal of Neuroscience, 2014, 34, 13737-13746.	3.6	45
14	Hypoxia-Induced Mitogenic Factor (HIMF/FIZZ1/RELMÎ±) Recruits Bone Marrow-Derived Cells to the Murine Pulmonary Vasculature. PLoS ONE, 2010, 5, e11251.	2.5	44
15	Endothelial thrombomodulin downregulation caused by hypoxia contributes to severe infiltration and coagulopathy in COVID-19 patient lungs. EBioMedicine, 2022, 75, 103812.	6.1	39
16	Activation of cGMP-dependent protein kinase Iî± is required for N-methyl-d-aspartate- or nitric oxide-produced spinal thermal hyperalgesia. European Journal of Pharmacology, 2000, 392, 141-145.	3.5	37
17	Survival and prognostic factors in hypertrophic cardiomyopathy: a meta-analysis. Scientific Reports, 2017, 7, 11957.	3.3	35
18	Synaptic PDZ Domain-mediated Protein Interactions Are Disrupted by Inhalational Anesthetics. Journal of Biological Chemistry, 2003, 278, 36669-36675.	3.4	33

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19	Bruton's tyrosine kinase (BTK) is a binding partner for hypoxia induced mitogenic factor (HIMF/FIZZ1) and mediates myeloid cell chemotaxis. FASEB Journal, 2007, 21, 1376-1382.	0.5	33
20	HIMF (Hypoxia-Induced Mitogenic Factor) Signaling Mediates the HMGB1 (High Mobility Group Box) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 2505-2519.	2.4	33
21	Hypoxia-induced mitogenic factor/FIZZ1 induces intracellular calcium release through the PLC-IP₃ pathway. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L263-L270.	2.9	31
22	Role of Neuregulin-1/ErbB Signaling in Stem Cell Therapy for Spinal Cord Injury-Induced Chronic Neuropathic Pain. Stem Cells, 2013, 31, 83-91.	3.2	28
23	Resistin family proteins in pulmonary diseases. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L422-L434.	2.9	27
24	S100A11 Mediates Hypoxia-induced Mitogenic Factor (HIMF)-induced Smooth Muscle Cell Migration, Vesicular Exocytosis, and Nuclear Activation. Molecular and Cellular Proteomics, 2011, 10, M110.000901.	3.8	24
25	New role for spinal Stargazin in Î±-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor-mediated pain sensitization after inflammation. Journal of Neuroscience Research, 2006, 84, 867-873.	2.9	23
26	RELMÎ± Licenses Macrophages for Damage-Associated Molecular Pattern Activation to Instigate Pulmonary Vascular Remodeling. Journal of Immunology, 2019, 203, 2862-2871.	0.8	23
27	Synaptic relationship of the neurons containing a metabotropic glutamate receptor, MGluR5, with nociceptive primary afferent and GABAergic terminals in rat spinal superficial laminae. Brain Research, 2000, 875, 138-143.	2.2	18
28	Resistin-Like Molecule Î± in Allergen-Induced Pulmonary Vascular Remodeling. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 303-313.	2.9	18
29	Sensitivity to isoflurane anesthesia increases in autism spectrum disorder Shank3 +/âˆ†c mutant mouse model. Neurotoxicology and Teratology, 2017, 60, 69-74.	2.4	18
30	Hypoxia Up-regulates Mouse Vascular Endothelial Growth Factor D Promoter Activity in Rat Pulmonary Microvascular Smooth-Muscle Cells. Chest, 2002, 121, 82S-83S.	0.8	15
31	Resistin-Like Molecule Î± Stimulates Proliferation of Mesenchymal Stem Cells While Maintaining Their Multipotency. Stem Cells and Development, 2013, 22, 239-247.	2.1	15
32	Th2 Inflammation, Hypoxia-induced Mitogenic Factor/FIZZ1, and Pulmonary Hypertension and Vascular Remodeling in Schistosomiasis. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 203-205.	5.6	13
33	Inhalational Anesthetics Disrupt Postsynaptic Density Protein-95, Drosophila Disc Large Tumor Suppressor, and Zonula Occludens-1 Domain Protein Interactions Critical to Action of Several Excitatory Receptor Channels Related to Anesthesia. Anesthesiology, 2015, 122, 776-786.	2.5	13
34	Effect of Disrupting NÂ-Methyl-d-aspartate Receptorâ€“Postsynaptic Density Protein-95 Interactions on the Threshold for Halothane Anesthesia in Mice. Anesthesiology, 2008, 108, 882-887.	2.5	13
35	Effect of PSD-95/SAP90 and/or PSD-93/Chapsyn-110 Deficiency on the Minimum Alveolar Anesthetic Concentration of Halothane in Mice. Anesthesiology, 2010, 112, 1444-1451.	2.5	12
36	Choosing the right antibody for resistin-like molecule (RELM/FIZZ) family members. Histochemistry and Cell Biology, 2013, 139, 605-613.	1.7	10

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37	Anti-aging factor, serum alpha-Klotho, as a marker of acute physiological stress, and a predictor of ICU mortality, in patients with septic shock. Journal of Critical Care, 2018, 44, 323-330.	2.2	10
38	Exon-based mapping of microarray probes: Recovering differential gene expression signal in underpowered hypoxia experiment. Molecular and Cellular Probes, 2007, 21, 134-139.	2.1	8
39	Hypoxia up-regulates mouse vascular endothelial growth factor D promoter activity in rat pulmonary microvascular smooth-muscle cells. Chest, 2002, 121, 82S-83S.	0.8	7
40	The inflammatory role of dysregulated IRS2 in pulmonary vascular remodeling under hypoxic conditions. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L416-L428.	2.9	6
41	Systemic evaluation and localization of resistin expression in normal human tissues by a newly developed monoclonal antibody. PLoS ONE, 2020, 15, e0235546.	2.5	5
42	Unveiling cell phenotypes in lung vascular remodeling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L1056-L1058.	2.9	2
43	Resistin-Like Molecule Î± Dysregulates Cardiac Bioenergetics in Neonatal Rat Cardiomyocytes. Frontiers in Cardiovascular Medicine, 2021, 8, 574708.	2.4	2
44	Isoflurane Disrupts Postsynaptic Density-95 Protein Interactions Causing Neuronal Synapse Loss and Cognitive Impairment in Juvenile Mice via Canonical NO-mediated Protein Kinase-G Signaling. Anesthesiology, 2022, 137, 212-231.	2.5	1
45	The expression of FIZZ/resistin/RELM family in mouse hypoxia lung. FASEB Journal, 2007, 21, A405.	0.5	0
46	Title is missing!. , 2020, 15, e0235546.		0
47	Title is missing!. , 2020, 15, e0235546.		0
48	Title is missing!. , 2020, 15, e0235546.		0
49	Title is missing!. , 2020, 15, e0235546.		0