Hui Sun

List of Publications by Year
in descending order

20 papers	3,563 citations	623734 14 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	3679 citing authors

#	Article	IF	Citations
1	A photoreceptor cell-specific ATP-binding transporter gene (ABCR) is mutated in recessive Starqardt macular dystrophy. Nature Genetics, 1997, 15, 236-246.	21.4	1,277
2	Regulation of Myocardial Contractility and Cell Size by Distinct PI3K-PTEN Signaling Pathways. Cell, 2002, 110, 737-749.	28.9	545
3	The vitelliform macular dystrophy protein defines a new family of chloride channels. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4008-4013.	7.1	447
4	The role of phosphoinositide-3 kinase and PTEN in cardiovascular physiology and disease. Journal of Molecular and Cellular Cardiology, 2004, 37, 449-471.	1.9	413
5	Stargardt's ABCR is localized to the disc membrane of retinal rod outer segments. Nature Genetics, 1997, 17, 15-16.	21.4	229
6	Molecular Genetics of Human Retinal Disease. Annual Review of Genetics, 1999, 33, 89-131.	7.6	223
7	Biochemical defects in ABCR protein variants associated with human retinopathies. Nature Genetics, 2000, 26, 242-246.	21.4	177
8	Distinct and common expression of receptors for inflammatory mediators in vagal nodose versus jugular capsaicin-sensitive/TRPV1-positive neurons detected by low input RNA sequencing. PLoS ONE, 2017, 12, e0185985.	2.5	75
9	Cardiac Sarcoplasmic Reticulum Calcium Release and Load Are Enhanced by Subcellular cAMP Elevations in PI3KÎ³-Deficient Mice. Circulation Research, 2005, 96, 1079-1086.	4.5	30
10	Phosphoinositide 3-kinase Î³ Regulates Cardiac Contractility by Locally Controlling Cyclic Adenosine Monophosphate Levels. Trends in Cardiovascular Medicine, 2006, 16, 250-256.	4.9	28
11	Acute activation of bronchopulmonary vagal nociceptors by type I interferons. Journal of Physiology, 2020, 598, 5541-5554.	2.9	24
12	Blocking voltage-gated sodium channels as a strategy to suppress pathological cough. Pulmonary Pharmacology and Therapeutics, 2017, 47, 38-41.	2.6	23
13	KCNQ/M-channels regulate mouse vagal bronchopulmonary C-fiber excitability and cough sensitivity. JCI Insight, 2019, 4, .	5.0	21
14	Conformation of ryanodine receptor-2 gates store-operated calcium entry in rat pulmonary arterial myocytes. Cardiovascular Research, 2016, 111, 94-104.	3.8	18
15	Targeting C-fibers for peripheral acting anti-tussive drugs. Pulmonary Pharmacology and Therapeutics, 2019, 56, 15-19.	2.6	13
16	Increased intracellular Cl^{â˜} concentration in pulmonary arterial myocytes is associated with chronic hypoxic pulmonary hypertension. American Journal of Physiology - Cell Physiology, 2021, 321, C297-C307.	4.6	7
17	Different sensitivity of action potential generation to the rate of depolarization in vagal afferent A-fiber versus C-fiber neurons. Journal of Neurophysiology, 2021, 125, 2000-2012.	1.8	6
18	Role of TRP channels in G_q-coupled protease-activated receptor 1-mediated activation of mouse nodose pulmonary C-fibers. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L192-L199.	2.9	5

#	Article	IF	Citations
19	K_V1/Dâ€type potassium channels inhibit the excitability of bronchopulmonary vagal afferent nerves. Journal of Physiology, 2022, 600, 2953-2971.	2.9	2
20	Enhanced Ca2+â€activated Clâ^' conductance and TMEM16A expression in pulmonary arterial smooth muscle in a rat model of chronic hypoxic pulmonary hypertension. FASEB Journal, 2011, 25, 861.11.	0.5	0