

# Hui Sun

## List of Publications by Year in descending order

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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	K <sub>v</sub> 1/D $\alpha$ type potassium channels inhibit the excitability of bronchopulmonary vagal afferent nerves. <i>Journal of Physiology</i> , 2022, 600, 2953-2971.	2.9	2
2	Different sensitivity of action potential generation to the rate of depolarization in vagal afferent A-fiber versus C-fiber neurons. <i>Journal of Neurophysiology</i> , 2021, 125, 2000-2012.	1.8	6
3	Increased intracellular Cl <sup>-</sup> concentration in pulmonary arterial myocytes is associated with chronic hypoxic pulmonary hypertension. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C297-C307.	4.6	7
4	Role of TRP channels in G <sub>q</sub> -coupled protease-activated receptor 1-mediated activation of mouse nodose pulmonary C-fibers. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L192-L199.	2.9	5
5	Acute activation of bronchopulmonary vagal nociceptors by type I interferons. <i>Journal of Physiology</i> , 2020, 598, 5541-5554.	2.9	24
6	Targeting C-fibers for peripheral acting anti-tussive drugs. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019, 56, 15-19.	2.6	13
7	KCNQ/M-channels regulate mouse vagal bronchopulmonary C-fiber excitability and cough sensitivity. <i>JCI Insight</i> , 2019, 4, .	5.0	21
8	Blocking voltage-gated sodium channels as a strategy to suppress pathological cough. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017, 47, 38-41.	2.6	23
9	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. <i>PLoS ONE</i> , 2017, 12, e0185985.	2.5	75
10	Conformation of ryanodine receptor-2 gates store-operated calcium entry in rat pulmonary arterial myocytes. <i>Cardiovascular Research</i> , 2016, 111, 94-104.	3.8	18
11	Enhanced Ca <sup>2+</sup> -activated Cl <sup>-</sup> conductance and TMEM16A expression in pulmonary arterial smooth muscle in a rat model of chronic hypoxic pulmonary hypertension. <i>FASEB Journal</i> , 2011, 25, 861.11.	0.5	0
12	Phosphoinositide 3-kinase $\hat{I}^3$ Regulates Cardiac Contractility by Locally Controlling Cyclic Adenosine Monophosphate Levels. <i>Trends in Cardiovascular Medicine</i> , 2006, 16, 250-256.	4.9	28
13	Cardiac Sarcoplasmic Reticulum Calcium Release and Load Are Enhanced by Subcellular cAMP Elevations in PI3K $\hat{I}^3$ -Deficient Mice. <i>Circulation Research</i> , 2005, 96, 1079-1086.	4.5	30
14	The role of phosphoinositide-3 kinase and PTEN in cardiovascular physiology and disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 37, 449-471.	1.9	413
15	The vitelliform macular dystrophy protein defines a new family of chloride channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4008-4013.	7.1	447
16	Regulation of Myocardial Contractility and Cell Size by Distinct PI3K-PTEN Signaling Pathways. <i>Cell</i> , 2002, 110, 737-749.	28.9	545
17	Biochemical defects in ABCR protein variants associated with human retinopathies. <i>Nature Genetics</i> , 2000, 26, 242-246.	21.4	177
18	Molecular Genetics of Human Retinal Disease. <i>Annual Review of Genetics</i> , 1999, 33, 89-131.	7.6	223

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19	A photoreceptor cell-specific ATP-binding transporter gene (ABCR) is mutated in recessive Stargardt macular dystrophy. <i>Nature Genetics</i> , 1997, 15, 236-246.	21.4	1,277
20	Stargardt's ABCR is localized to the disc membrane of retinal rod outer segments. <i>Nature Genetics</i> , 1997, 17, 15-16.	21.4	229