

Shang-Wei Hou

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

488
citations

9
h-index

17
g-index

17
ext. papers

571
ext. citations

9
avg. IF

3.26
L-index

#	Paper	IF	Citations
17	Modulation of BKCa channel gating by endogenous signaling molecules. <i>Physiology</i> , 2009 , 24, 26-35	9.8	114
16	The RCK1 high-affinity Ca ²⁺ sensor confers carbon monoxide sensitivity to Slo1 BK channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 4039-43	11.5	96
15	Reversible binding of heme to proteins in cellular signal transduction. <i>Accounts of Chemical Research</i> , 2006 , 39, 918-24	24.3	71
14	Reciprocal regulation of the Ca ²⁺ and H ⁺ sensitivity in the SLO1 BK channel conferred by the RCK1 domain. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 403-10	17.6	44
13	GABRP regulates chemokine signalling, macrophage recruitment and tumour progression in pancreatic cancer through tuning KCNN4-mediated Ca signalling in a GABA-independent manner. <i>Gut</i> , 2019 , 68, 1994-2006	19.2	40
12	Zn ²⁺ activates large conductance Ca ²⁺ -activated K ⁺ channel via an intracellular domain. <i>Journal of Biological Chemistry</i> , 2010 , 285, 6434-42	5.4	32
11	Bilirubin oxidation end products directly alter K ⁺ channels important in the regulation of vascular tone. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011 , 31, 102-12	7.3	22
10	Human EAG channels are directly modulated by PIP ₂ as revealed by electrophysiological and optical interference investigations. <i>Scientific Reports</i> , 2016 , 6, 23417	4.9	15
9	Comparative effects of H ⁺ and Ca ²⁺ on large-conductance Ca ²⁺ - and voltage-gated Slo1 K ⁺ channels. <i>Channels</i> , 2009 , 3, 249-58	3	13
8	Activation of BK Channels Prevents Hepatic Stellate Cell Activation and Liver Fibrosis Through the Suppression of TGF β /SMAD3 and JAK/STAT3 Profibrotic Signaling Pathways. <i>Frontiers in Pharmacology</i> , 2020 , 11, 165	5.6	9
7	Nicotine facilitates VSMC dysfunction through a miR-200b/RhoGDI/cytoskeleton module. <i>Scientific Reports</i> , 2017 , 7, 43798	4.9	8
6	Clonal evolution in liver cancer at single-cell and single-variant resolution. <i>Journal of Hematology and Oncology</i> , 2021 , 14, 22	22.4	8
5	Protein Kinase C (PKC) Attenuates Bleomycin Induced Pulmonary Fibrosis via Inhibiting NF- κ B Signaling Pathway. <i>Frontiers in Physiology</i> , 2020 , 11, 367	4.6	7
4	Eag1 K Channel: Endogenous Regulation and Functions in Nervous System. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 7371010	6.7	6
3	Capturing the Interaction Kinetics of an Ion Channel Protein with Small Molecules by the Bio-layer Interferometry Assay. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	2
2	Bilirubin Oxidation End Products (BOXes) Induce Neuronal Oxidative Stress Involving the Nrf2 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 8869908	6.7	1
1	Bilirubin oxidation end product B prevents CoCl ₂ -induced primary cortical neuron apoptosis by promoting cell survival Akt/mTOR/p70S6K signaling pathway.. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 602, 27-34	3.4	0

