

Kun Wu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,611
citations

840119

11
h-index

1125271

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14
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14
docs citations

14
times ranked

2021
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Structure and mechanogating mechanism of the Piezo1 channel. Nature, 2018, 554, 487-492. | 13.7 | 376 |
| 2 | Structure of the human voltage-gated sodium channel Na _v 1.4 in complex with Î²1. Science, 2018, 362, . | 6.0 | 333 |
| 3 | Structures of human Na _v 1.7 channel in complex with auxiliary subunits and animal toxins. Science, 2019, 363, 1303-1308. | 6.0 | 318 |
| 4 | Ion Permeation and Mechanotransduction Mechanisms of Mechanosensitive Piezo Channels. Neuron, 2016, 89, 1248-1263. | 3.8 | 147 |
| 5 | Cryo-EM structures of apo and antagonist-bound human Cav3.1. Nature, 2019, 576, 492-497. | 13.7 | 116 |
| 6 | The mechanosensitive Piezo1 channel mediates heart mechano-chemo transduction. Nature Communications, 2021, 12, 869. | 5.8 | 106 |
| 7 | Structural Basis for Pore Blockade of the Human Cardiac Sodium Channel Na _v 1.5 by the Antiarrhythmic Drug Quinidine**. Angewandte Chemie - International Edition, 2021, 60, 11474-11480. | 7.2 | 63 |
| 8 | Structural Basis for the Modulation of Human KCNQ4 by Small-Molecule Drugs. Molecular Cell, 2021, 81, 25-37.e4. | 4.5 | 53 |
| 9 | A Membrane Potential- and Calpain-Dependent Reversal of Caspase-1 Inhibition Regulates Canonical NLRP3 Inflammasome. Cell Reports, 2018, 24, 2356-2369.e5. | 2.9 | 44 |
| 10 | Heterologous Expression of the Piezo1-ASIC1 Chimera Induces Mechanosensitive Currents with Properties Distinct from Piezo1. Neuron, 2017, 94, 274-277. | 3.8 | 20 |
| 11 | Cryo-EM structures of human TMEM120A and TMEM120B. Cell Discovery, 2021, 7, 77. | 3.1 | 16 |
| 12 | Structural Basis for Pore Blockade of the Human Cardiac Sodium Channel Na _v 1.5 by the Antiarrhythmic Drug Quinidine**. Angewandte Chemie, 2021, 133, 11575-11581. | 1.6 | 6 |