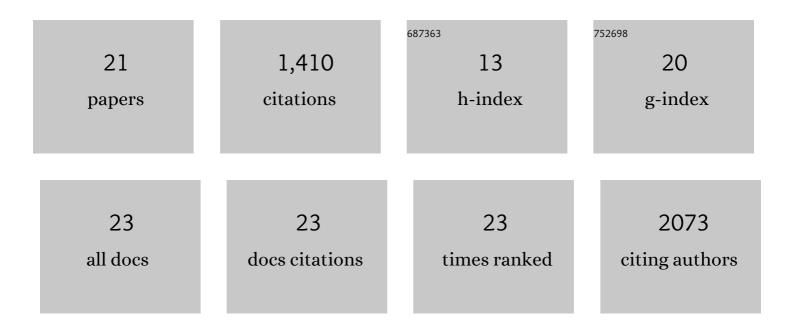
Jiangtao Guo

List of Publications by Year in descending order

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Ιμανιστλο Ομο

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Structure of mammalian endolysosomal TRPML1 channel in nanodiscs. Nature, 2017, 550, 415-418. | 27.8 | 244 |
| 2 | Structure of the voltage-gated two-pore channel TPC1 from Arabidopsis thaliana. Nature, 2016, 531, 196-201. | 27.8 | 216 |
| 3 | Structures of the calcium-activated, non-selective cation channel TRPM4. Nature, 2017, 552, 205-209. | 27.8 | 158 |
| 4 | Structural insights into the voltage and phospholipid activation of the mammalian TPC1 channel. Nature, 2018, 556, 130-134. | 27.8 | 153 |
| 5 | Tuning the ion selectivity of two-pore channels. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1009-1014. | 7.1 | 106 |
| 6 | Structural mechanisms of phospholipid activation of the human TPC2 channel. ELife, 2019, 8, . | 6.0 | 103 |
| 7 | Molecular basis for ligand activation of the human KCNQ2 channel. Cell Research, 2021, 31, 52-61. | 12.0 | 77 |
| 8 | Cryo-EM structures of the human cation-chloride cotransporter KCC1. Science, 2019, 366, 505-508. | 12.6 | 61 |
| 9 | The lysosomal potassium channel TMEM175 adopts a novel tetrameric architecture. Nature, 2017, 547, 472-475. | 27.8 | 57 |
| 10 | Cryo-EM structures of human pannexin 1 channelÂ. Cell Research, 2020, 30, 449-451. | 12.0 | 41 |
| 11 | Structures and an activation mechanism of human potassium-chloride cotransporters. Science Advances, 2020, 6, . | 10.3 | 37 |
| 12 | Cooperative transport mechanism of human monocarboxylate transporter 2. Nature Communications, 2020, 11, 2429. | 12.8 | 33 |
| 13 | Structural basis of ALMT1-mediated aluminum resistance in Arabidopsis. Cell Research, 2022, 32, 89-98. | 12.0 | 27 |
| 14 | Structures of a mammalian TRPM8 in closed state. Nature Communications, 2022, 13, . | 12.8 | 22 |
| 15 | Voltage-gating and cytosolic Ca ²⁺ activation mechanisms of <i>Arabidopsis</i> two-pore channel AtTPC1. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 19 |
| 16 | Cryo-EM structures of <i>Dr</i> NKCC1 and hKCC1: a new milestone in the physiology of cation-chloride cotransporters. American Journal of Physiology - Cell Physiology, 2020, 318, C225-C237. | 4.6 | 15 |
| 17 | Structural and functional basis of the selectivity filter as a gate in human TRPM2 channel. Cell Reports, 2021, 37, 110025. | 6.4 | 14 |
| 18 | â€~C-type' closed state and gating mechanisms of K2P channels revealed by conformational changes of the TREK-1 channel. Journal of Molecular Cell Biology, 2022, 14, . | 3.3 | 9 |

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Structural basis for the gating modulation of Kv4.3 by auxiliary subunits. Cell Research, 2022, 32, 411-414. | 12.0 | 9 |
| 20 | Cryo-EM structures of human calcium homeostasis modulator 5. Cell Discovery, 2020, 6, 81. | 6.7 | 8 |
| 21 | Expression and Purification of the Human Cation-chloride Cotransporter KCC1 from HEK293F Cells for Structural Studies. Bio-protocol, 2021, 11, e3966. | 0.4 | Ο |