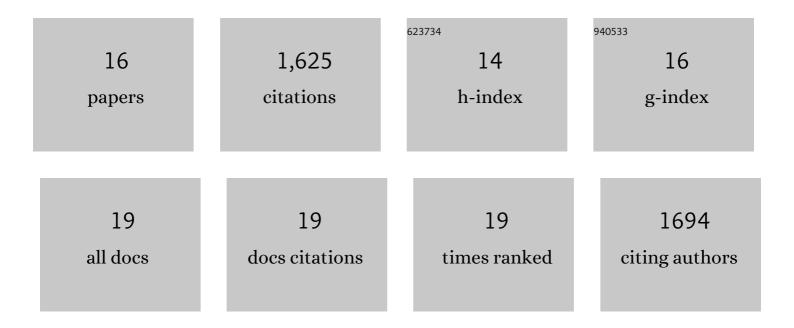
## Peng Yuan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Connecting copper and cancer: from transition metal signalling to metalloplasia. Nature Reviews Cancer, 2022, 22, 102-113.	28.4	519
2	Structure of the Human BK Channel Ca <sup>2+</sup> -Activation Apparatus at 3.0 Ã Resolution. Science, 2010, 329, 182-186.	12.6	284
3	Cryo-EM and X-ray structures of TRPV4 reveal insight into ion permeation and gating mechanisms. Nature Structural and Molecular Biology, 2018, 25, 252-260.	8.2	179
4	Open structure of the Ca2+ gating ring in the high-conductance Ca2+-activated K+ channel. Nature, 2012, 481, 94-97.	27.8	129
5	X-ray structures of the high-affinity copper transporter Ctr1. Nature Communications, 2019, 10, 1386.	12.8	102
6	Cryo-EM structures of the ATP release channel pannexin 1. Nature Structural and Molecular Biology, 2020, 27, 373-381.	8.2	85
7	Structural basis of control of inward rectifier Kir2 channel gating by bulk anionic phospholipids. Journal of General Physiology, 2016, 148, 227-237.	1.9	66
8	Gating of human TRPV3 in a lipid bilayer. Nature Structural and Molecular Biology, 2020, 27, 635-644.	8.2	46
9	Structural mechanism for gating of a eukaryotic mechanosensitive channel of small conductance. Nature Communications, 2020, 11, 3690.	12.8	41
10	A genetic variant of the sperm-specific SLO3 K+ channel has altered pH and Ca2+ sensitivities. Journal of Biological Chemistry, 2017, 292, 8978-8987.	3.4	35
11	Atomistic basis of opening and conduction in mammalian inward rectifier potassium (Kir2.2) channels. Journal of General Physiology, 2020, 152, jgp.201912422.	1.9	28
12	Cryo-EM structure of a proton-activated chloride channel TMEM206. Science Advances, 2021, 7, .	10.3	27
13	Structure of the Wilson disease copper transporter ATP7B. Science Advances, 2022, 8, eabl5508.	10.3	26
14	Structural biology of thermoTRPV channels. Cell Calcium, 2019, 84, 102106.	2.4	22
15	Coupling of Ca <sup>2+</sup> and voltage activation in BK channels through the αB helix/voltage sensor interface. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14512-14521.	7.1	19
16	Structural basis for usher activation and intramolecular subunit transfer in P pilus biogenesis in Escherichia coli. Nature Microbiology, 2018, 3, 1362-1368.	13.3	17