Yongfeng Liu

List of Publications by Citations

25 papers	2,590 citations	15 h-index	33 g-index
33 ext. papers	3,809 ext. citations	16.5 avg, IF	3.93 L-index

#	Paper	IF	Citations
25	A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. *Nature*, **2020**, 583, 459-468	50.4	2142
24	High-density localization of active molecules using Structured Sparse Model and Bayesian Information Criterion. *Optics Express*, **2011**, 19, 16963-74	3.3	63
23	Localization-based super-resolution microscopy with an sCMOS camera. *Optics Express*, **2011**, 19, 19156-68	3.3	53
22	Structural insights into the human D1 and D2 dopamine receptor signaling complexes. *Cell*, **2021**, 184, 931-942.e18	56.2	37
21	Proteolytic regulation of epithelial sodium channels by urokinase plasminogen activator: cutting edge and cleavage sites. *Journal of Biological Chemistry*, **2015**, 290, 5241-55	5.4	31
20	COVID-19: Famotidine, Histamine, Mast Cells, and Mechanisms. *Frontiers in Pharmacology*, **2021**, 12, 633680	5.6	30
19	TRPV1 channels are functionally coupled with BK(mSlo1) channels in rat dorsal root ganglion (DRG) neurons. *PLoS ONE*, **2013**, 8, e78203	3.7	25
18	Structures of the □receptor enable docking for bioactive ligand discovery. *Nature*, **2021**,	50.4	24
17	Physiological role of Kv1.3 channel in T lymphocyte cell investigated quantitatively by kinetic modeling. *PLoS ONE*, **2014**, 9, e89975	3.7	22
16	TCDD promoted EMT of hFPECs via AhR, which involved the activation of EGFR/ERK signaling. *Toxicology and Applied Pharmacology*, **2016**, 298, 48-55	4.6	20
15	Structure-based discovery of potent and selective melatonin receptor agonists. *ELife*, **2020**, 9,	8.9	19
14	Two-stage electro-mechanical coupling of a K channel in voltage-dependent activation. *Nature Communications*, **2020**, 11, 676	17.4	16
13	Synthon-based ligand discovery in virtual libraries of over 11 billion compounds.. *Nature*, **2021**,	50.4	15
12	Structure, function and pharmacology of human itch GPCRs. *Nature*, **2021**, 600, 170-175	50.4	15
11	Structures of the human dopamine D3 receptor-G complexes. *Molecular Cell*, **2021**, 81, 1147-1159.e4	17.6	15
10	COVID-19: Famotidine, Histamine, Mast Cells, and Mechanisms **2020**,		12
9	Mechanism of dopamine binding and allosteric modulation of the human D1 dopamine receptor. *Cell Research*, **2021**, 31, 593-596	24.7	12

List of Publications

8	Kinetic model of Nav1.5 channel provides a subtle insight into slow inactivation associated excitability in cardiac cells. *PLoS ONE*, **2013**, 8, e64286	3.7	10
7	A PIP substitute mediates voltage sensor-pore coupling in KCNQ activation. *Communications Biology*, **2020**, 3, 385	6.7	9
6	COVID-19: Famotidine, Histamine, Mast Cells, and Mechanisms		5
5	Crystal structures of the 2 receptor template large-library docking for selective chemotypes active in vivo		5
4	A Structure-Activity Relationship Comparison of Imidazodiazepines Binding at Kappa, Mu, and Delta Opioid Receptors and the GABA Receptor. *Molecules*, **2020**, 25,	4.8	4
3	A promising chemical series of positive allosteric modulators of the opioid receptor that enhance the antinociceptive efficacy of opioids but not their adverse effects. *Neuropharmacology*, **2021**, 195, 108673	5.5	3
2	COVID-19: Famotidine, Histamine, Mast Cells, and Mechanisms		2
1	Modulating the voltage sensor of a cardiac potassium channel shows antiarrhythmic effects. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	1