Yongfeng Liu

List of Publications by Year
in descending order

24 papers	4,661 citations	516215 16 h-index	676716 22 g-index
33 all docs	33 docs citations	33 times ranked	10598 citing authors

#	Article	IF	Citations
1	A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. Nature, 2020, 583, 459-468.	13.7	3,542
2	Synthon-based ligand discovery in virtual libraries of over 11 billion compounds. Nature, 2022, 601, 452-459.	13.7	153
3	Structural insights into the human D1 and D2 dopamine receptor signaling complexes. Cell, 2021, 184, 931-942.e18.	13.5	140
4	Structures of the Ïƒ2 receptor enable docking for bioactive ligand discovery. Nature, 2021, 600, 759-764.	13.7	113
5	Structure, function and pharmacology of human itch GPCRs. Nature, 2021, 600, 170-175.	13.7	101
6	High-density localization of active molecules using Structured Sparse Model and Bayesian Information Criterion. Optics Express, 2011, 19, 16963.	1.7	74
7	Localization-based super-resolution microscopy with an sCMOS camera. Optics Express, 2011, 19, 19156.	1.7	72
8	COVID-19: Famotidine, Histamine, Mast Cells, and Mechanisms. Frontiers in Pharmacology, 2021, 12, 633680.	1.6	64
9	Structures of the human dopamine D3 receptor-Gi complexes. Molecular Cell, 2021, 81, 1147-1159.e4.	4.5	51
10	Mechanism of dopamine binding and allosteric modulation of the human D1 dopamine receptor. Cell Research, 2021, 31, 593-596.	5.7	48
11	Two-stage electroâ€“mechanical coupling of a KV channel in voltage-dependent activation. Nature Communications, 2020, 11, 676.	5.8	46
12	Proteolytic Regulation of Epithelial Sodium Channels by Urokinase Plasminogen Activator. Journal of Biological Chemistry, 2015, 290, 5241-5255.	1.6	39
13	Physiological Role of Kv1.3 Channel in T Lymphocyte Cell Investigated Quantitatively by Kinetic Modeling. PLoS ONE, 2014, 9, e89975.	1.1	28
14	TRPV1 Channels Are Functionally Coupled with BK(mSlo1) Channels in Rat Dorsal Root Ganglion (DRG) Neurons. PLoS ONE, 2013, 8, e78203.	1.1	28
15	Structure-based discovery of potent and selective melatonin receptor agonists. ELife, 2020, 9, .	2.8	28
16	TCDD promoted EMT of hFPECs via AhR, which involved the activation of EGFR/ERK signaling. Toxicology and Applied Pharmacology, 2016, 298, 48-55.	1.3	26
17	A PIP2 substitute mediates voltage sensor-pore coupling in KCNQ activation. Communications Biology, 2020, 3, 385.	2.0	22
18	A promising chemical series of positive allosteric modulators of the Î¼-opioid receptor that enhance the antinociceptive efficacy of opioids but not their adverse effects. Neuropharmacology, 2021, 195, 108673.	2.0	16

#	Article	IF	Citations
19	Kinetic Model of Nav1.5 Channel Provides a Subtle Insight into Slow Inactivation Associated Excitability in Cardiac Cells. PLoS ONE, 2013, 8, e64286.	1.1	13
20	Subversion of Serotonin Receptor Signaling in Osteoblasts by Kynurenine Drives Acute Myeloid Leukemia. Cancer Discovery, 2022, 12, 1106-1127.	7.7	12
21	A Structure-Activity Relationship Comparison of Imidazodiazepines Binding at Kappa, Mu, and Delta Opioid Receptors and the GABAA Receptor. Molecules, 2020, 25, 3864.	1.7	7
22	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, .	3.3	6
23	CP1 Is a Potent IKs Channel Activator Which Acts by Substituting Phosphatidylinositol 4,5 Bisphosphate. Biophysical Journal, 2019, 116, 542a-543a.	0.2	0
24	Two-stage â€œHand-and-Elbowâ€•Gating Mechanism of a KV Channel. Biophysical Journal, 2020, 118, 113a.	0.2	0