

# Yongfeng Liu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Synthon-based ligand discovery in virtual libraries of over 11 billion compounds.. <i>Nature</i> , <b>2021</b> ,	50.4	15
24	Structures of the $\beta$ receptor enable docking for bioactive ligand discovery. <i>Nature</i> , <b>2021</b> ,	50.4	24
23	Structure, function and pharmacology of human itch GPCRs. <i>Nature</i> , <b>2021</b> , 600, 170-175	50.4	15
22	Mechanism of dopamine binding and allosteric modulation of the human D1 dopamine receptor. <i>Cell Research</i> , <b>2021</b> , 31, 593-596	24.7	12
21	Structures of the human dopamine D3 receptor-G complexes. <i>Molecular Cell</i> , <b>2021</b> , 81, 1147-1159.e4	17.6	15
20	COVID-19: Famotidine, Histamine, Mast Cells, and Mechanisms. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 633680	6.80	30
19	Modulating the voltage sensor of a cardiac potassium channel shows antiarrhythmic effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	1
18	Structural insights into the human D1 and D2 dopamine receptor signaling complexes. <i>Cell</i> , <b>2021</b> , 184, 931-942.e18	56.2	37
17	A promising chemical series of positive allosteric modulators of the $\mu$ opioid receptor that enhance the antinociceptive efficacy of opioids but not their adverse effects. <i>Neuropharmacology</i> , <b>2021</b> , 195, 108673	5.5	3
16	A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. <i>Nature</i> , <b>2020</b> , 583, 459-468	50.4	2142
15	Two-stage electro-mechanical coupling of a K channel in voltage-dependent activation. <i>Nature Communications</i> , <b>2020</b> , 11, 676	17.4	16
14	COVID-19: Famotidine, Histamine, Mast Cells, and Mechanisms <b>2020</b> ,		12
13	Structure-based discovery of potent and selective melatonin receptor agonists. <i>ELife</i> , <b>2020</b> , 9,	8.9	19
12	A PIP substitute mediates voltage sensor-pore coupling in KCNQ activation. <i>Communications Biology</i> , <b>2020</b> , 3, 385	6.7	9
11	A Structure-Activity Relationship Comparison of Imidazodiazepines Binding at Kappa, Mu, and Delta Opioid Receptors and the GABA Receptor. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
10	TCDD promoted EMT of hFPECs via AhR, which involved the activation of EGFR/ERK signaling. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 298, 48-55	4.6	20
9	Proteolytic regulation of epithelial sodium channels by urokinase plasminogen activator: cutting edge and cleavage sites. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 5241-55	5.4	31

8	Physiological role of Kv1.3 channel in T lymphocyte cell investigated quantitatively by kinetic modeling. <i>PLoS ONE</i> , <b>2014</b> , 9, e89975	3-7	22
7	Kinetic model of Nav1.5 channel provides a subtle insight into slow inactivation associated excitability in cardiac cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e64286	3-7	10
6	TRPV1 channels are functionally coupled with BK(mSlo1) channels in rat dorsal root ganglion (DRG) neurons. <i>PLoS ONE</i> , <b>2013</b> , 8, e78203	3-7	25
5	High-density localization of active molecules using Structured Sparse Model and Bayesian Information Criterion. <i>Optics Express</i> , <b>2011</b> , 19, 16963-74	3-3	63
4	Localization-based super-resolution microscopy with an sCMOS camera. <i>Optics Express</i> , <b>2011</b> , 19, 19156-68	3-3	53
3	COVID-19: Famotidine, Histamine, Mast Cells, and Mechanisms		5
2	COVID-19: Famotidine, Histamine, Mast Cells, and Mechanisms		2
1	Crystal structures of the $\mu$ receptor template large-library docking for selective chemotypes active in vivo		5