Yi-Lynn Liang

List of Publications by Year
in descending order

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22	2,204	331670 21	677142 22
papers	citations	h-index	g-index

22	22	22	2141
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phase-plate cryo-EM structure of a class B GPCRâ€“G-protein complex. Nature, 2017, 546, 118-123.	27.8	424
2	Structure of the adenosine-bound human adenosine A1 receptorâ€“Gi complex. Nature, 2018, 558, 559-563.	27.8	274
3	Phase-plate cryo-EM structure of a biased agonist-bound human GLP-1 receptorâ€“Gs complex. Nature, 2018, 555, 121-125.	27.8	263
4	Cryo-EM structure of the active, Gs-protein complexed, human CGRP receptor. Nature, 2018, 561, 492-497.	27.8	210
5	Activation of the GLP-1 receptor by a non-peptidic agonist. Nature, 2020, 577, 432-436.	27.8	119
6	Ligand-Dependent Modulation of G Protein Conformation Alters Drug Efficacy. Cell, 2016, 167, 739-749.e11.	28.9	113
7	Differential GLP-1R Binding and Activation by Peptide and Non-peptide Agonists. Molecular Cell, 2020, 80, 485-500.e7.	9.7	111
8	Dominant Negative G Proteins Enhance Formation and Purification of Agonist-GPCR-G Protein Complexes for Structure Determination. ACS Pharmacology and Translational Science, 2018, 1, 12-20.	4.9	96
9	Toward a Structural Understanding of Class B GPCR Peptide Binding and Activation. Molecular Cell, 2020, 77, 656-668.e5.	9.7	92
10	Structure and Dynamics of Adrenomedullin Receptors AM₁ and AM₂ Reveal Key Mechanisms in the Control of Receptor Phenotype by Receptor Activity-Modifying Proteins. ACS Pharmacology and Translational Science, 2020, 3, 263-284.	4.9	71
11	Structure and dynamics of the CGRP receptor in apo and peptide-bound forms. Science, 2021, 372, .	12.6	57
12	Recent advances in the determination of G protein-coupled receptor structures. Current Opinion in Structural Biology, 2018, 51, 28-34.	5.7	51
13	Structure and dynamics of the active Gs-coupled human secretin receptor. Nature Communications, 2020, 11, 4137.	12.8	46
14	Two distinct domains of the glucagon-like peptide-1 receptor control peptide-mediated biased agonism. Journal of Biological Chemistry, 2018, 293, 9370-9387.	3.4	43
15	The Molecular Control of Calcitonin Receptor Signaling. ACS Pharmacology and Translational Science, 2019, 2, 31-51.	4.9	38
16	Routine sub-2.5â€‰Ã… cryo-EM structure determination of GPCRs. Nature Communications, 2021, 12, 4333.	12.8	37
17	Structural perspective of class B1 GPCR signaling. Trends in Pharmacological Sciences, 2022, 43, 321-334.	8.7	35
18	Cryo-electron microscopy structure of the glucagon receptor with a dual-agonist peptide. Journal of Biological Chemistry, 2020, 295, 9313-9325.	3.4	31

#	Article	IF	Citations
19	Dynamics of GLP-1R peptide agonist engagement are correlated with kinetics of G protein activation. Nature Communications, 2022, 13, 92.	12.8	30
20	A structural basis for amylin receptor phenotype. Science, 2022, 375, eabm9609.	12.6	28
21	Structure and dynamics of semaglutide- and taspoglutide-bound GLP-1R-Gs complexes. Cell Reports, 2021, 36, 109374.	6.4	27
22	Uptake of the butyrate receptors, GPR41 and GPR43, in lipidic bicontinuous cubic phases suitable for in meso crystallization. Journal of Colloid and Interface Science, 2015, 441, 78-84.	9.4	8