

# Yi-Lynn Liang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10083914/publications.pdf>

Version: 2024-02-01

22  
papers

2,204  
citations

331670

21  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural perspective of class B1 GPCR signaling. Trends in Pharmacological Sciences, 2022, 43, 321-334.	8.7	35
2	Dynamics of GLP-1R peptide agonist engagement are correlated with kinetics of G protein activation. Nature Communications, 2022, 13, 92.	12.8	30
3	A structural basis for amylin receptor phenotype. Science, 2022, 375, eabm9609.	12.6	28
4	Structure and dynamics of the CGRP receptor in apo and peptide-bound forms. Science, 2021, 372, .	12.6	57
5	Structure and dynamics of semaglutide- and tasoglutide-bound GLP-1R-Gs complexes. Cell Reports, 2021, 36, 109374.	6.4	27
6	Routine sub-2.5Å... cryo-EM structure determination of GPCRs. Nature Communications, 2021, 12, 4333.	12.8	37
7	Activation of the GLP-1 receptor by a non-peptidic agonist. Nature, 2020, 577, 432-436.	27.8	119
8	Differential GLP-1R Binding and Activation by Peptide and Non-peptide Agonists. Molecular Cell, 2020, 80, 485-500.e7.	9.7	111
9	Structure and dynamics of the active Gs-coupled human secretin receptor. Nature Communications, 2020, 11, 4137.	12.8	46
10	Cryo-electron microscopy structure of the glucagon receptor with a dual-agonist peptide. Journal of Biological Chemistry, 2020, 295, 9313-9325.	3.4	31
11	Structure and Dynamics of Adrenomedullin Receptors AM <sub>1</sub> and AM <sub>2</sub> 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
12	Toward a Structural Understanding of Class B GPCR Peptide Binding and Activation. Molecular Cell, 2020, 77, 656-668.e5.	9.7	92
13	The Molecular Control of Calcitonin Receptor Signaling. ACS Pharmacology and Translational Science, 2019, 2, 31-51.	4.9	38
14	Phase-plate cryo-EM structure of a biased agonist-bound human GLP-1 receptor-Gs complex. Nature, 2018, 555, 121-125.	27.8	263
15	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
16	Recent advances in the determination of G protein-coupled receptor structures. Current Opinion in Structural Biology, 2018, 51, 28-34.	5.7	51
17	Cryo-EM structure of the active, Gs-protein complexed, human CGRP receptor. Nature, 2018, 561, 492-497.	27.8	210
18	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

#	ARTICLE	IF	CITATIONS
19	Structure of the adenosine-bound human adenosine A1 receptorâ€“Gi complex. <i>Nature</i> , 2018, 558, 559-563.	27.8	274
20	Phase-plate cryo-EM structure of a class B GPCRâ€“G-protein complex. <i>Nature</i> , 2017, 546, 118-123.	27.8	424
21	Ligand-Dependent Modulation of G Protein Conformation Alters Drug Efficacy. <i>Cell</i> , 2016, 167, 739-749.e11.	28.9	113
22	Uptake of the butyrate receptors, GPR41 and GPR43, in lipidic bicontinuous cubic phases suitable for in meso crystallization. <i>Journal of Colloid and Interface Science</i> , 2015, 441, 78-84.	9.4	8