Kouki Kawakami

List of Publications by Year
in descending order

17	1,587	623734 14	940533 16
papers	citations	h-index	g-index

21	21	21	1907
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Illuminating G-Protein-Coupling Selectivity of GPCRs. Cell, 2019, 177, 1933-1947.e25.	28.9	387
2	Lack of beta-arrestin signaling in the absence of active G proteins. Nature Communications, 2018, 9, 341.	12.8	297
3	Distinct conformations of GPCRâ€“Î²-arrestin complexes mediate desensitization, signaling, and endocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2562-2567.	7.1	281
4	Genetic evidence that Î²-arrestins are dispensable for the initiation of Î² ₂ -adrenergic receptor signaling to ERK. Science Signaling, 2017, 10, .	3.6	155
5	Intrinsic bias at non-canonical, Î²-arrestin-coupled seven transmembrane receptors. Molecular Cell, 2021, 81, 4605-4621.e11.	9.7	69
6	Lysolipid receptor cross-talk regulates lymphatic endothelial junctions in lymph nodes. Journal of Experimental Medicine, 2019, 216, 1582-1598.	8.5	54
7	Heterotrimeric G Protein Subunit GÎ±q Is a Master Switch for GÎ²Î³-Mediated Calcium Mobilization by Gi-Coupled GPCRs. Molecular Cell, 2020, 80, 940-954.e6.	9.7	54
8	Heterotrimeric Gq proteinsÂact as a switch for GRK5/6 selectivity underlying Î²-arrestin transducer bias. Nature Communications, 2022, 13, 487.	12.8	53
9	Key phosphorylation sites in <scp>GPCR</scp> s orchestrate the contribution of Î²â€Arrestin 1 in <scp>ERK</scp> 1/2 activation. EMBO Reports, 2020, 21, e49886.	4.5	48
10	Structural basis of sphingosine-1-phosphate receptor 1 activation and biased agonism. Nature Chemical Biology, 2022, 18, 281-288.	8.0	43
11	Smoothened transduces Hedgehog signals via activity-dependent sequestration of PKA catalytic subunits. PLoS Biology, 2021, 19, e3001191.	5.6	40
12	Agonist-induced formation of unproductive receptor-G ₁₂ complexes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21723-21730.	7.1	35
13	N6-methyladenosine (m6A) is an endogenous A3 adenosine receptor ligand. Molecular Cell, 2021, 81, 659-674.e7.	9.7	28
14	A single extracellular amino acid in Free Fatty Acid Receptor 2 defines antagonist species selectivity and G protein selection bias. Scientific Reports, 2017, 7, 13741.	3.3	21
15	An intrabody sensor to monitor conformational activation of Î²-arrestins. Methods in Cell Biology, 2022, , 267-278.	1.1	10
16	Toward understanding the role of G-protein signaling. Current Opinion in Endocrine and Metabolic Research, 2021, 16, 51-55.	1.4	2
17	Phenotypic evaluation of constitutive GPCR/G-protein signaling in zebrafish embryos and larvae. Biochemical and Biophysical Research Communications, 2022, 602, 70-76.	2.1	0