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List of Publications by Year
in descending order

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25 papers	2,366 citations	394421 19 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	2930 citing authors

#	Article	IF	Citations
1	Allosteric nanobodies reveal the dynamic range and diverse mechanisms of G-protein-coupled receptor activation. Nature, 2016, 535, 448-452.	27.8	290
2	Structure of the M2 muscarinic receptorâ€“Î²-arrestin complex in a lipid nanodisc. Nature, 2020, 579, 297-302.	27.8	238
3	Multidimensional Tracking of GPCR Signaling via Peroxidase-Catalyzed Proximity Labeling. Cell, 2017, 169, 338-349.e11.	28.9	221
4	Angiotensin Analogs with Divergent Bias Stabilize Distinct Receptor Conformations. Cell, 2019, 176, 468-478.e11.	28.9	194
5	Molecular mechanism of biased signaling in a prototypical G proteinâ€“coupled receptor. Science, 2020, 367, 881-887.	12.6	168
6	Angiotensin and biased analogs induce structurally distinct active conformations within a GPCR. Science, 2020, 367, 888-892.	12.6	150
7	Conformational Basis of G Protein-Coupled Receptor Signaling Versatility. Trends in Cell Biology, 2020, 30, 736-747.	7.9	147
8	Distinctive Activation Mechanism for Angiotensin Receptor Revealed by a Synthetic Nanobody. Cell, 2019, 176, 479-490.e12.	28.9	143
9	Regulation ofÎ²₂-Adrenergic Receptor Function by Conformationally Selective Single-Domain Intrabodies. Molecular Pharmacology, 2014, 85, 472-481.	2.3	121
10	Allosteric â€œbeta-blockerâ€•isolated from a DNA-encoded small molecule library. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1708-1713.	7.1	118
11	Reiterative Recombination for the in vivo assembly of libraries of multigene pathways. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15135-15140.	7.1	96
12	Small-Molecule Positive Allosteric Modulators of theÎ²₂-Adrenoceptor Isolated from DNA-Encoded Libraries. Molecular Pharmacology, 2018, 94, 850-861.	2.3	66
13	Discovery of Î²2 Adrenergic Receptor Ligands Using Biosensor Fragment Screening of Tagged Wild-Type Receptor. ACS Medicinal Chemistry Letters, 2013, 4, 1005-1010.	2.8	65
14	Conformationally selective RNA aptamers allosterically modulate the Î²2-adrenoceptor. Nature Chemical Biology, 2016, 12, 709-716.	8.0	65
15	Rapid generation of potent antibodies by autonomous hypermutation in yeast. Nature Chemical Biology, 2021, 17, 1057-1064.	8.0	59
16	Sortase ligation enables homogeneous GPCR phosphorylation to reveal diversity in Î²-arrestin coupling. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3834-3839.	7.1	57
17	G proteinâ€“coupled receptor kinases (GRKs) orchestrate biased agonism at the Î² ₂ -adrenergic receptor. Science Signaling, 2018, 11, .	3.6	47
18	Detergent- and phospholipid-based reconstitution systems have differential effects on constitutive activity of G-proteinâ€“coupled receptors. Journal of Biological Chemistry, 2019, 294, 13218-13223.	3.4	38

#	Article	IF	Citations
19	Synthetic nanobodies as angiotensin receptor blockers. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20284-20291.	7.1	35
20	Î²-Arrestinâ€“Biased Angiotensin II Receptor Agonists for COVID-19. Circulation, 2020, 142, 318-320.	1.6	19
21	Gene Assembly and Combinatorial Libraries in S. cerevisiae via Reiterative Recombination. Methods in Molecular Biology, 2013, 978, 187-203.	0.9	5
22	A Library Approach for the Discovery of Customized Yeast Threeâ€Hybrid Counter Selections. ChemBioChem, 2011, 12, 715-717.	2.6	4
23	Transcriptional regulation improves the throughput of threeâ€hybrid counter selections in Saccharomyces cerevisiae. Biotechnology Journal, 2013, 8, 1485-1491.	3.5	4
24	Molecular Mechanism of Biased Signaling in a Prototypical G-protein-coupled Receptor. Biophysical Journal, 2020, 118, 162a.	0.5	4
25	Targeting Î²-arrestin2 Enhances Survival in a Murine Model of Chronic Myeloid Leukemia. Blood, 2013, 122, 857-857.	1.4	0