Daniel Wacker

List of Publications by Year
in descending order

17 papers	3,523 citations	623734 14 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	5093 citing authors

#	Article	IF	Citations
1	Artificial intelligence and machine learning–aided drug discovery in central nervous system diseases: State–of–the–arts and future directions. Medicinal Research Reviews, 2021, 41, 1427-1473.	10.5	120
2	Inside Back Cover Image, Volume 41, Issue 3. Medicinal Research Reviews, 2021, 41, iii.	10.5	0
3	Structure of a Hallucinogen-Activated Gq-Coupled 5-HT2A Serotonin Receptor. Cell, 2020, 182, 1574-1588.e19.	28.9	270
4	Nanobody-enabled monitoring of kappa opioid receptor states. Nature Communications, 2020, 11, 1145.	12.8	93
5	A Novel Cryo-EM Structure Enables Development of Selective Cannabinoid Receptor Drugs. Biochemistry, 2020, 59, 1643-1644.	2.5	1
6	VEGAS as a Platform for Facile Directed Evolution in Mammalian Cells. Cell, 2019, 178, 748-761.e17.	28.9	68
7	5-HT2C Receptor Structures Reveal the Structural Basis of GPCR Polypharmacology. Cell, 2018, 172, 719-730.e14.	28.9	185
8	Structure of the D2 dopamine receptor bound to the atypical antipsychotic drug risperidone. Nature, 2018, 555, 269-273.	27.8	341
9	Structure of the Nanobody-Stabilized Active State of the Kappa Opioid Receptor. Cell, 2018, 172, 55-67.e15.	28.9	299
10	Crystal Structure of an LSD-Bound Human Serotonin Receptor. Cell, 2017, 168, 377-389.e12.	28.9	340
11	D_4 dopamine receptor high-resolution structures enable the discovery of selective agonists. Science, 2017, 358, 381-386.	12.6	176
12	How Ligands Illuminate GPCR Molecular Pharmacology. Cell, 2017, 170, 414-427.	28.9	419
13	Structural insights into the extracellular recognition of the human serotonin 2B receptor by an antibody. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8223-8228.	7.1	54
14	An alerting structure: human orexin receptor 1. Nature Structural and Molecular Biology, 2016, 23, 265-266.	8.2	4
15	Lipidic cubic phase injector facilitates membrane protein serial femtosecond crystallography. Nature Communications, 2014, 5, 3309.	12.8	505
16	Femtosecond crystallography of membrane proteins in the lipidic cubic phase. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130314.	4.0	45
17	Structural Features for Functional Selectivity at Serotonin Receptors. Science, 2013, 340, 615-619.	12.6	600