

# Daniel Wacker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9551757/publications.pdf>

Version: 2024-02-01

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