

Aaron A Thompson

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/12200311/aaron-a-thompson-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

2,924
citations

12
h-index

13
g-index

13
ext. papers

3,257
ext. citations

17.4
avg. IF

4.42
L-index

#	Paper	IF	Citations
13	Method for rapid optimization of recombinant GPCR protein expression and stability using virus-like particles. <i>Protein Expression and Purification</i> , 2017 , 133, 41-49	2	6
12	The Importance of Ligand-Receptor Conformational Pairs in Stabilization: Spotlight on the N/OFG Protein-Coupled Receptor. <i>Structure</i> , 2015 , 23, 2291-2299	5.2	53
11	Molecular control of μ opioid receptor signalling. <i>Nature</i> , 2014 , 506, 191-6	50.4	355
10	Fusion partner toolchest for the stabilization and crystallization of G protein-coupled receptors. <i>Structure</i> , 2012 , 20, 967-76	5.2	272
9	Structural basis for allosteric regulation of GPCRs by sodium ions. <i>Science</i> , 2012 , 337, 232-6	33.3	714
8	Structure of the nociceptin/orphanin FQ receptor in complex with a peptide mimetic. <i>Nature</i> , 2012 , 485, 395-9	50.4	383
7	Structure of the human μ opioid receptor in complex with JDTic. <i>Nature</i> , 2012 , 485, 327-32	50.4	695
6	GPCR stabilization using the bicelle-like architecture of mixed sterol-detergent micelles. <i>Methods</i> , 2011 , 55, 310-7	4.6	66
5	Structural characterization of three novel hydroxamate-based zinc chelating inhibitors of the Clostridium botulinum serotype A neurotoxin light chain metalloprotease reveals a compact binding site resulting from 60/70 loop flexibility. <i>Biochemistry</i> , 2011 , 50, 4019-28	3.2	25
4	Analysis of flavivirus NS5 methyltransferase cap binding. <i>Journal of Molecular Biology</i> , 2009 , 385, 1643-54	5.5	76
3	Stabilization of poliovirus polymerase by NTP binding and fingers-thumb interactions. <i>Journal of Molecular Biology</i> , 2007 , 366, 1459-74	6.5	54
2	Nucleotide channel of RNA-dependent RNA polymerase used for intermolecular uridylylation of protein primer. <i>Journal of Molecular Biology</i> , 2006 , 357, 665-75	6.5	26
1	Structural basis for proteolysis-dependent activation of the poliovirus RNA-dependent RNA polymerase. <i>EMBO Journal</i> , 2004 , 23, 3462-71	13	199