

Aaron A Thompson

List of Publications by Citations

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Version: 2024-04-20

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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	Structural basis for allosteric regulation of GPCRs by sodium ions. <i>Science</i> , 2012 , 337, 232-6	33.3	714
12	Structure of the human μ opioid receptor in complex with JDTic. <i>Nature</i> , 2012 , 485, 327-32	50.4	695
11	Structure of the nociceptin/orphanin FQ receptor in complex with a peptide mimetic. <i>Nature</i> , 2012 , 485, 395-9	50.4	383
10	Molecular control of μ opioid receptor signalling. <i>Nature</i> , 2014 , 506, 191-6	50.4	355
9	Fusion partner toolchest for the stabilization and crystallization of G protein-coupled receptors. <i>Structure</i> , 2012 , 20, 967-76	5.2	272
8	Structural basis for proteolysis-dependent activation of the poliovirus RNA-dependent RNA polymerase. <i>EMBO Journal</i> , 2004 , 23, 3462-71	13	199
7	Analysis of flavivirus NS5 methyltransferase cap binding. <i>Journal of Molecular Biology</i> , 2009 , 385, 1643-54	5.5	76
6	GPCR stabilization using the bicelle-like architecture of mixed sterol-detergent micelles. <i>Methods</i> , 2011 , 55, 310-7	4.6	66
5	Stabilization of poliovirus polymerase by NTP binding and fingers-thumb interactions. <i>Journal of Molecular Biology</i> , 2007 , 366, 1459-74	6.5	54
4	The Importance of Ligand-Receptor Conformational Pairs in Stabilization: Spotlight on the N/OFQ G Protein-Coupled Receptor. <i>Structure</i> , 2015 , 23, 2291-2299	5.2	53
3	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
2	Structural characterization of three novel hydroxamate-based zinc chelating inhibitors of the <i>Clostridium botulinum</i> 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
1	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