

# Matthew T Eddy

## List of Publications by Year in descending order

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18  
papers

789  
citations

933447

10  
h-index

1058476

14  
g-index

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18  
docs citations

18  
times ranked

899  
citing authors

#	ARTICLE	IF	CITATIONS
1	GPCR drug discovery: integrating solution NMR data with crystal and cryo-EM structures. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 59-82.	46.4	179
2	Allosteric Coupling of Drug Binding and Intracellular Signaling in the A2A Adenosine Receptor. <i>Cell</i> , 2018, 172, 68-80.e12.	28.9	173
3	Structural Connection between Activation Microswitch and Allosteric Sodium Site in GPCR Signaling. <i>Structure</i> , 2018, 26, 259-269.e5.	3.3	134
4	A <sub>2A</sub> adenosine receptor functional states characterized by <sup>19</sup> F-NMR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12733-12738.	7.1	96
5	Adenosine A <sub>2A</sub> receptor antagonists: from caffeine to selective non-xanthines. <i>British Journal of Pharmacology</i> , 2022, 179, 3496-3511.	5.4	48
6	<sup>12</sup> C-Adrenergic Receptor Conformational Response to Fusion Protein in the Third Intracellular Loop. <i>Structure</i> , 2016, 24, 2190-2197.	3.3	43
7	Extrinsic Tryptophans as NMR Probes of Allosteric Coupling in Membrane Proteins: Application to the A <sub>2A</sub> Adenosine Receptor. <i>Journal of the American Chemical Society</i> , 2018, 140, 8228-8235.	13.7	41
8	A2A Adenosine Receptor Partial Agonism Related to Structural Rearrangements in an Activation Microswitch. <i>Structure</i> , 2021, 29, 170-176.e3.	3.3	30
9	Slow conformational dynamics of the human A2A adenosine receptor are temporally ordered. <i>Structure</i> , 2022, 30, 329-337.e5.	3.3	17
10	Production of human A2AAR in lipid nanodiscs for <sup>19</sup> F-NMR and single-molecule fluorescence spectroscopy. <i>STAR Protocols</i> , 2022, 3, 101535.	1.2	12
11	Production of a Human Histamine Receptor for NMR Spectroscopy in Aqueous Solutions. <i>Biomolecules</i> , 2021, 11, 632.	4.0	5
12	Structural biology of human GPCR drugs and endogenous ligands - insights from NMR spectroscopy. <i>Methods</i> , 2020, 180, 79-88.	3.8	4
13	Membranes, peptides, and disease: Unraveling the mechanisms of viral proteins with solid state nuclear magnetic resonance spectroscopy. <i>Solid State Nuclear Magnetic Resonance</i> , 2014, 61-62, 1-7.	2.3	3
14	NMR Spectroscopic Studies of Ion Channels in Lipid Bilayers: Sample Preparation Strategies Exemplified by the Voltage Dependent Anion Channel. <i>Methods in Molecular Biology</i> , 2021, 2302, 201-217.	0.9	3
15	GPCR drug discovery: integrating solution NMR data with crystal and cryo-EM structures. , 2021, , 197-220.		1
16	Structural Insights into Activation of a Human G Protein-Coupled Receptor by Membrane Phospholipids. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
17	Allosteric Coupling of Drug Binding and Intracellular Signaling in the A2A Adenosine Receptor. , 2021, , 184-196.		0
18	Globally Monitoring Allosteric Coupling in the A <sub>2A</sub> Adenosine Receptor by NMR in Solution. <i>FASEB Journal</i> , 2018, 32, 533-99.	0.5	0