

Patrick M Giguère

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,415
citations

840776

11
h-index

839539

18
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all docs

19
docs citations

19
times ranked

2786
citing authors

#	ARTICLE	IF	CITATIONS
1	PRESTO-Tango as an open-source resource for interrogation of the druggable human GPCRome. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 362-369.	8.2	535
2	Molecular control of $\hat{\nu}$ -opioid receptor signalling. <i>Nature</i> , 2014, 506, 191-196.	27.8	432
3	Structural basis for bifunctional peptide recognition at human $\hat{\nu}$ -opioid receptor. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 265-268.	8.2	151
4	DREADDs: novel tools for drug discovery and development. <i>Drug Discovery Today</i> , 2014, 19, 469-473.	6.4	75
5	Relative Ratios of Human Seasonal Coronavirus Antibodies Predict the Efficiency of Cross-Neutralization of SARS-CoV-2 Spike Binding to ACE2. <i>EBioMedicine</i> , 2021, 74, 103700.	6.1	37
6	A Non-Canonical Function of \hat{G}^{12} as a Subunit of E3 Ligase in Targeting GRK2 \hat{U} biquitylation. <i>Molecular Cell</i> , 2015, 58, 794-803.	9.7	30
7	Further Advances in Optimizing (2-Phenylcyclopropyl)methylamines as Novel Serotonin 2C Agonists: Effects on Hyperlocomotion, Prepulse Inhibition, and Cognition Models. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 578-591.	6.4	26
8	Tuning up the right signal: chemical and genetic approaches to study GPCR functions. <i>Current Opinion in Cell Biology</i> , 2014, 27, 51-55.	5.4	23
9	Propagation of the Allosteric Modulation Induced by Sodium in the $\hat{\nu}$ -Opioid Receptor. <i>Chemistry - A European Journal</i> , 2017, 23, 4615-4624.	3.3	20
10	Identification of a High-Frequency Intra-host SARS-CoV-2 Spike Variant with Enhanced Cytopathic and Fusogenic Effects. <i>MBio</i> , 2021, 12, e0078821.	4.1	19
11	Design and synthesis of (2-(5-chloro-2,2-dimethyl-2,3-dihydrobenzofuran-7-yl)cyclopropyl)methanamine as a selective serotonin 2C agonist. <i>Tetrahedron Letters</i> , 2015, 56, 3420-3422.	1.4	15
12	Ebola virus triggers receptor tyrosine kinase-dependent signaling to promote the delivery of viral particles to entry-conducive intracellular compartments. <i>PLoS Pathogens</i> , 2021, 17, e1009275.	4.7	11
13	Parallel Interrogation of $\hat{\nu}$ -Arrestin2 Recruitment for Ligand Screening on a GPCR-Wide Scale using PRESTO-Tango Assay. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	9
14	Molecular aspects of delta opioid receptors. <i>Vitamins and Hormones</i> , 2019, 111, 49-90.	1.7	7
15	Measurement of $\hat{\nu}$ -Arrestin Recruitment at GPCRs Using the Tango Assay. <i>Methods in Molecular Biology</i> , 2019, 1947, 257-267.	0.9	6
16	Structural analysis of <i>Atopobium parvulum</i> SufS cysteine desulfurase linked to Crohn's disease. <i>FEBS Letters</i> , 2022, 596, 898-909.	2.8	5
17	Identification of FDA-approved Bifonazole as SARS-CoV-2 blocking agent following a bioreporter drug screen. <i>Molecular Therapy</i> , 2022, , .	8.2	5
18	Functional Characterization of Sodium Channel Inhibitors at the Delta-Opioid Receptor. <i>ACS Omega</i> , 2022, 7, 16939-16951.	3.5	5