

Michael P Hayes

List of Publications by Year in descending order

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16
papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	Bias Analyses of Preclinical and Clinical D ₂ Dopamine Ligands: Studies with Immediate and Complex Signaling Pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 352, 480-493.	2.5	37
2	New functional activity of aripiprazole revealed: Robust antagonism of D2 dopamine receptor-stimulated G $\beta\gamma$ signaling. <i>Biochemical Pharmacology</i> , 2015, 93, 85-91.	4.4	32
3	A Novel CRISPR/Cas9-Based Cellular Model to Explore Adenylyl Cyclase and cAMP Signaling. <i>Molecular Pharmacology</i> , 2018, 94, 963-972.	2.3	23
4	Natural Products Discovered in a High-Throughput Screen Identified as Inhibitors of RGS17 and as Cytostatic and Cytotoxic Agents for Lung and Prostate Cancer Cell Lines. <i>Journal of Natural Products</i> , 2017, 80, 1992-2000.	3.0	21
5	Development of a bimolecular luminescence complementation assay for RGS: G protein interactions in cells. <i>Analytical Biochemistry</i> , 2017, 522, 10-17.	2.4	19
6	Identification of FDA-Approved Small Molecules Capable of Disrupting the Calmodulin-Adenylyl Cyclase 8 Interaction through Direct Binding to Calmodulin. <i>ACS Chemical Neuroscience</i> , 2018, 9, 346-357.	3.5	19
7	Identification of Novel Adenylyl Cyclase 5 (AC5) Signaling Networks in D1 and D2 Medium Spiny Neurons using Bimolecular Fluorescence Complementation Screening. <i>Cells</i> , 2019, 8, 1468.	4.1	15
8	Regulator of G Protein Signaling 17 as a Negative Modulator of GPCR Signaling in Multiple Human Cancers. <i>AAPS Journal</i> , 2016, 18, 550-559.	4.4	14
9	Receptor Surface Models in the Classroom: Introducing Molecular Modeling to Students in a 3-D World. <i>Journal of Chemical Education</i> , 2007, 84, 979.	2.3	10
10	Evaluation of the Selectivity and Cysteine Dependence of Inhibitors across the Regulator of G Protein Signaling Family. <i>Molecular Pharmacology</i> , 2018, 93, 25-35.	2.3	10
11	Genome-Wide Small Interfering RNA Screening Reveals a Role for Cullin3-Really Interesting New Gene Ligase Signaling in Heterologous Sensitization of Adenylyl Cyclase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 372, 267-276.	2.5	4
12	Screen Targeting Lung and Prostate Cancer Oncogene Identifies Novel Inhibitors of RGS17 and Problematic Chemical Substructures. <i>SLAS Discovery</i> , 2018, 23, 363-374.	2.7	3
13	Halogen-Dance-Based Synthesis of Phosphonomethoxyethyl (PME) Substituted 2-Aminothiazoles as Potent Inhibitors of Bacterial Adenylate Cyclases. <i>ChemMedChem</i> , 2022, 17, .	3.2	3
14	Optimization of a Pyrimidinone Series for Selective Inhibition of Ca ²⁺ /Calmodulin-Stimulated Adenylyl Cyclase 1 Activity for the Treatment of Chronic Pain. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4667-4686.	6.4	3
15	High-resolution structure of RGS17 suggests a role for Ca ²⁺ in promoting the GTPase-activating protein activity by RZ subfamily members. <i>Journal of Biological Chemistry</i> , 2019, 294, 8148-8160.	3.4	2
16	Fragment-Based Nuclear Magnetic Resonance Screen against a Regulator of G Protein Signaling Identifies a Binding Hot Spot. <i>ChemBioChem</i> , 2021, 22, 1609-1620.	2.6	2