Michael P Hayes

List of Publications by Year
in descending order

16 papers	217 citations	1040056 9 h-index	1058476 14 g-index
16 all docs	16 docs citations	16 times ranked	386 citing authors

#	Article	IF	Citations
1	Halogen‐Dance‐Based Synthesis of Phosphonomethoxyethyl (PME) Substituted 2‐Aminothiazoles as Potent Inhibitors of Bacterial Adenylate Cyclases. ChemMedChem, 2022, 17, .	3.2	3
2	Optimization of a Pyrimidinone Series for Selective Inhibition of Ca^{2+}/Calmodulin-Stimulated Adenylyl Cyclase 1 Activity for the Treatment of Chronic Pain. Journal of Medicinal Chemistry, 2022, 65, 4667-4686.	6.4	3
3	Fragment‐Based Nuclear Magnetic Resonance Screen against a Regulator of G Protein Signaling Identifies a Binding "Hot Spot". ChemBioChem, 2021, 22, 1609-1620.	2.6	2
4	Genome-Wide Small Interfering RNA Screening Reveals a Role for Cullin3‐Really Interesting New Gene Ligase Signaling in Heterologous Sensitization of Adenylyl Cyclase. Journal of Pharmacology and Experimental Therapeutics, 2020, 372, 267-276.	2.5	4
5	High-resolution structure of RGS17 suggests a role for Ca2+ in promoting the GTPase-activating protein activity by RZ subfamily members. Journal of Biological Chemistry, 2019, 294, 8148-8160.	3.4	2
6	Identification of Novel Adenylyl Cyclase 5 (AC5) Signaling Networks in D1 and D2 Medium Spiny Neurons using Bimolecular Fluorescence Complementation Screening. Cells, 2019, 8, 1468.	4.1	15
7	Screen Targeting Lung and Prostate Cancer Oncogene Identifies Novel Inhibitors of RGS17 and Problematic Chemical Substructures. SLAS Discovery, 2018, 23, 363-374.	2.7	3
8	Evaluation of the Selectivity and Cysteine Dependence of Inhibitors across the Regulator of G Protein‐Signaling Family. Molecular Pharmacology, 2018, 93, 25-35.	2.3	10
9	Identification of FDA-Approved Small Molecules Capable of Disrupting the Calmodulin‐Adenylyl Cyclase 8 Interaction through Direct Binding to Calmodulin. ACS Chemical Neuroscience, 2018, 9, 346-357.	3.5	19
10	A Novel CRISPR/Cas9-Based Cellular Model to Explore Adenylyl Cyclase and cAMP Signaling. Molecular Pharmacology, 2018, 94, 963-972.	2.3	23
11	Development of a bimolecular luminescence complementation assay for RGS: G protein interactions in cells. Analytical Biochemistry, 2017, 522, 10-17.	2.4	19
12	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. Journal of Natural Products, 2017, 80, 1992-2000.	3.0	21
13	Regulator of G Protein Signaling 17 as a Negative Modulator of GPCR Signaling in Multiple Human Cancers. AAPS Journal, 2016, 18, 550-559.	4.4	14
14	Bias Analyses of Preclinical and Clinical D_2 Dopamine Ligands: Studies with Immediate and Complex Signaling Pathways. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 480-493.	2.5	37
15	New functional activity of aripiprazole revealed: Robust antagonism of D2 dopamine receptor-stimulated Gβγ signaling. Biochemical Pharmacology, 2015, 93, 85-91.	4.4	32
16	Receptor Surface Models in the Classroom: Introducing Molecular Modeling to Students in a 3-D World. Journal of Chemical Education, 2007, 84, 979.	2.3	10