Michael Gajhede

List of Publications by Year
in descending order

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32	712	516215 16	552369 26
papers	citations	h-index	g-index

35	35	35	1118
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibitors of histone demethylases. Bioorganic and Medicinal Chemistry, 2011, 19, 3625-3636.	1.4	91
2	Studies of H3K4me3 demethylation by KDM5B/Jarid1B/PLU1 reveals strong substrate recognition inâ€ƒvitro and identifies 2,4â€pyridineâ€dicarboxylic acid as an inâ€ƒvitro and inâ€ƒcell inhibitor. FEBS Journal, 2012, 279, 1905-1914.	2.2	64
3	Intersubunit Bridge Formation Governs Agonist Efficacy at Nicotinic Acetylcholine Î±4Î²2 Receptors. Journal of Biological Chemistry, 2012, 287, 4248-4259.	1.6	42
4	Two Distinct Allosteric Binding Sites at Î±4Î²2 Nicotinic Acetylcholine Receptors Revealed by NS206 and NS9283 Give Unique Insights to Binding Activity-associated Linkage at Cys-loop Receptors. Journal of Biological Chemistry, 2013, 288, 35997-36006.	1.6	40
5	Targeting Histone Lysine Demethylases by Truncating the Histoneâ€…3 Tail to Obtain Selective Substrateâ€Based Inhibitors. Angewandte Chemie - International Edition, 2011, 50, 9100-9103.	7.2	39
6	Molecular Recognition of the Neurotransmitter Acetylcholine by an Acetylcholine Binding Protein Reveals Determinants of Binding to Nicotinic Acetylcholine Receptors. PLoS ONE, 2014, 9, e91232.	1.1	36
7	Structural and Functional Studies of the Modulator NS9283 Reveal Agonist-like Mechanism of Action at Î±4Î²2 Nicotinic Acetylcholine Receptors. Journal of Biological Chemistry, 2014, 289, 24911-24921.	1.6	36
8	Structural Studies of Nicotinic Acetylcholine Receptors: Using Acetylcholineâ€Binding Protein as a Structural Surrogate. Basic and Clinical Pharmacology and Toxicology, 2016, 118, 399-407.	1.2	33
9	Deconstructing Noncovalent Kelch-like ECH-Associated Protein 1 (Keap1) Inhibitors into Fragments to Reconstruct New Potent Compounds. Journal of Medicinal Chemistry, 2021, 64, 4623-4661.	2.9	30
10	Molecular Determinants of Subtype-selective Efficacies of Cytisine and the Novel Compound NS3861 at Heteromeric Nicotinic Acetylcholine Receptors. Journal of Biological Chemistry, 2013, 288, 2559-2570.	1.6	26
11	Pharmacology and Structural Analysis of Ligand Binding to the Orthosteric Site of Glutamate-Like GluD2 Receptors. Molecular Pharmacology, 2016, 89, 253-262.	1.0	26
12	Acetylcholine-Binding Protein Engineered to Mimic the Î±4-Î±4 Binding Pocket in Î±4Î²2 Nicotinic Acetylcholine Receptors Reveals Interface Specific Interactions Important for Binding and Activity. Molecular Pharmacology, 2015, 88, 697-707.	1.0	24
13	Engineered Î±4Î²2 nicotinic acetylcholine receptors as models for measuring agonist binding and effect at the orthosteric low-affinity Î±4â€“Î±4 interface. Neuropharmacology, 2015, 92, 135-145.	2.0	23
14	The prototypical proton-coupled oligopeptide transporter YdgR from Escherichia coli facilitates chloramphenicol uptake into bacterial cells. Journal of Biological Chemistry, 2018, 293, 1007-1017.	1.6	23
15	Lysine demethylase inhibition protects pancreatic Î² cells from apoptosis and improves Î²-cell function. Molecular and Cellular Endocrinology, 2018, 460, 47-56.	1.6	22
16	Structural Basis of Histone Demethylase KDM6B Histone 3 Lysine 27 Specificity. Biochemistry, 2018, 57, 585-592.	1.2	18
17	Enzyme kinetic studies of histone demethylases KDM4C and KDM6A: Towards understanding selectivity of inhibitors targeting oncogenic histone demethylases. FEBS Letters, 2011, 585, 1951-1956.	1.3	17
18	Several hPepT1-transported drugs are substrates of the Escherichia coli proton-coupled oligopeptide transporter YdgR. Research in Microbiology, 2017, 168, 443-449.	1.0	17

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19	Molecular architecture of the Jumonji C family histone demethylase KDM5B. Scientific Reports, 2019, 9, 4019.	1.6	16
20	The low binding affinity of D-serine at the ionotropic glutamate receptor GluD2 can be attributed to the hinge region. Scientific Reports, 2017, 7, 46145.	1.6	15
21	The Pyrazolo[3,4-d]pyrimidine Derivative, SCO-201, Reverses Multidrug Resistance Mediated by ABCG2/BCRP. Cells, 2020, 9, 613.	1.8	13
22	Structureâ€Based Design of a New Scaffold for Cellâ€Penetrating Peptidic Inhibitors of the Histone Demethylase PHF8. ChemBioChem, 2017, 18, 1369-1375.	1.3	9
23	Binding of a negative allosteric modulator and competitive antagonist can occur simultaneously at the ionotropic glutamate receptor GluA2. FEBS Journal, 2021, 288, 995-1007.	2.2	9
24	Reversal of ABCG2/BCRP-Mediated Multidrug Resistance by 5,3â€²,5â€²-Trihydroxy-3,6,7,4â€²-Tetramethoxyflavone Isolated from the Australian Desert Plant Eremophila galeata Chinnock. Biomolecules, 2021, 11, 1534.	1.8	8
25	Structure and binding properties of a cameloid nanobody raised against KDM5B. Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 1235-1241.	0.4	6
26	Human proton coupled folic acid transporter is a monodisperse oligomer in the lauryl maltose neopentyl glycol solubilized state. Biochemical and Biophysical Research Communications, 2018, 495, 1738-1743.	1.0	6
27	Expression, purification and characterization of the human MTA2-RBBP7 complex. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 531-538.	1.1	5
28	Molecular Dynamics Simulations Reveal the Proton:Peptide Coupling Mechanism in the Bacterial Proton-Coupled Oligopeptide Transporter YbgH. ACS Omega, 2019, 4, 2040-2046.	1.6	3
29	Lipid-bound ApoE3 self-assemble into elliptical disc-shaped particles. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183495.	1.4	3
30	Peptides Derived from Histone 3 and Modified at Position 18 Inhibit Histone Demethylase KDM6 Enzymes. ChemBioChem, 2018, 19, 1817-1822.	1.3	2
31	Expression, purification and characterization of human proton-coupled oligopeptide transporter 1 hPEPT1. Protein Expression and Purification, 2021, 190, 105990.	0.6	2
32	Modulation of Î±4Î²2 NACHRs via an extracellular binding site: Structural studies and novel engineered receptors to aid drug discovery. Biochemical Pharmacology, 2015, 97, 623-624.	2.0	0