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List of Publications by Year
in descending order

Version: 2024-02-01

24 papers	396 citations	840776 11 h-index	752698 20 g-index
25 all docs	25 docs citations	25 times ranked	588 citing authors

#	Article	IF	Citations
1	Abolishing Dopamine D_{2long}/D₃ Receptor Affinity of Subtype-Selective Carbamoylguanidine-Type Histamine H₂ Receptor Agonists. Journal of Medicinal Chemistry, 2021, 64, 8684-8709.	6.4	8
2	Label-Free Investigations on the G Protein Dependent Signaling Pathways of Histamine Receptors. International Journal of Molecular Sciences, 2021, 22, 9739.	4.1	7
3	Shining light on the histamine H2 receptor: Synthesis of carbamoylguanidine-type agonists as a pharmacological tool to study internalization. Bioorganic and Medicinal Chemistry Letters, 2021, 52, 128388.	2.2	0
4	Specific Engineered G Protein Coupling to Histamine Receptors Revealed from Cellular Assay Experiments and Accelerated Molecular Dynamics Simulations. International Journal of Molecular Sciences, 2021, 22, 10047.	4.1	4
5	A Dynamic, Split-Luciferase-Based Mini-G Protein Sensor to Functionally Characterize Ligands at All Four Histamine Receptor Subtypes. International Journal of Molecular Sciences, 2020, 21, 8440.	4.1	20
6	Structureâ€“Activity Relationships and Computational Investigations into the Development of Potent and Balanced Dual-Acting Butyrylcholinesterase Inhibitors and Human Cannabinoid Receptor 2 Ligands with Pro-Cognitive in Vivo Profiles. Journal of Medicinal Chemistry, 2018, 61, 1646-1663.	6.4	50
7	The First Photochromic Affinity Switch for the Human Cannabinoid Receptor 2. Advanced Therapeutics, 2018, 1, 1700032.	3.2	20
8	Competitive association binding kinetic assays: a new tool to detect two different binding orientations of a ligand to its target protein under distinct conditions?. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 595-612.	3.0	5
9	Molecular Modelling Approaches for the Analysis of Histamine Receptors and Their Interaction with Ligands. Handbook of Experimental Pharmacology, 2017, 241, 31-61.	1.8	3
10	Aminobenzimidazoles and Structural Isomers as Templates for Dualâ€Acting Butyrylcholinesterase Inhibitors and hCB₂R Ligands To Combat Neurodegenerative Disorders. ChemMedChem, 2016, 11, 1270-1283.	3.2	28
11	Conformational Restriction and Enantioseparation Increase Potency and Selectivity of Cyanoguanidine-Type Histamine H₄ Receptor Agonists. Journal of Medicinal Chemistry, 2016, 59, 3452-3470.	6.4	9
12	Dibenzo[b , f][1,4]oxazepines and dibenzo[b , e]oxepines: Influence of the chlorine substitution pattern on the pharmacology at the H 1 R, H 4 R, 5-HT 2A R and other selected GPCRs. Pharmacological Research, 2016, 113, 610-625.	7.1	11
13	2,4-Diaminopyrimidines as dual ligands at the histamine H 1 and H 4 receptorâ€”H 1 /H 4 -receptor selectivity. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 292-300.	2.2	11
14	Binding pathway of histamine to the hH4R, observed by unconstrained molecular dynamics. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1259-1268.	2.2	12
15	Structure-Dependent Deconjugation of Flavonoid Glucuronides by Human Î²-Glucuronidase â€“ In Vitro and In Silico Analyses. Planta Medica, 2015, 81, 1182-1189.	1.3	3
16	Synthesis, Biological Evaluation, and Computational Studies of Tri- and Tetracyclic Nitrogen-Bridgehead Compounds as Potent Dual-Acting AChE Inhibitors and hH₃ Receptor Antagonists. ACS Chemical Neuroscience, 2014, 5, 225-242.	3.5	67
17	Mathematical analysis of the sodium sensitivity of the human histamine H3 receptor. In Silico Pharmacology, 2014, 2, 1.	3.3	16
18	Distinct interactions between the human adrenergic Î²2 receptor and GÎ±sâ€”an in silico study. Journal of Molecular Modeling, 2010, 16, 1307-1318.	1.8	6

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19	In silico analysis of the histaprodifen induced activation pathway of the guinea-pig histamine H1-receptor. Journal of Computer-Aided Molecular Design, 2010, 24, 759-769.	2.9	3
20	Comparison of the pharmacological properties of human and rat histamine H3-receptors. Biochemical Pharmacology, 2010, 80, 1437-1449.	4.4	27
21	Pharmacological Profile of Histaprodifens at Four Recombinant Histamine H₁Receptor Species Isoforms. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 60-71.	2.5	47
22	Analysis of the activation mechanism of the guinea-pig Histamine H1-receptor. Journal of Computer-Aided Molecular Design, 2007, 21, 499-509.	2.9	13
23	LigPath: a module for predictive calculation of a ligandâ€™s pathway into a receptor-application to the gpH1 - receptor. Journal of Molecular Modeling, 2006, 13, 209-218.	1.8	6
24	Striking differences of action of lisuride stereoisomers at histamine H1 receptors. Naunyn-Schmiedeberg's Archives of Pharmacology, 2006, 374, 215-222.	3.0	20