

Marcel Hibert

List of Publications by Year in descending order

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27
papers

1,259
citations

393982

19
h-index

525886

27
g-index

27
all docs

27
docs citations

27
times ranked

1434
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of G-protein-coupled receptors: application to dopamine, adrenaline, serotonin, acetylcholine, and mammalian opsin receptors. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 3448-3462.	2.9	435
2	Identification and pharmacological properties of E339â€“3D6, the first nonpeptidic apelin receptor agonist. <i>FASEB Journal</i> , 2010, 24, 1506-1517.	0.2	95
3	Small Neutralizing Molecules to Inhibit Actions of the Chemokine CXCL12. <i>Journal of Biological Chemistry</i> , 2008, 283, 23189-23199.	1.6	85
4	A novel, conformationâ€“specific allosteric inhibitor of the tachykinin NK2 receptor (NK2R) with functionally selective properties. <i>FASEB Journal</i> , 2007, 21, 2124-2134.	0.2	81
5	Neutralization of CXCL12 attenuates established pulmonary hypertension in rats. <i>Cardiovascular Research</i> , 2020, 116, 686-697.	1.8	54
6	Selective Fluorescent Nonpeptidic Antagonists For Vasopressin V ₂ GPCR: Application To Ligand Screening and Oligomerization Assays.. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8588-8602.	2.9	52
7	Time-Resolved FRET Binding Assay to Investigate Hetero-Oligomer Binding Properties: Proof of Concept with Dopamine D ₁ /D ₃ Heterodimer. <i>ACS Chemical Biology</i> , 2015, 10, 466-474.	1.6	39
8	Solid-Phase Preparation of a Pilot Library Derived from the 2,3,4,5-Tetrahydro-1H-benzo[b]azepin-5-amine Scaffold. <i>ACS Combinatorial Science</i> , 2007, 9, 487-500.	3.3	33
9	Fluorescent Derivatives of AC-42 To Probe Bitopic Orthosteric/Allosteric Binding Mechanisms on Muscarinic M1 Receptors. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 2125-2143.	2.9	33
10	LIT-001, the First Nonpeptide Oxytocin Receptor Agonist that Improves Social Interaction in a Mouse Model of Autism. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8670-8692.	2.9	33
11	An Antedrug of the CXCL12 Neutraligand Blocks Experimental Allergic Asthma without Systemic Effect in Mice. <i>Journal of Biological Chemistry</i> , 2013, 288, 11865-11876.	1.6	32
12	A Nonpeptide Oxytocin Receptor Agonist for a Durable Relief of Inflammatory Pain. <i>Scientific Reports</i> , 2020, 10, 3017.	1.6	31
13	Structureâ€“Activity Relationship Studies toward the Discovery of Selective Apelin Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2908-2919.	2.9	27
14	On the Use of Nonfluorescent Dye Labeled Ligands in FRET-Based Receptor Binding Studies. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7847-7859.	2.9	26
15	Prodrugs of a CXC Chemokine-12 (CXCL12) Neutraligand Prevent Inflammatory Reactions in an Asthma Model in Vivo. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 10-14.	1.3	26
16	Combinatorial Aid for Underprivileged Scaffolds: Solution and Solid-phase Strategies for a Rapid and Efficient Access To Novel Aza-diketopiperazines (Aza-DKP). <i>ACS Combinatorial Science</i> , 2012, 14, 323-334.	3.8	26
17	Discovery of a Locally and Orally Active CXCL12 Neutraligand (LIT-927) with Anti-inflammatory Effect in a Murine Model of Allergic Airway Hypereosinophilia. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 7671-7686.	2.9	26
18	A strategy to discover decoy chemokine ligands with an anti-inflammatory activity. <i>Scientific Reports</i> , 2015, 5, 14746.	1.6	22

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19	Subtlety of the Structure~Affinity and Structure~Efficacy Relationships around a Nonpeptide Oxytocin Receptor Agonist. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 1546-1562.	2.9	19
20	Selective Nonpeptidic Fluorescent Ligands for Oxytocin Receptor: Design, Synthesis, and Application to Time-Resolved FRET Binding Assay. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2547-2552.	2.9	19
21	Diastereoselective synthesis of novel aza-diketopiperazines <i>via</i> a domino cyclohydrocarbonylation/addition process. <i>Chemical Communications</i> , 2014, 50, 9657-9660.	2.2	15
22	Identification of Nonpeptide Oxytocin Receptor Ligands by Receptor~Ligand Fingerprint Similarity Search. <i>Molecular Informatics</i> , 2011, 30, 521-526.	1.4	14
23	From the Promiscuous Asenapine to Potent Fluorescent Ligands Acting at a Series of Aminergic G-Protein-Coupled Receptors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 174-188.	2.9	13
24	A step-economical multicomponent synthesis of 3D-shaped aza-diketopiperazines and their drug-like chemical space analysis. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8859-8863.	1.5	9
25	Comparative Study of the Synthesis and Structural and Physicochemical Properties of Diketopiperazines vs Aza-diketopiperazines. <i>Journal of Organic Chemistry</i> , 2017, 82, 3239-3244.	1.7	7
26	Versatile Synthetic Approach for Selective Diversification of Bicyclic Aza-Diketopiperazines. <i>ACS Omega</i> , 2018, 3, 15182-15192.	1.6	4
27	Why and how to find neutral ligands targeting chemokines?. <i>Drug Discovery Today: Technologies</i> , 2012, 9, e245-e251.	4.0	3