Ãlie Besserer-Offroy

List of Publications by Year
in descending order

31	757	706676 14	591227 27
papers	citations	h-index	g-index

33	33	33	1165
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Size-Reduced Macrocyclic Analogues of [Pyr¹]-apelin-13 Showing Negative GÎ±₁₂ Bias Still Produce Prolonged Cardiac Effects. Journal of Medicinal Chemistry, 2022, 65, 531-551.	2.9	7
2	Monitoring TRPC7 Conformational Changes by BRET Following GPCR Activation. International Journal of Molecular Sciences, 2022, 23, 2502.	1.8	1
3	Structural insights on ligand recognition at the human leukotriene B4 receptor 1. Nature Communications, 2021, 12, 2971.	5.8	13
4	Metabolically stable neurotensin analogs exert potent and long-acting analgesia without hypothermia. Behavioural Brain Research, 2021, 405, 113189.	1.2	6
5	Structure-Based Virtual Screening of Ultra-Large Library Yields Potent Antagonists for a Lipid GPCR. Biomolecules, 2020, 10, 1634.	1.8	16
6	Pain relief devoid of opioid side effects following central action of a silylated neurotensin analog. European Journal of Pharmacology, 2020, 882, 173174.	1.7	8
7	Data set describing the in vitro biological activity of JMV2009, a novel silylated neurotensin(8â€“13) analog. Data in Brief, 2020, 31, 105884.	0.5	2
8	Cell-penetrating pepducins targeting the neurotensin receptor type 1 relieve pain. Pharmacological Research, 2020, 155, 104750.	3.1	11
9	Assessing GÎ±q/15-signaling with IP-One: Single Plate Transfection and Assay Protocol for Cell-Based High-Throughput Assay. Bio-protocol, 2020, 10, e3715.	0.2	2
10	Structure-based mechanism of cysteinyl leukotriene receptor inhibition by antiasthmatic drugs. Science Advances, 2019, 5, eaax2518.	4.7	71
11	Structural basis of ligand selectivity and disease mutations in cysteinyl leukotriene receptors. Nature Communications, 2019, 10, 5573.	5.8	47
12	Sending out Biased Signals: an Appropriate Proposition for Pain?. Douleur Et Analgesie, 2019, 32, 108-110.	0.2	2
13	Apelin-13 Regulates Vasopressin-Induced Aquaporin-2 Expression and Trafficking in Kidney Collecting Duct Cells. Cellular Physiology and Biochemistry, 2019, 53, 687-700.	1.1	24
14	Angiotensin II cyclic analogs as tools to investigate AT1R biased signaling mechanisms. Biochemical Pharmacology, 2018, 154, 104-117.	2.0	9
15	In Search of the Optimal Macrocyclization Site for Neurotensin. ACS Medicinal Chemistry Letters, 2018, 9, 227-232.	1.3	10
16	The hypotensive effect of activated apelin receptor is correlated with Î²-arrestin recruitment. Pharmacological Research, 2018, 131, 7-16.	3.1	23
17	Label-free cell signaling pathway deconvolution of angiotensin type 1 receptor reveals time-resolved G-protein activity and distinct AngII and AngIIIIV responses. Pharmacological Research, 2018, 136, 108-120.	3.1	5
18	Structural Optimization and Characterization of Potent Analgesic Macrocyclic Analogues of Neurotensin (8â€“13). Journal of Medicinal Chemistry, 2018, 61, 7103-7115.	2.9	24

#	ARTICLE	IF	CITATIONS
19	Use of Molecular Modeling to Design Selective NTS2 Neurotensin Analogues. Journal of Medicinal Chemistry, 2017, 60, 3303-3313.	2.9	19
20	The signaling signature of the neurotensin type 1 receptor with endogenous ligands. European Journal of Pharmacology, 2017, 805, 1-13.	1.7	51
21	Structureâ€“activity relationship of novel macrocyclic biased apelin receptor agonists. Organic and Biomolecular Chemistry, 2017, 15, 449-458.	1.5	27
22	Design, synthesis, and biological evaluation of CXCR4 ligands. Organic and Biomolecular Chemistry, 2016, 14, 10298-10311.	1.5	19
23	Structureâ€“Activity Relationship and Signaling of New Chimeric CXCR4 Agonists. Journal of Medicinal Chemistry, 2016, 59, 7512-7524.	2.9	7
24	Identification of 2-({[1-(4-Fluorophenyl)-5-(2-methoxyphenyl)-1H-pyrazol-3-yl]carbonyl}amino)tricyclo[3.3.1.13,7]decane-2-carboxylic Acid (NTRC-844) as a Selective Antagonist for the Rat Neurotensin Receptor Type 2. ACS Chemical Neuroscience, 2016, 7, 1225-1231.	1.7	7
25	Stereoselective Synthesis of Î²â€(5â€Arylthiazolyl) Î±â€Amino Acids and Use in Neurotensin Analogues. European Journal of Organic Chemistry, 2016, 2016, 1017-1024.	1.2	13
26	Discovery and Structureâ€“Activity Relationship of a Bioactive Fragment of ELABELA that Modulates Vascular and Cardiac Functions. Journal of Medicinal Chemistry, 2016, 59, 2962-2972.	2.9	100
27	C-Terminal Modifications of Apelin-13 Significantly Change Ligand Binding, Receptor Signaling, and Hypotensive Action. Journal of Medicinal Chemistry, 2015, 58, 2431-2440.	2.9	48
28	Synthesis and Characterization in Vitro and in Vivo of (<scp>I</scp>)-(Trimethylsilyl)alanine Containing Neurotensin Analogues. Journal of Medicinal Chemistry, 2015, 58, 7785-7795.	2.9	30
29	Conjugation of a brain-penetrant peptide with neurotensin provides antinociceptive properties. Journal of Clinical Investigation, 2014, 124, 1199-1213.	3.9	88
30	Synthetic Agonists for the CXCR4 Receptor: SAR, Signaling Pathways and Peptidomimetic Transition. , 2013, , .		0
31	Elucidation of the Structureâ€“Activity Relationships of Apelin: Influence of Unnatural Amino Acids on Binding, Signaling, and Plasma Stability. ChemMedChem, 2012, 7, 318-325.	1.6	66