Santa Veiksina

List of Publications by Year
in descending order

21 papers	549 citations	933447 10 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	457 citing authors

#	Article	IF	Citations
1	Intracellular dynamics of the Sigma-1 receptor observed with super-resolution imaging microscopy. PLoS ONE, 2022, 17, e0268563.	2.5	4
2	Live-cell microscopy or fluorescence anisotropy with budded baculovirusesâ€"which way to go with measuring ligand binding to M ₄ muscarinic receptors?. Open Biology, 2022, 12, .	3.6	6
3	Fluorescence Anisotropy-Based Assay for Characterization of Ligand Binding Dynamics to GPCRs: The Case of Cy3B-Labeled Ligands Binding to MC4 Receptors in Budded Baculoviruses. Methods in Molecular Biology, 2021, 2268, 119-136.	0.9	7
4	Budded baculoviruses as a receptor display system to quantify ligand binding with TIRF microscopy. Nanoscale, 2021, 13, 2436-2447.	5.6	12
5	The constitutive activity of melanocortinâ€4 receptors in cAMP pathway is allosterically modulated by zinc and copper ions. Journal of Neurochemistry, 2020, 153, 346-361.	3.9	15
6	Characterization of ligand binding to melanocortin 4 receptors using fluorescent peptides with improved kinetic properties. European Journal of Pharmacology, 2017, 799, 58-66.	3.5	14
7	Dynamics of ligand binding to GPCR: Residence time of melanocortins and its modulation. Pharmacological Research, 2016, 113, 747-753.	7.1	8
8	Application of fluorescence methods for characterization of ligand binding to G protein coupled receptors. SpringerPlus, 2015, 4, L19.	1.2	0
9	Allosteric modulation of peptide ligand binding to Neuropeptide Y receptor Y1 revealed by fluorescence-based assay. SpringerPlus, 2015, 4, .	1.2	1
10	Homogeneous Fluorescence Anisotropy-Based Assay for Characterization of Ligand Binding Dynamics to GPCRs in Budded Baculoviruses: The Case of Cy3B-NDP-Î±-MSH Binding to MC4 Receptors. Methods in Molecular Biology, 2015, 1272, 37-50.	0.9	15
11	Budded baculoviruses as a tool for a homogeneous fluorescence anisotropy-based assay of ligand binding to G protein-coupled receptors: The case of melanocortin 4 receptors. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 372-381.	2.6	35
12	Application of Baculovirus Technology for Studies of G Protein-Coupled Receptor Signaling. Springer Proceedings in Physics, 2013, , 339-348.	0.2	1
13	Fluorescence anisotropy assay for pharmacological characterization of ligand binding dynamics to melanocortin 4 receptors. Analytical Biochemistry, 2010, 402, 32-39.	2.4	147
14	Design and synthesis of a library of tertiary amides: Evaluation as mimetics of the melanocortinsâ€™ active core. Bioorganic and Medicinal Chemistry, 2007, 15, 5787-5810.	3.0	8
15	Proteochemometric modeling reveals the interaction site for Trp9 modified Î±-MSH peptides in melanocortin receptors. Proteins: Structure, Function and Bioinformatics, 2007, 67, 653-660.	2.6	16
16	Kinetic evidence for tandemly arranged ligand binding sites in melanocortin 4 receptor complexes. Neurochemistry International, 2006, 49, 533-542.	3.8	143
17	Co-operative regulation of ligand binding to melanocortin receptor subtypes: Evidence for interacting binding sites. European Journal of Pharmacology, 2005, 512, 85-95.	3.5	31
18	Proteochemometric Mapping of the Interaction of Organic Compounds with Melanocortin Receptor Subtypes. Molecular Pharmacology, 2005, 67, 50-59.	2.3	38

#	Article	IF	Citations
19	N-alkylated dipeptide amides and related structures as imitations of the melanocortinsâ€™ active core. Peptides, 2005, 26, 1997-2016.	2.4	5
20	New Substituted Piperazines as Ligands for Melanocortin Receptors. Correlation to the X-ray Structure of â€œTHIQâ€. Journal of Medicinal Chemistry, 2004, 47, 4613-4626.	6.4	32
21	A non-peptide radioiodinated high affinity melanocortin-4 receptor ligand. Journal of Labelled Compounds and Radiopharmaceuticals, 2003, 46, 1007-1017.	1.0	8