

# Santa Veiksina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9188013/publications.pdf>

Version: 2024-02-01

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	Fluorescence anisotropy assay for pharmacological characterization of ligand binding dynamics to melanocortin 4 receptors. <i>Analytical Biochemistry</i> , 2010, 402, 32-39.	2.4	147
2	Kinetic evidence for tandemly arranged ligand binding sites in melanocortin 4 receptor complexes. <i>Neurochemistry International</i> , 2006, 49, 533-542.	3.8	143
3	Proteochemometric Mapping of the Interaction of Organic Compounds with Melanocortin Receptor Subtypes. <i>Molecular Pharmacology</i> , 2005, 67, 50-59.	2.3	38
4	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. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 372-381.	2.6	35
5	New Substituted Piperazines as Ligands for Melanocortin Receptors. Correlation to the X-ray Structure of $\alpha$ -THIQ. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 4613-4626.	6.4	32
6	Co-operative regulation of ligand binding to melanocortin receptor subtypes: Evidence for interacting binding sites. <i>European Journal of Pharmacology</i> , 2005, 512, 85-95.	3.5	31
7	Proteochemometric modeling reveals the interaction site for Trp9 modified $\pm$ -MSH peptides in melanocortin receptors. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 67, 653-660.	2.6	16
8	Homogeneous Fluorescence Anisotropy-Based Assay for Characterization of Ligand Binding Dynamics to GPCRs in Budded Baculoviruses: The Case of Cy3B-NDP- $\pm$ -MSH Binding to MC4 Receptors. <i>Methods in Molecular Biology</i> , 2015, 1272, 37-50.	0.9	15
9	The constitutive activity of melanocortin $\pm$ 4 receptors in cAMP pathway is allosterically modulated by zinc and copper ions. <i>Journal of Neurochemistry</i> , 2020, 153, 346-361.	3.9	15
10	Characterization of ligand binding to melanocortin 4 receptors using fluorescent peptides with improved kinetic properties. <i>European Journal of Pharmacology</i> , 2017, 799, 58-66.	3.5	14
11	Budded baculoviruses as a receptor display system to quantify ligand binding with TIRF microscopy. <i>Nanoscale</i> , 2021, 13, 2436-2447.	5.6	12
12	A non-peptide radioiodinated high affinity melanocortin-4 receptor ligand. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2003, 46, 1007-1017.	1.0	8
13	Design and synthesis of a library of tertiary amides: Evaluation as mimetics of the melanocortins $\pm$ ™ active core. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5787-5810.	3.0	8
14	Dynamics of ligand binding to GPCR: Residence time of melanocortins and its modulation. <i>Pharmacological Research</i> , 2016, 113, 747-753.	7.1	8
15	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. <i>Methods in Molecular Biology</i> , 2021, 2268, 119-136.	0.9	7
16	Live-cell microscopy or fluorescence anisotropy with budded baculoviruses $\pm$ ”which way to go with measuring ligand binding to M <sub>4</sub> muscarinic receptors?. <i>Open Biology</i> , 2022, 12, .	3.6	6
17	N-alkylated dipeptide amides and related structures as imitations of the melanocortins $\pm$ ™ active core. <i>Peptides</i> , 2005, 26, 1997-2016.	2.4	5
18	Intracellular dynamics of the Sigma-1 receptor observed with super-resolution imaging microscopy. <i>PLoS ONE</i> , 2022, 17, e0268563.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Application of Baculovirus Technology for Studies of G Protein-Coupled Receptor Signaling. Springer Proceedings in Physics, 2013, , 339-348.	0.2	1
20	Allosteric modulation of peptide ligand binding to Neuropeptide Y receptor Y1 revealed by fluorescence-based assay. SpringerPlus, 2015, 4, .	1.2	1
21	Application of fluorescence methods for characterization of ligand binding to G protein coupled receptors. SpringerPlus, 2015, 4, L19.	1.2	0