

# Christina Birkedahl Falk-Petersen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1713849/publications.pdf>

Version: 2024-02-01

10  
papers

91  
citations

1684188

5  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Hybridization of Potent and Selective $\hat{1}^3$ -Hydroxybutyric Acid (GHB) Ligands: Design, Synthesis, Binding Studies, and Molecular Modeling of Novel 3-Hydroxycyclopent-1-enecarboxylic Acid (HOCPCA) and trans- $\hat{1}^3$ -Hydroxycrotonic Acid (T-HCA) Analogs. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9022-9039.	6.4	21
2	Development of a Robust Mammalian Cell-based Assay for Studying Recombinant $\hat{1}^{\pm 4}$ / $\hat{1}^2$ / $\hat{1}^3$ GABA <sub>A</sub> Receptor Subtypes. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 121, 119-129.	2.5	17
3	Discovery of 2-(Imidazo[1,2- <i>b</i> ]pyridazin-2-yl)acetic Acid as a New Class of Ligands Selective for the $\hat{1}^3$ -Hydroxybutyric Acid (GHB) High-Affinity Binding Sites. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2798-2813.	6.4	12
4	Discovery of a new class of orthosteric antagonists with nanomolar potency at extrasynaptic GABA <sub>A</sub> receptors. <i>Scientific Reports</i> , 2020, 10, 10078.	3.3	10
5	Silencing of spontaneous activity at $\hat{1}^{\pm 4}$ / $\hat{1}^2$ / $\hat{1}^3$ GABA <sub>A</sub> receptors in hippocampal granule cells reveals different ligand pharmacology. <i>British Journal of Pharmacology</i> , 2020, 177, 3975-3990.	5.4	9
6	Structural Determinants for the Mode of Action of Imidazopyridine DS2 at $\hat{1}^{\pm}$ -Containing $\hat{1}^3$ -Aminobutyric Acid Type A Receptors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4730-4743.	6.4	6
7	Molecular Determinants and Pharmacological Analysis for a Class of Competitive Non-transported Bicyclic Inhibitors of the Betaine/GABA Transporter BGT1. <i>Frontiers in Chemistry</i> , 2021, 9, 736457.	3.6	5
8	GABA <sub>A</sub> receptor $\hat{1}^2$ / $\hat{1}^3$ subunit knock-out mice show increased delta power in NREM sleep and decreased theta power in REM sleep. <i>European Journal of Neuroscience</i> , 2021, 54, 4445-4455.	2.6	4
9	Structure-Activity Studies of 3,9-Diazaspiro[5.5]undecane-Based $\hat{1}^3$ -Aminobutyric Acid Type A Receptor Antagonists with Immunomodulatory Effect. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17795-17812.	6.4	4
10	Molecular Determinants Underlying Delta Selective Compound 2 Activity at $\hat{1}^{\pm}$ -Containing GABA <sub>A</sub> Receptors. <i>Molecular Pharmacology</i> , 2021, 100, 46-56.	2.3	2