

Dennis KÄtzel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5905798/publications.pdf>

Version: 2024-02-01

22
papers

982
citations

758635

12
h-index

713013

21
g-index

27
all docs

27
docs citations

27
times ranked

1651
citing authors

#	ARTICLE	IF	CITATIONS
1	The columnar and laminar organization of inhibitory connections to neocortical excitatory cells. <i>Nature Neuroscience</i> , 2011, 14, 100-107.	7.1	223
2	Pharmacokinetic and pharmacodynamic actions of clozapine-N-oxide, clozapine, and compound 21 in DREADD-based chemogenetics in mice. <i>Scientific Reports</i> , 2019, 9, 4522.	1.6	181
3	Chemical genetic attenuation of focal neocortical seizures. <i>Nature Communications</i> , 2014, 5, 3847.	5.8	118
4	Knockout of NMDA-receptors from parvalbumin interneurons sensitizes to schizophrenia-related deficits induced by MK-801. <i>Translational Psychiatry</i> , 2016, 6, e778-e778.	2.4	91
5	GABAergic interneurons form transient layer-specific circuits in early postnatal neocortex. <i>Nature Communications</i> , 2016, 7, 10584.	5.8	66
6	Hippocampal prefrontal coherence mediates working memory and selective attention at distinct frequency bands and provides a causal link between schizophrenia and its risk gene GRIA1. <i>Translational Psychiatry</i> , 2019, 9, 142.	2.4	51
7	Schizophrenia-related cognitive dysfunction in the Cyclin-D2 knockout mouse model of ventral hippocampal hyperactivity. <i>Translational Psychiatry</i> , 2018, 8, 212.	2.4	27
8	Hippocampal Hyperactivity as a Druggable Circuit-Level Origin of Aberrant Salience in Schizophrenia. <i>Frontiers in Pharmacology</i> , 2020, 11, 486811.	1.6	27
9	Can N-Methyl-D-Aspartate Receptor Hypofunction in Schizophrenia Be Localized to an Individual Cell Type?. <i>Frontiers in Psychiatry</i> , 2019, 10, 835.	1.3	26
10	Open-source, Python-based, hardware and software for controlling behavioural neuroscience experiments. <i>ELife</i> , 2022, 11, .	2.8	26
11	Experience-Dependent Rewiring of Specific Inhibitory Connections in Adult Neocortex. <i>PLoS Biology</i> , 2014, 12, e1001798.	2.6	22
12	Optogenetic induction of the schizophrenia-related endophenotype of ventral hippocampal hyperactivity causes rodent correlates of positive and cognitive symptoms. <i>Scientific Reports</i> , 2018, 8, 12871.	1.6	22
13	Stability and Function of Hippocampal Mossy Fiber Synapses Depend on Bcl11b/Ctip2. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 103.	1.4	21
14	Control of impulsivity by Gi-protein signalling in layer-5 pyramidal neurons of the anterior cingulate cortex. <i>Communications Biology</i> , 2021, 4, 662.	2.0	15
15	Delayed-matching-to-position working memory in mice relies on NMDA-receptors in prefrontal pyramidal cells. <i>Scientific Reports</i> , 2021, 11, 8788.	1.6	12
16	Operant Assessment of DMTP Spatial Working Memory in Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 193.	1.0	9
17	Lack of redundancy between electrophysiological measures of long-range neuronal communication. <i>BMC Biology</i> , 2021, 19, 24.	1.7	8
18	A low-cost open-source 5-choice operant box system optimized for electrophysiology and optophysiology in mice. <i>Scientific Reports</i> , 2021, 11, 22279.	1.6	8

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19	Distinct contributions of GluA1-containing AMPA receptors of different hippocampal subfields to salience processing, memory and impulse control. <i>Translational Psychiatry</i> , 2022, 12, 102.	2.4	8
20	Gene-Environment Interaction in a Conditional NMDAR-Knockout Model of Schizophrenia. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 332.	1.0	7
21	CHAPTER 10. Optogenetic and Chemogenetic Tools for Drug Discovery in Schizophrenia. <i>RSC Drug Discovery Series</i> , 2015, , 234-272.	0.2	1
22	Optogenetic Mapping of Neuronal Connections and their Plasticity. , 0, , 224-238.		0