

Dimitri De Bundel

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,532
citations

430442

18
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344852

36
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all docs

49
docs citations

49
times ranked

2708
citing authors

#	ARTICLE	IF	CITATIONS
1	Lifespan extension with preservation of hippocampal function in aged system xc ⁻ -deficient male mice. <i>Molecular Psychiatry</i> , 2022, 27, 2355-2368.	4.1	6
2	Unraveling the Effects of GSK-3 β Isoform Modulation against Limbic Seizures and in the 6 Hz Electrical Kindling Model for Epileptogenesis. <i>ACS Chemical Neuroscience</i> , 2022, 13, 796-805.	1.7	0
3	Accelerated HF-rTMS Modifies SERT Availability in the Subgenual Anterior Cingulate Cortex: A Canine [11C]DASB Study on the Serotonergic System. <i>Journal of Clinical Medicine</i> , 2022, 11, 1531.	1.0	1
4	Targeting the Ghrelin Receptor as a Novel Therapeutic Option for Epilepsy. <i>Biomedicines</i> , 2022, 10, 53.	1.4	6
5	Effects of a psychedelic 5-HT _{2A} receptor agonist on anxiety-related behavior and fear processing in mice. <i>Neuropsychopharmacology</i> , 2022, 47, 1304-1314.	2.8	14
6	Current Approaches to Monitor Macromolecules Directly from the Cerebral Interstitial Fluid. <i>Pharmaceutics</i> , 2022, 14, 1051.	2.0	7
7	Higher susceptibility to 6 μ s corneal kindling and lower responsiveness to antiseizure drugs in mouse models of Alzheimer's disease. <i>Epilepsia</i> , 2022, 63, 2703-2715.	2.6	11
8	Apparent reconsolidation interference without generalized amnesia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110161.	2.5	3
9	Effects of repeated anodal transcranial direct current stimulation on auditory fear extinction in C57BL/6J mice. <i>Brain Stimulation</i> , 2021, 14, 250-260.	0.7	6
10	Translational potential of the ghrelin receptor agonist macimorelin for seizure suppression in pharmacoresistant epilepsy. <i>European Journal of Neurology</i> , 2021, 28, 3100-3112.	1.7	8
11	Applicability of cerebral open flow microperfusion and microdialysis to quantify a brain-penetrating nanobody in mice. <i>Analytica Chimica Acta</i> , 2021, 1178, 338803.	2.6	13
12	Side-by-side comparison of the effects of Gq- and Gi-DREADD-mediated astrocyte modulation on intracellular calcium dynamics and synaptic plasticity in the hippocampal CA1. <i>Molecular Brain</i> , 2021, 14, 144.	1.3	26
13	Exploring Refinement Strategies for Single Housing of Male C57BL/6JRj Mice: Effect of Cage Divider on Stress-Related Behavior and Hypothalamic-Pituitary-Adrenal-Axis Activity. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 743959.	1.0	11
14	The Good, the Bad and the Unknown Aspects of Ghrelin in Stress Coping and Stress-Related Psychiatric Disorders. <i>Frontiers in Synaptic Neuroscience</i> , 2020, 12, 594484.	1.3	26
15	A comparative study of UniSpray and electrospray sources for the ionization of neuropeptides in liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1628, 461462.	1.8	6
16	CE-MS metabolic profiling of volume-restricted plasma samples from an acute mouse model for epileptic seizures to discover potentially involved metabolomic features. <i>Talanta</i> , 2020, 217, 121107.	2.9	10
17	Effects of neuromedin U-8 on stress responsiveness and hypothalamus-pituitary-adrenal axis activity in male C57BL/6J mice. <i>Hormones and Behavior</i> , 2020, 121, 104666.	1.0	7
18	Effects of ghrelin receptor activation on forebrain dopamine release, conditioned fear and fear extinction in C57BL/6J mice. <i>Journal of Neurochemistry</i> , 2020, 154, 389-403.	2.1	8

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19	Generalization and recovery of post-retrieval amnesia.. Journal of Experimental Psychology: General, 2020, 149, 2063-2083.	1.5	11
20	The Barnes Maze Task Reveals Specific Impairment of Spatial Learning Strategy in the Intrahippocampal Kainic Acid Model for Temporal Lobe Epilepsy. Neurochemical Research, 2019, 44, 600-608.	1.6	29
21	Long-term chemogenetic suppression of spontaneous seizures in a mouse model for temporal lobe epilepsy. Epilepsia, 2019, 60, 2314-2324.	2.6	34
22	Differential Effects of a Full and Biased Ghrelin Receptor Agonist in a Mouse Kindling Model. International Journal of Molecular Sciences, 2019, 20, 2480.	1.8	9
23	Assessing mixtures of supercharging agents to increase the abundance of a specific charge state of Neuromedin U. Talanta, 2019, 198, 206-214.	2.9	6
24	Slc7a11 (xCT) protein expression is not altered in the depressed brain and system xc- deficiency does not affect depression-associated behaviour in the corticosterone mouse model. World Journal of Biological Psychiatry, 2019, 20, 381-392.	1.3	6
25	Inhibition of astroglial connexin43 hemichannels with TAT-Gap19 exerts anticonvulsant effects in rodents. Glia, 2018, 66, 1788-1804.	2.5	50
26	Genetic deletion of xCT attenuates peripheral and central inflammation and mitigates LPS-induced sickness and depressive-like behavior in mice. Glia, 2018, 66, 1845-1861.	2.5	27
27	Testosterone boosts physical activity in male mice via dopaminergic pathways. Scientific Reports, 2018, 8, 957.	1.6	43
28	6ÂHz corneal kindling in mice triggers neurobehavioral comorbidities accompanied by relevant changes in Fos immunoreactivity throughout the brain. Epilepsia, 2018, 59, 67-78.	2.6	26
29	Sensitive targeted methods for brain metabolomic studies in microdialysis samples. Journal of Pharmaceutical and Biomedical Analysis, 2018, 161, 192-205.	1.4	16
30	Allosteric nanobodies uncover a role of hippocampal mGlu2 receptor homodimers in contextual fear consolidation. Nature Communications, 2017, 8, 1967.	5.8	66
31	Caloric Restriction Protects against Lactacystin-Induced Degeneration of Dopamine Neurons Independent of the Ghrelin Receptor. International Journal of Molecular Sciences, 2017, 18, 558.	1.8	7
32	Inhibition of Connexin43 Hemichannels Impairs Spatial Short-Term Memory without Affecting Spatial Working Memory. Frontiers in Cellular Neuroscience, 2016, 10, 288.	1.8	48
33	Anticonvulsant effect of a ghrelin receptor agonist in 6Hz corneally kindled mice. Epilepsia, 2016, 57, e195-9.	2.6	13
34	Challenges for the <i>in vivo</i> quantification of brain neuropeptides using microdialysis sampling and LC-MS. Bioanalysis, 2016, 8, 1965-1985.	0.6	13
35	In-depth behavioral characterization of the corticosterone mouse model and the critical involvement of housing conditions. Physiology and Behavior, 2016, 156, 199-207.	1.0	29
36	Presynaptic serotonin 2A receptors modulate thalamocortical plasticity and associative learning. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1382-91.	3.3	86

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37	<i>drd2^{Cre}:riboTag</i> mouse line unravels the possible diversity of dopamine d2 receptor-expressing cells of the dorsal mouse hippocampus. <i>Hippocampus</i> , 2015, 25, 858-875.	0.9	55
38	Trans-Modulation of the Somatostatin Type 2A Receptor Trafficking by Insulin-Regulated Aminopeptidase Decreases Limbic Seizures. <i>Journal of Neuroscience</i> , 2015, 35, 11960-11975.	1.7	16
39	The paraventricular thalamus controls a central amygdala fear circuit. <i>Nature</i> , 2015, 519, 455-459.	13.7	416
40	Antidepressant drugs specifically inhibiting noradrenaline reuptake enhance recognition memory in rats. <i>Behavioral Neuroscience</i> , 2015, 129, 701-708.	0.6	11
41	Cortistatin ¹⁴ Mediates its Anticonvulsant Effects Via sst ₂ and sst ₃ but Not Ghrelin Receptors. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 662-670.	1.9	11
42	Loss of System x _c ⁺ Does Not Induce Oxidative Stress But Decreases Extracellular Glutamate in Hippocampus and Influences Spatial Working Memory and Limbic Seizure Susceptibility. <i>Journal of Neuroscience</i> , 2011, 31, 5792-5803.	1.7	158
43	Hippocampal sst1 receptors are autoreceptors and do not affect seizures in rats. <i>NeuroReport</i> , 2010, 21, 254-258.	0.6	15
44	Involvement of the AT ₁ receptor subtype in the effects of angiotensin IV and LVV-haemorphin 7 on hippocampal neurotransmitter levels and spatial working memory. <i>Journal of Neurochemistry</i> , 2010, 112, 1223-1234.	2.1	21
45	Angiotensin IV and LVV-haemorphin 7 enhance spatial working memory in rats: Effects on hippocampal glucose levels and blood flow. <i>Neurobiology of Learning and Memory</i> , 2009, 92, 19-26.	1.0	56
46	Ang II and Ang IV: Unraveling the Mechanism of Action on Synaptic Plasticity, Memory, and Epilepsy. <i>CNS Neuroscience and Therapeutics</i> , 2008, 14, 315-339.	1.9	56
47	Critical Evaluation of Acetylcholine Determination in Rat Brain Microdialysates using Ion-Pair Liquid Chromatography with Amperometric Detection. <i>Sensors</i> , 2008, 8, 5171-5185.	2.1	29