

Luisa V. Lopes

List of Publications by Year in descending order

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61
papers

3,819
citations

136950

32
h-index

138484

58
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64
all docs

64
docs citations

64
times ranked

4396
citing authors

#	ARTICLE	IF	CITATIONS
1	S327 phosphorylation of the presynaptic protein SEPTIN5 increases in the early stages of neurofibrillary pathology and alters the functionality of SEPTIN5. <i>Neurobiology of Disease</i> , 2022, 163, 105603.	4.4	4
2	Glycation modulates glutamatergic signaling and exacerbates Parkinson's disease-like phenotypes. <i>Npj Parkinson's Disease</i> , 2022, 8, 51.	5.3	15
3	Caffeine intake exerts dual genome-wide effects on hippocampal metabolism and learning-dependent transcription. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	22
4	Transection of the Superior Sagittal Sinus Enables Bilateral Access to the Rodent Midline Brain Structures. <i>ENeuro</i> , 2021, 8, ENEURO.0146-21.2021.	1.9	1
5	IL-17 triggers the onset of cognitive and synaptic deficits in early stages of Alzheimer's disease. <i>Cell Reports</i> , 2021, 36, 109574.	6.4	88
6	Stabilizing synapses. <i>Science</i> , 2021, 374, 684-685.	12.6	4
7	Age-related shift in LTD is dependent on neuronal adenosine A2A receptors interplay with mGluR5 and NMDA receptors. <i>Molecular Psychiatry</i> , 2020, 25, 1876-1900.	7.9	129
8	Tapentadol Prevents Motor Impairments in a Mouse Model of Dyskinesia. <i>Neuroscience</i> , 2020, 424, 58-71.	2.3	2
9	Validation of the Portuguese Variant of the Munich Chronotype Questionnaire (MCTQPT). <i>Frontiers in Physiology</i> , 2020, 11, 795.	2.8	12
10	Adenosine Receptors as Neuroinflammation Modulators: Role of A1 Agonists and A2A Antagonists. <i>Cells</i> , 2020, 9, 1739.	4.1	27
11	Multicompartment Microreactors Prevent Excitotoxic Dysfunctions In Rat Primary Cortical Neurons. <i>Advanced Biology</i> , 2020, 4, e2000139.	3.0	6
12	Modeling human age-associated increase in Gadd45 ³ expression leads to spatial recognition memory impairments in young adult mice. <i>Neurobiology of Aging</i> , 2020, 94, 281-286.	3.1	9
13	Molecular Aspects of Hippocampal Aging. , 2020, , 43-63.		0
14	The Amyloid Precursor Protein C-Terminal Domain Alters CA1 Neuron Firing, Modifying Hippocampus Oscillations and Impairing Spatial Memory Encoding. <i>Cell Reports</i> , 2019, 29, 317-331.e5.	6.4	24
15	Exacerbation of C1q dysregulation, synaptic loss and memory deficits in tau pathology linked to neuronal adenosine A2A receptor. <i>Brain</i> , 2019, 142, 3636-3654.	7.6	71
16	Meningeal T cell-derived IL-17 controls synaptic plasticity and short-term memory. <i>Science Immunology</i> , 2019, 4, .	11.9	184
17	Novel Players in the Aging Synapse: Impact on Cognition. <i>Journal of Caffeine and Adenosine Research</i> , 2019, 9, 104-127.	0.6	36
18	Sensing Synuclein From the Outside via the Prion Protein: Implications for Neurodegeneration. <i>Movement Disorders</i> , 2018, 33, 1675-1684.	3.9	19

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19	Inhibition of NMDA Receptors Prevents the Loss of BDNF Function Induced by Amyloid β . <i>Frontiers in Pharmacology</i> , 2018, 9, 237.	3.5	54
20	Beneficial Effect of a Selective Adenosine A2A Receptor Antagonist in the APP ^{swe} /PS1 ^{dE9} Mouse Model of Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 235.	2.9	72
21	Adenosine A _{2A} Receptors Modulate β -Synuclein Aggregation and Toxicity. <i>Cerebral Cortex</i> , 2017, 27, bhv268.	2.9	66
22	Chronic and acute adenosine A2A receptor blockade prevents long-term episodic memory disruption caused by acute cannabinoid CB1 receptor activation. <i>Neuropharmacology</i> , 2017, 117, 316-327.	4.1	37
23	Glycation potentiates β -synuclein-associated neurodegeneration in synucleinopathies. <i>Brain</i> , 2017, 140, 1399-1419.	7.6	153
24	β -Synuclein interacts with PrPC to induce cognitive impairment through mGluR5 and NMDAR2B. <i>Nature Neuroscience</i> , 2017, 20, 1569-1579.	14.8	223
25	Design, synthesis and evaluation of 2-aryl benzoxazoles as promising hit for the A _{2A} receptor. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 850-864.	5.2	10
26	Mutant A53T β -Synuclein Improves Rotarod Performance Before Motor Deficits and Affects Metabolic Pathways. <i>NeuroMolecular Medicine</i> , 2017, 19, 113-121.	3.4	20
27	Prolactin-induced neuroprotection against glutamate excitotoxicity is mediated by the reduction of [Ca ²⁺] _i overload and NF- κ B activation. <i>PLoS ONE</i> , 2017, 12, e0176910.	2.5	48
28	Glycation potentiates neurodegeneration in models of Huntington's disease. <i>Scientific Reports</i> , 2016, 6, 36798.	3.3	27
29	The caffeine-binding adenosine A2A receptor induces age-like HPA-axis dysfunction by targeting glucocorticoid receptor function. <i>Scientific Reports</i> , 2016, 6, 31493.	3.3	55
30	A2A adenosine receptor deletion is protective in a mouse model of Tauopathy. <i>Molecular Psychiatry</i> , 2016, 21, 97-107.	7.9	145
31	Design and synthesis of fused tetrahydroisoquinoline-iminoimidazolines. <i>European Journal of Medicinal Chemistry</i> , 2015, 106, 15-25.	5.5	3
32	Overexpression of Adenosine A2A Receptors in Rats: Effects on Depression, Locomotion, and Anxiety. <i>Frontiers in Psychiatry</i> , 2014, 5, 67.	2.6	76
33	Impact of in vivo chronic blockade of adenosine A2A receptors on the BDNF-mediated facilitation of LTP. <i>Neuropharmacology</i> , 2014, 83, 99-106.	4.1	31
34	From epidemiology to pathophysiology: what about caffeine in Alzheimer's disease?. <i>Biochemical Society Transactions</i> , 2014, 42, 587-592.	3.4	45
35	Maternal separation impairs long term-potential in CA1-CA3 synapses and hippocampal-dependent memory in old rats. <i>Neurobiology of Aging</i> , 2014, 35, 1680-1685.	3.1	79
36	Adenosine A2A receptor blockade reverts hippocampal stress-induced deficits and restores corticosterone circadian oscillation. <i>Molecular Psychiatry</i> , 2013, 18, 320-331.	7.9	124

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37	Adenosine Receptors in Huntington's Disease. , 2013, , 409-434.		1
38	Adenosine Receptors and Alzheimer's Disease. , 2013, , 385-407.		2
39	Extracellular Alpha-Synuclein Oligomers Modulate Synaptic Transmission and Impair LTP Via NMDA-Receptor Activation. Journal of Neuroscience, 2012, 32, 11750-11762.	3.6	228
40	Neuroprotection afforded by adenosine A _{2A} receptor blockade is modulated by corticotrophin-releasing factor (CRF) in glutamate injured cortical neurons. Journal of Neurochemistry, 2012, 123, 1030-1040.	3.9	26
41	Escitalopram improves memory deficits induced by maternal separation in the rat. European Journal of Pharmacology, 2012, 695, 71-75.	3.5	32
42	Enhancement of LTP in Aged Rats is Dependent on Endogenous BDNF. Neuropsychopharmacology, 2011, 36, 1823-1836.	5.4	117
43	Adenosine and Related Drugs in Brain Diseases: Present and Future in Clinical Trials. Current Topics in Medicinal Chemistry, 2011, 11, 1087-1101.	2.1	87
44	Modulating Alzheimer's Disease Through Caffeine: A Putative Link to Epigenetics. Journal of Alzheimer's Disease, 2011, 24, 161-171.	2.6	70
45	Proteomics at the interface of psychology, gut physiology and dysfunction: an underexploited approach that deserves expansion. Expert Review of Proteomics, 2011, 8, 605-614.	3.0	3
46	Maternal deprivation affects the neuromuscular protein profile of the rat colon in response to an acute stressor later in life. Journal of Proteomics, 2008, 71, 80-88.	2.4	20
47	Modification of adenosine modulation of acetylcholine release in the hippocampus of aged rats. Neurobiology of Aging, 2008, 29, 1597-1601.	3.1	54
48	Adenosine A _{2A} receptors and brain injury: Broad spectrum of neuroprotection, multifaceted actions and 'fine tuning' modulation. Progress in Neurobiology, 2007, 83, 310-331.	5.7	232
49	Long-term Effect of Convulsive Behavior on the Density of Adenosine A ₁ and A _{2A} Receptors in the Rat Cerebral Cortex. Epilepsia, 2005, 46, 159-165.	5.1	87
50	Proteomics of the rat gut: Analysis of the myenteric plexus-longitudinal muscle preparation. Proteomics, 2005, 5, 2561-2569.	2.2	28
51	Adenosine A ₁ and A _{2A} receptors are co-expressed in pyramidal neurons and co-localized in glutamatergic nerve terminals of the rat hippocampus. Neuroscience, 2005, 133, 79-83.	2.3	111
52	Binding of the prototypical adenosine A _{2A} receptor agonist CGS 21680 to the cerebral cortex of adenosine A ₁ and A _{2A} receptor knockout mice. British Journal of Pharmacology, 2004, 141, 1006-1014.	5.4	85
53	Binding of adenosine receptor ligands to brain of adenosine receptor knock-out mice: evidence that CGS 21680 binds to A ₁ receptors in hippocampus. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 370, 270-278.	3.0	25
54	Adenosine A ₃ receptors in the rat hippocampus: Lack of interaction with A ₁ receptors. Drug Development Research, 2003, 58, 428-438.	2.9	14

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55	Decrease of adenosine A ₁ receptor density and of adenosine neuromodulation in the hippocampus of kindled rats. <i>European Journal of Neuroscience</i> , 2003, 18, 820-828.	2.6	108
56	Adenosine A ₃ receptors are located in neurons of the rat hippocampus. <i>NeuroReport</i> , 2003, 14, 1645-1648.	1.2	71
57	Adenosine A _{2A} receptor facilitation of hippocampal synaptic transmission is dependent on tonic A ₁ receptor inhibition. <i>Neuroscience</i> , 2002, 112, 319-329.	2.3	201
58	Effects of Carbamazepine and Novel 10,11-Dihydro-5H -Dibenz[b,f]Azepine-5-Carboxamide Derivatives on Synaptic Transmission in Rat Hippocampal Slices. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2002, 90, 208-213.	0.0	17
59	Increase in the Number, G Protein Coupling, and Efficiency of Facilitatory Adenosine A _{2A} Receptors in the Limbic Cortex, but not Striatum, of Aged Rats. <i>Journal of Neurochemistry</i> , 2002, 73, 1733-1738.	3.9	92
60	Adenosine receptor interactions in the hippocampus. <i>Drug Development Research</i> , 2001, 52, 337-345.	2.9	10
61	Cross Talk Between A ₁ and A _{2A} Adenosine Receptors in the Hippocampus and Cortex of Young Adult and Old Rats. <i>Journal of Neurophysiology</i> , 1999, 82, 3196-3203.	1.8	177