Luisa V. Lopes

List of Publications by Year in Descending Order

60 papers	2,750 citations	29 h-index	52 g-index
64 ext. papers	3,321 ext. citations	7.4 avg, IF	4.63 L-index

#	Paper	IF	Citations
60	Glycation modulates glutamatergic signaling and exacerbates Parkinson's disease-like phenotypes.. *Npj Parkinson's Disease*, **2022**, 8, 51	9.7	0
59	Stabilizing synapses. *Science*, **2021**, 374, 684-685	33.3	1
58	S327 phosphorylation of the presynaptic protein SEPTIN5 increases in the early stages of neurofibrillary pathology and alters the functionality of SEPTIN5.. *Neurobiology of Disease*, **2021**, 163, 105603	7.5	1
57	Transection of the Superior Sagittal Sinus Enables Bilateral Access to the Rodent Midline Brain Structures. *ENeuro*, **2021**, 8,	3.9	1
56	IL-17 triggers the onset of cognitive and synaptic deficits in early stages of Alzheimer's disease. *Cell Reports*, **2021**, 36, 109574	10.6	10
55	Modeling human age-associated increase in Gadd45 expression leads to spatial recognition memory impairments in young adult mice. *Neurobiology of Aging*, **2020**, 94, 281-286	5.6	5
54	Molecular Aspects of Hippocampal Aging **2020**, 43-63		
53	Tapentadol Prevents Motor Impairments in a Mouse Model of Dyskinesia. *Neuroscience*, **2020**, 424, 58-71	3.9	2
52	Validation of the Portuguese Variant of the Munich Chronotype Questionnaire (MCTQ). *Frontiers in Physiology*, **2020**, 11, 795	4.6	5
51	Adenosine Receptors as Neuroinflammation Modulators: Role of A Agonists and A Antagonists. *Cells*, **2020**, 9,	7.9	12
50	Multicompartment Microreactors Prevent Excitotoxic Dysfunctions In Rat Primary Cortical Neurons. *Advanced Biology*, **2020**, 4, e2000139	3.5	2
49	Age-related shift in LTD is dependent on neuronal adenosine A receptors interplay with mGluR5 and NMDA receptors. *Molecular Psychiatry*, **2020**, 25, 1876-1900	15.1	71
48	Novel Players in the Aging Synapse: Impact on Cognition. *Journal of Caffeine and Adenosine Research*, **2019**, 9, 104-127	1.6	21
47	The Amyloid Precursor Protein C-Terminal Domain Alters CA1 Neuron Firing, Modifying Hippocampus Oscillations and Impairing Spatial Memory Encoding. *Cell Reports*, **2019**, 29, 317-331.e5	10.6	9
46	Exacerbation of C1q dysregulation, synaptic loss and memory deficits in tau pathology linked to neuronal adenosine A2A receptor. *Brain*, **2019**, 142, 3636-3654	11.2	34
45	Meningeal T cell-derived IL-17 controls synaptic plasticity and short-term memory. *Science Immunology*, **2019**, 4,	28	83
44	Inhibition of NMDA Receptors Prevents the Loss of BDNF Function Induced by Amyloid *Frontiers in Pharmacology*, **2018**, 9, 237	5.6	35

43	Beneficial Effect of a Selective Adenosine A Receptor Antagonist in the APPswe/PS1dE9 Mouse Model of Alzheimer's Disease. *Frontiers in Molecular Neuroscience*, **2018**, 11, 235	6.1	45
42	Sensing Synuclein From the Outside via the Prion Protein: Implications for Neurodegeneration. *Movement Disorders*, **2018**, 33, 1675-1684	7	11
41	Chronic and acute adenosine A receptor blockade prevents long-term episodic memory disruption caused by acute cannabinoid CB receptor activation. *Neuropharmacology*, **2017**, 117, 316-327	5.5	24
40	Glycation potentiates synuclein-associated neurodegeneration in synucleinopathies. *Brain*, **2017**, 140, 1399-1419	11.2	96
39	synuclein interacts with PrP to induce cognitive impairment through mGluR5 and NMDAR2B. *Nature Neuroscience*, **2017**, 20, 1569-1579	25.5	144
38	Adenosine A2A Receptors Modulate Synuclein Aggregation and Toxicity. *Cerebral Cortex*, **2017**, 27, 718-730	5.1	53
37	Prolactin-induced neuroprotection against glutamate excitotoxicity is mediated by the reduction of [Ca2+]i overload and NF-B activation. *PLoS ONE*, **2017**, 12, e0176910	3.7	32
36	Design, synthesis and evaluation of 2-aryl benzoxazoles as promising hit for the A receptor. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 850-864	5.6	8
35	Mutant A53T Synuclein Improves Rotarod Performance Before Motor Deficits and Affects Metabolic Pathways. *NeuroMolecular Medicine*, **2017**, 19, 113-121	4.6	14
34	A2A adenosine receptor deletion is protective in a mouse model of Tauopathy. *Molecular Psychiatry* , **2016**, 21, 97-107	15.1	94
33	Glycation potentiates neurodegeneration in models of Huntington's disease. *Scientific Reports*, **2016**, 6, 36798	4.9	19
32	The caffeine-binding adenosine A2A receptor induces age-like HPA-axis dysfunction by targeting glucocorticoid receptor function. *Scientific Reports*, **2016**, 6, 31493	4.9	38
31	Design and synthesis of fused tetrahydroisoquinoline-iminoimidazolines. *European Journal of Medicinal Chemistry*, **2015**, 106, 15-25	6.8	1
30	From epidemiology to pathophysiology: what about caffeine in Alzheimer's disease?. *Biochemical Society Transactions*, **2014**, 42, 587-92	5.1	34
29	Maternal separation impairs long term-potentiation in CA1-CA3 synapses and hippocampal-dependent memory in old rats. *Neurobiology of Aging*, **2014**, 35, 1680-5	5.6	59
28	Overexpression of Adenosine A2A Receptors in Rats: Effects on Depression, Locomotion, and Anxiety. *Frontiers in Psychiatry*, **2014**, 5, 67	5	55
27	Impact of in vivo chronic blockade of adenosine A2A receptors on the BDNF-mediated facilitation of LTP. *Neuropharmacology*, **2014**, 83, 99-106	5.5	25
26	Adenosine A(2A) receptor blockade reverts hippocampal stress-induced deficits and restores corticosterone circadian oscillation. *Molecular Psychiatry*, **2013**, 18, 320-31	15.1	89

25	Adenosine Receptors in Huntington's Disease **2013**, 409-434		1
24	Adenosine Receptors and Alzheimer's Disease **2013**, 385-407		2
23	Extracellular alpha-synuclein oligomers modulate synaptic transmission and impair LTP via NMDA-receptor activation. *Journal of Neuroscience*, **2012**, 32, 11750-62	6.6	180
22	Neuroprotection afforded by adenosine A2A receptor blockade is modulated by corticotrophin-releasing factor (CRF) in glutamate injured cortical neurons. *Journal of Neurochemistry*, **2012**, 123, 1030-40	6	24
21	Escitalopram improves memory deficits induced by maternal separation in the rat. *European Journal of Pharmacology*, **2012**, 695, 71-5	5.3	26
20	Enhancement of LTP in aged rats is dependent on endogenous BDNF. *Neuropsychopharmacology*, **2011**, 36, 1823-36	8.7	97
19	Adenosine and related drugs in brain diseases: present and future in clinical trials. *Current Topics in Medicinal Chemistry*, **2011**, 11, 1087-101	3	72
18	Modulating Alzheimer's disease through caffeine: a putative link to epigenetics. *Journal of Alzheimer's Disease*, **2011**, 24 Suppl 2, 161-71	4.3	57
17	Proteomics at the interface of psychology, gut physiology and dysfunction: an underexploited approach that deserves expansion. *Expert Review of Proteomics*, **2011**, 8, 605-14	4.2	3
16	Modification of adenosine modulation of acetylcholine release in the hippocampus of aged rats. *Neurobiology of Aging*, **2008**, 29, 1597-601	5.6	49
15	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, 80-8	3.9	18
14	Adenosine A2A receptors and brain injury: broad spectrum of neuroprotection, multifaceted actions and "fine tuning" modulation. *Progress in Neurobiology*, **2007**, 83, 310-31	10.9	205
13	Adenosine A1 and A2A receptors are co-expressed in pyramidal neurons and co-localized in glutamatergic nerve terminals of the rat hippocampus. *Neuroscience*, **2005**, 133, 79-83	3.9	99
12	Long-term effect of convulsive behavior on the density of adenosine A1 and A 2A receptors in the rat cerebral cortex. *Epilepsia*, **2005**, 46 Suppl 5, 159-65	6.4	73
11	Proteomics of the rat gut: analysis of the myenteric plexus-longitudinal muscle preparation. *Proteomics*, **2005**, 5, 2561-9	4.8	24
10	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, 1006-14	8.6	73
9	Binding of adenosine receptor ligands to brain of adenosine receptor knock-out mice: evidence that CGS 21680 binds to A1 receptors in hippocampus. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2004**, 370, 270-8	3.4	24
8	Adenosine A3 receptors are located in neurons of the rat hippocampus. *NeuroReport*, **2003**, 14, 1645-8	1.7	64

7	Adenosine A3 receptors in the rat hippocampus: Lack of interaction with A1 receptors. *Drug Development Research*, **2003**, 58, 428-438	5.1	12
6	Decrease of adenosine A1 receptor density and of adenosine neuromodulation in the hippocampus of kindled rats. *European Journal of Neuroscience*, **2003**, 18, 820-8	3.5	98
5	Effects of carbamazepine and novel 10,11-dihydro-5H-dibenz[b,f]azepine-5-carboxamide derivatives on synaptic transmission in rat hippocampal slices. *Basic and Clinical Pharmacology and Toxicology*, **2002**, 90, 208-13		14
4	Adenosine A(2A) receptor facilitation of hippocampal synaptic transmission is dependent on tonic A(1) receptor inhibition. *Neuroscience*, **2002**, 112, 319-29	3.9	171
3	Adenosine receptor interactions in the hippocampus. *Drug Development Research*, **2001**, 52, 337-345	5.1	8
2	Increase in the number, G protein coupling, and efficiency of facilitatory adenosine A2A receptors in the limbic cortex, but not striatum, of aged rats. *Journal of Neurochemistry*, **1999**, 73, 1733-8	6	71
1	Cross talk between A(1) and A(2A) adenosine receptors in the hippocampus and cortex of young adult and old rats. *Journal of Neurophysiology*, **1999**, 82, 3196-203	3.2	152