

# Jose P Lopez-Atalaya

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,153  
citations

218677

26  
h-index

302126

39  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2948  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-Type Plasminogen Activator Crosses the Intact Blood-Brain Barrier by Low-Density Lipoprotein Receptor-Related Protein-Mediated Transcytosis. <i>Circulation</i> , 2005, 111, 2241-2249.	1.6	166
2	Lysine Acetyltransferases CBP and p300 as Therapeutic Targets in Cognitive and Neurodegenerative Disorders. <i>Current Pharmaceutical Design</i> , 2013, 19, 5051-5064.	1.9	133
3	Selective Boosting of Transcriptional and Behavioral Responses to Drugs of Abuse by Histone Deacetylase Inhibition. <i>Neuropsychopharmacology</i> , 2009, 34, 2642-2654.	5.4	127
4	Arginine 260 of the Amino-terminal Domain of NR1 Subunit Is Critical for Tissue-type Plasminogen Activator-mediated Enhancement of N-Methyl-D-aspartate Receptor Signaling. <i>Journal of Biological Chemistry</i> , 2004, 279, 50850-50856.	3.4	116
5	Equivocal roles of tissue-type plasminogen activator in stroke-induced injury. <i>Trends in Neurosciences</i> , 2004, 27, 155-160.	8.6	97
6	Genomic targets, and histone acetylation and gene expression profiling of neural HDAC inhibition. <i>Nucleic Acids Research</i> , 2013, 41, 8072-8084.	14.5	95
7	CBP is required for environmental enrichment-induced neurogenesis and cognitive enhancement. <i>EMBO Journal</i> , 2011, 30, 4287-4298.	7.8	89
8	Loss of Kdm5c Causes Spurious Transcription and Prevents the Fine-Tuning of Activity-Regulated Enhancers in Neurons. <i>Cell Reports</i> , 2017, 21, 47-59.	6.4	89
9	Cbp-dependent histone acetylation mediates axon regeneration induced by environmental enrichment in rodent spinal cord injury models. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	79
10	Toward Safer Thrombolytic Agents in Stroke: Molecular Requirements for NMDA Receptor-Mediated Neurotoxicity. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 1212-1221.	4.3	74
11	The brain-specific tissue-type plasminogen activator inhibitor, neuroserpin, protects neurons against excitotoxicity both in vitro and in vivo. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 552-558.	2.2	71
12	Can changes in histone acetylation contribute to memory formation?. <i>Trends in Genetics</i> , 2014, 30, 529-539.	6.7	68
13	Genomic Landscape of Transcriptional and Epigenetic Dysregulation in Early Onset Polyglutamine Disease. <i>Journal of Neuroscience</i> , 2013, 33, 10471-10482.	3.6	67
14	Tissue-type plasminogen activator rescues neurones from serum deprivation-induced apoptosis through a mechanism independent of its proteolytic activity. <i>Journal of Neurochemistry</i> , 2006, 98, 1458-1464.	3.9	66
15	Anti-NR1 N-terminal-domain vaccination unmasks the crucial action of tPA on NMDA-receptor-mediated toxicity and spatial memory. <i>Journal of Cell Science</i> , 2007, 120, 578-585.	2.0	66
16	Is tissue-type plasminogen activator a neuromodulator?. <i>Molecular and Cellular Neurosciences</i> , 2004, 25, 594-601.	2.2	65
17	Astrocytes and neurons share region-specific transcriptional signatures that confer regional identity to neuronal reprogramming. <i>Science Advances</i> , 2021, 7, .	10.3	65
18	Histone acetylation deficits in lymphoblastoid cell lines from patients with Rubinstein-Taybi syndrome. <i>Journal of Medical Genetics</i> , 2012, 49, 66-74.	3.2	58

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19	RecombinantDesmodus rotundusSalivary Plasminogen Activator Crosses the Bloodâ€‘Brain Barrier Through a Low-Density Lipoprotein Receptor-Related Protein-Dependent Mechanism Without Exerting Neurotoxic Effects. <i>Stroke</i> , 2007, 38, 1036-1043.	2.0	55
20	Syndromic features and mild cognitive impairment in mice with genetic reduction on p300 activity: Differential contribution of p300 and CBP to Rubinsteinâ€‘Taybi syndrome etiology. <i>Neurobiology of Disease</i> , 2010, 37, 186-194.	4.4	53
21	Histone H3 lysine methylation in cognition and intellectual disability disorders. <i>Learning and Memory</i> , 2013, 20, 570-579.	1.3	52
22	Blocking miRNA Biogenesis in Adult Forebrain Neurons Enhances Seizure Susceptibility, Fear Memory, and Food Intake by Increasing Neuronal Responsiveness. <i>Cerebral Cortex</i> , 2016, 26, 1619-1633.	2.9	44
23	Development and maintenance of the brain's immune toolkit: Microglia and nonâ€‘parenchymal brain macrophages. <i>Developmental Neurobiology</i> , 2018, 78, 561-579.	3.0	38
24	Epigenetic Factors in Intellectual Disability. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 128, 139-176.	1.7	34
25	Loss of neuronal 3D chromatin organization causes transcriptional and behavioural deficits related to serotonergic dysfunction. <i>Nature Communications</i> , 2014, 5, 4450.	12.8	33
26	Ecdysone-Induced 3D Chromatin Reorganization Involves Active Enhancers Bound by Pipsqueak and Polycomb. <i>Cell Reports</i> , 2019, 28, 2715-2727.e5.	6.4	32
27	Lack of IL-1R8 in neurons causes hyperactivation of IL-1 receptor pathway and induces MECP2-dependent synaptic defects. <i>ELife</i> , 2017, 6, .	6.0	32
28	SFRP1 modulates astrocyteâ€‘microglia crosstalk in acute and chronic neuroinflammation. <i>EMBO Reports</i> , 2021, 22, e51696.	4.5	27
29	KAT3-dependent acetylation of cell type-specific genes maintains neuronal identity in the adult mouse brain. <i>Nature Communications</i> , 2020, 11, 2588.	12.8	26
30	2,7-Bis-(4-Amidinobenzylidene)-Cycloheptan-1-One Dihydrochloride, tPA Stop, Prevents tPA-Enhanced Excitotoxicity Both In Vitro and In Vivo. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 1153-1159.	4.3	20
31	A Zic2-regulated switch in a noncanonical Wnt/Î²-catenin pathway is essential for the formation of bilateral circuits. <i>Science Advances</i> , 2020, 6, .	10.3	20
32	Sublayer- and cell-type-specific neurodegenerative transcriptional trajectories in hippocampal sclerosis. <i>Cell Reports</i> , 2021, 35, 109229.	6.4	20
33	Specific promoter deacetylation of histone H3 is conserved across mouse models of Huntington's disease in the absence of bulk changes. <i>Neurobiology of Disease</i> , 2016, 89, 190-201.	4.4	17
34	Secondary loss of miR-3607 reduced cortical progenitor amplification during rodent evolution. <i>Science Advances</i> , 2022, 8, eabj4010.	10.3	15
35	Repression of <i>Irs2</i> by letâ€‘7 miRNA is essential for homeostasis of the telencephalic neuroepithelium. <i>EMBO Journal</i> , 2020, 39, e105479.	7.8	12
36	A protocol to extract cell-type-specific signatures from differentially expressed genes in bulk-tissue RNA-seq. <i>STAR Protocols</i> , 2022, 3, 101121.	1.2	10

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37	Hunting for Synaptic Tagging and Capture in Memory Formation. <i>Journal of Neuroscience</i> , 2007, 27, 12761-12763.	3.6	5
38	Transcriptional regulation of chemokine network by biologic monotherapy in ileum of patients with Crohn's disease. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112653.	5.6	5
39	Brain size regulations by cbp haploinsufficiency evaluated by in-vivo MRI based volumetry. <i>Scientific Reports</i> , 2015, 5, 16256.	3.3	4