

# Lydia Jimenez-Diaz

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,200  
citations

471509

17  
h-index

454955

30  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1476  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Rapamycin-Sensitive Signaling Pathway Is Essential for the Full Expression of Persistent Pain States. <i>Journal of Neuroscience</i> , 2009, 29, 15017-15027.	3.6	161
2	Local Translation in Primary Afferent Fibers Regulates Nociception. <i>PLoS ONE</i> , 2008, 3, e1961.	2.5	134
3	Past, present and future of therapeutic strategies against amyloid- $\beta$ peptides in Alzheimer's disease: a systematic review. <i>Ageing Research Reviews</i> , 2021, 72, 101496.	10.9	131
4	GABAergic neurotransmission and new strategies of neuromodulation to compensate synaptic dysfunction in early stages of Alzheimer's disease. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 167.	3.7	88
5	Role of Cerebellar Interpositus Nucleus in the Genesis and Control of Reflex and Conditioned Eyelid Responses. <i>Journal of Neuroscience</i> , 2004, 24, 9138-9145.	3.6	73
6	Cytokine Release Syndrome (CRS) and Nicotine in COVID-19 Patients: Trying to Calm the Storm. <i>Frontiers in Immunology</i> , 2020, 11, 1359.	4.8	57
7	Therapeutic potential of targeting G protein-gated inwardly rectifying potassium (GIRK) channels in the central nervous system. , 2021, 223, 107808.		49
8	A Systematic Review and Meta-Analysis of Hospitalised Current Smokers and COVID-19. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7394.	2.6	47
9	Amyloid- $\beta$ (25-35) Modulates the Expression of KirK and KCNQ Channel Genes in the Hippocampus. <i>PLoS ONE</i> , 2015, 10, e0134385.	2.5	45
10	Activation of G-protein-gated inwardly rectifying potassium (Kir3/GirK) channels rescues hippocampal functions in a mouse model of early amyloid- $\beta$ pathology. <i>Scientific Reports</i> , 2017, 7, 14658.	3.3	41
11	Amyloid- $\beta$ induces synaptic dysfunction through G protein-gated inwardly rectifying potassium channels in the fimbria-CA3 hippocampal synapse. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 117.	3.7	40
12	Comprehensive personal RF-EMF exposure map and its potential use in epidemiological studies. <i>Environmental Research</i> , 2016, 149, 105-112.	7.5	39
13	TRP Channels and Neural Persistent Activity. <i>Advances in Experimental Medicine and Biology</i> , 2011, 704, 595-613.	1.6	36
14	Hippocampal long-term synaptic depression and memory deficits induced in early amyloidopathy are prevented by enhancing G-protein-gated inwardly rectifying potassium channel activity. <i>Journal of Neurochemistry</i> , 2020, 153, 362-376.	3.9	36
15	Characterisation of personal exposure to environmental radiofrequency electromagnetic fields in Albacete (Spain) and assessment of risk perception. <i>Environmental Research</i> , 2019, 172, 109-116.	7.5	32
16	Role of KirK Channels in Long-Term Potentiation of Synaptic Inhibition in an In Vivo Mouse Model of Early Amyloid- $\beta$ Pathology. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1168.	4.1	28
17	G-Protein-Gated Inwardly Rectifying Potassium (Kir3/GIRK) Channels Govern Synaptic Plasticity That Supports Hippocampal-Dependent Cognitive Functions in Male Mice. <i>Journal of Neuroscience</i> , 2021, 41, 7086-7102.	3.6	23
18	Ca <sup>2+</sup> -dependent prodynorphin transcriptional derepression in neuroblastoma cells is exerted through DREAM protein activity in a kinase-independent manner. <i>Molecular and Cellular Neurosciences</i> , 2003, 22, 135-145.	2.2	22

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19	Personal RF-EMF exposure from mobile phone base stations during temporary events. <i>Environmental Research</i> , 2019, 175, 266-273.	7.5	20
20	Inhibition of the mammalian target of rapamycin complex 1 signaling pathway reduces itch behaviour in mice. <i>Pain</i> , 2015, 156, 1519-1529.	4.2	16
21	Impairments of Synaptic Plasticity Induction Threshold and Network Oscillatory Activity in the Hippocampus Underlie Memory Deficits in a Non-Transgenic Mouse Model of Amyloidosis. <i>Biology</i> , 2020, 9, 175.	2.8	16
22	Electrophysiological and Synaptic Characterization of Transplanted Neurons in Adult Rat Motor Cortex. <i>Journal of Neurotrauma</i> , 2009, 26, 1593-1607.	3.4	14
23	Comparison of statistic methods for censored personal exposure to RF-EMF data. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 77.	2.7	12
24	Evolution of cerebral cortex involvement in the acquisition of associative learning.. <i>Behavioral Neuroscience</i> , 2006, 120, 1043-1056.	1.2	11
25	Electrophysiological and Molecular Analysis of Kv7/KCNQ Potassium Channels in the Inferior Colliculus of Adult Guinea Pig. <i>Journal of Molecular Neuroscience</i> , 2009, 37, 263-268.	2.3	8
26	Comments on "Wi-Fi is an important threat to human health". <i>Environmental Research</i> , 2019, 168, 514-515.	7.5	5
27	Spatial analysis of COVID-19 hospitalised cases in an entire city: The risk of studying only lattice data. <i>Science of the Total Environment</i> , 2022, 806, 150521.	8.0	5
28	Extracellular amino acid levels in the interpositus nucleus during classical eyeblink conditioning in alert cats.. <i>Behavioral Neuroscience</i> , 2007, 121, 1106-1112.	1.2	3
29	Response to the comments on "Radiofrequency electromagnetic fields and some cancers of unknown etiology: An ecological study" by J. Gonzalez-Rubio, E. Arribas, R. Ramirez-Vazquez and A. Najera. <i>Science of the Total Environment</i> 599-600 (2017) 834-843. <i>Science of the Total Environment</i> , 2018, 612, 368-369.	8.0	3
30	Response to the Comment on "A Systematic Review and Meta-Analysis of Hospitalised Current Smokers and COVID-19". <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9574.	2.6	2
31	Long-term synaptic depression and memory deficits are reversed by enhancement of Girk-dependent signaling in a mouse model of early amyloidopathy. <i>Alzheimer's and Dementia</i> , 2020, 16, e038291.	0.8	1
32	P4076: Amyloid $\beta$ and G-protein-gated Inwardly-Rectifying Potassium (Girk/Kir3) Channel in the Rodent Hippocampus. <i>Alzheimer's and Dementia</i> , 2016, 12, P1042.	0.8	0
33	[P3042]: G-PROTEIN-GATED INWARDLY-RECTIFYING POTASSIUM (GIRK/KIR3) CHANNEL ACTIVATION REVERSES SYNAPTIC, NETWORK, AND COGNITIVE HIPPOCAMPAL DEFICITS IN AN ALZHEIMER'S DISEASE MOUSE MODEL. <i>Alzheimer's and Dementia</i> , 2017, 13, P945.	0.8	0
34	Characterization of hippocampal amyloidosis induced by amyloid $\beta$ in behaving mice. <i>Alzheimer's and Dementia</i> , 2020, 16, e047414.	0.8	0
35	Comments on "What is the radiation before 5G? A correlation study between measurements in situ and in real time and epidemiological indicators in Vallecas, Madrid". <i>Environmental Research</i> , 2022, 212, 113314.	7.5	0