

Mauricio G MartÃ-n

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,229
citations

430874

18
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1790
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholesterol in brain disease: sometimes determinant and frequently implicated. <i>EMBO Reports</i> , 2014, 15, 1036-1052.	4.5	224
2	Brain cholesterol in normal and pathological aging. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 934-944.	2.4	131
3	Lipid changes in the aged brain: Effect on synaptic function and neuronal survival. <i>Progress in Lipid Research</i> , 2012, 51, 23-35.	11.6	120
4	Cholesterol Loss Enhances TrkB Signaling in Hippocampal Neurons Aging in Vitro. <i>Molecular Biology of the Cell</i> , 2008, 19, 2101-2112.	2.1	89
5	Neuronal activity controls Bdnf expression via Polycomb de-repression and CREB/CBP/JMJD3 activation in mature neurons. <i>Nature Communications</i> , 2016, 7, 11081.	12.8	80
6	Constitutive hippocampal cholesterol loss underlies poor cognition in old rodents. <i>EMBO Molecular Medicine</i> , 2014, 6, 902-917.	6.9	77
7	Activation of the Diacetyl/Acetoin Pathway in <i>Lactococcus lactis</i> subsp. <i>lactis</i> bv. <i>diacetylactis</i> CRL264 by Acidic Growth. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1988-1996.	3.1	66
8	Acid-Inducible Transcription of the Operon Encoding the Citrate Lyase Complex of <i>Lactococcus lactis</i> Biovar <i>diacetylactis</i> CRL264. <i>Journal of Bacteriology</i> , 2004, 186, 5649-5660.	2.2	64
9	Aging Triggers a Repressive Chromatin State at Bdnf Promoters in Hippocampal Neurons. <i>Cell Reports</i> , 2016, 16, 2889-2900.	6.4	51
10	Epigenetic mechanisms related to cognitive decline during aging. <i>Journal of Neuroscience Research</i> , 2020, 98, 234-246.	2.9	50
11	Regulation of tyrosine kinase B activity by the Cyp46/cholesterol loss pathway in mature hippocampal neurons: relevance for neuronal survival under stress and in aging. <i>Journal of Neurochemistry</i> , 2011, 116, 747-755.	3.9	44
12	Characterization of an oxaloacetate decarboxylase that belongs to the malic enzyme family. <i>FEBS Letters</i> , 2004, 570, 217-222.	2.8	40
13	CitI, a Transcription Factor Involved in Regulation of Citrate Metabolism in Lactic Acid Bacteria. <i>Journal of Bacteriology</i> , 2005, 187, 5146-5155.	2.2	38
14	Transcriptional Control of the Citrate-Inducible citMCDEFGRP Operon, Encoding Genes Involved in Citrate Fermentation in <i>Leuconostoc paramesenteroides</i> . <i>Journal of Bacteriology</i> , 2000, 182, 3904-3912.	2.2	32
15	Cyp46-mediated cholesterol loss promotes survival in stressed hippocampal neurons. <i>Neurobiology of Aging</i> , 2011, 32, 933-943.	3.1	31
16	Cloning and molecular characterization of the citrate utilization citMCDEFGRP cluster of <i>Leuconostoc paramesenteroides</i> . <i>FEMS Microbiology Letters</i> , 1999, 174, 231-238.	1.8	22
17	Cloning and molecular characterization of the citrate utilization citMCDEFGRP cluster of <i>Leuconostoc paramesenteroides</i> . <i>FEMS Microbiology Letters</i> , 1999, 174, 231-238.	1.8	20
18	Sphingomyelin upregulation in mature neurons contributes to TrkB activity by Rac1 endocytosis. <i>Journal of Cell Science</i> , 2011, 124, 1308-1315.	2.0	19

#	ARTICLE	IF	CITATIONS
19	Increased exosome secretion in neurons aging in vitro by NPC1-mediated endosomal cholesterol buildup. <i>Life Science Alliance</i> , 2021, 4, e202101055.	2.8	12
20	APM_GUI: analyzing particle movement on the cell membrane and determining confinement. <i>BMC Biophysics</i> , 2012, 5, 4.	4.4	11
21	Ghrelin treatment leads to dendritic spine remodeling in hippocampal neurons and increases the expression of specific BDNF-mRNA species. <i>Neurobiology of Learning and Memory</i> , 2021, 179, 107409.	1.9	7
22	Regulation of expression of the <i>Lactococcus lactis</i> subsp. <i>lactis</i> biovar <i>diacetylactis</i> citrate transport system. <i>Dairy Science and Technology</i> , 1998, 78, 11-16.	0.9	1