

Xiaolu A Cambronne

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,713
citations

471509

17
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

4960
citing authors

#	ARTICLE	IF	CITATIONS
1	microRNA-132 regulates dendritic growth and arborization of newborn neurons in the adult hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20382-20387.	7.1	382
2	Cancer Proliferation Gene Discovery Through Functional Genomics. <i>Science</i> , 2008, 319, 620-624.	12.6	365
3	Anaphase initiation is regulated by antagonistic ubiquitination and deubiquitination activities. <i>Nature</i> , 2007, 446, 876-881.	27.8	333
4	Biosensor reveals multiple sources for mitochondrial NAD ⁺ . <i>Science</i> , 2016, 352, 1474-1477.	12.6	308
5	SCF ^β -TRCP Controls Clock-dependent Transcription via Casein Kinase 1-dependent Degradation of the Mammalian Period-1 (Per1) Protein. <i>Journal of Biological Chemistry</i> , 2005, 280, 26863-26872.	3.4	240
6	SCF-mediated protein degradation and cell cycle control. <i>Oncogene</i> , 2005, 24, 2860-2870.	5.9	171
7	SLC25A51 is a mammalian mitochondrial NAD ⁺ transporter. <i>Nature</i> , 2020, 588, 174-179.	27.8	158
8	AML suppresses hematopoiesis by releasing exosomes that contain microRNAs targeting c-MYB. <i>Science Signaling</i> , 2016, 9, ra88.	3.6	132
9	Pharmacological bypass of NAD ⁺ salvage pathway protects neurons from chemotherapy-induced degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10654-10659.	7.1	92
10	Identification of Substrates for F ^o Box Proteins. <i>Methods in Enzymology</i> , 2005, 399, 287-309.	1.0	84
11	Novel Primate miRNAs Coevolved with Ancient Target Genes in Germinal Zone-Specific Expression Patterns. <i>Neuron</i> , 2014, 81, 1255-1262.	8.1	77
12	MicroRNA pathways in neural development and plasticity. <i>Current Opinion in Neurobiology</i> , 2010, 20, 457-465.	4.2	76
13	Location, Location, Location: Compartmentalization of NAD ⁺ Synthesis and Functions in Mammalian Cells. <i>Trends in Biochemical Sciences</i> , 2020, 45, 858-873.	7.5	76
14	miR-218 is essential to establish motor neuron fate as a downstream effector of Isl1/Lhx3. <i>Nature Communications</i> , 2015, 6, 7718.	12.8	70
15	Capturing microRNA targets using an RNA-induced silencing complex (RISC)-trap approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20473-20478.	7.1	48
16	MicroRNA-134 activity in somatostatin interneurons regulates H-Ras localization by repressing the palmitoylation enzyme, DHHC9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17898-17903.	7.1	44
17	Comparative Phosphoproteomics Reveals Components of Host Cell Invasion and Post-transcriptional Regulation During Francisella Infection. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3297-3309.	3.8	35
18	Methods for Using a Genetically Encoded Fluorescent Biosensor to Monitor Nuclear NAD ⁺ . <i>Methods in Molecular Biology</i> , 2018, 1813, 391-414.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Flow Cytometry Analysis of Free Intracellular NAD + Using a Targeted Biosensor. Current Protocols in Cytometry, 2019, 88, e54.	3.7	4
20	A road map of cellular protein homeostasis. Nature Chemical Biology, 2009, 5, 9-11.	8.0	3
21	The 2021 FASEB science research conference on NAD metabolism and signaling. Aging, 2021, 13, 24924-24930.	3.1	1