Mounia Chami

List of Publications by Year
in descending order

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40 papers	5,134 citations	186265 28 h-index	289244 40 g-index
44 all docs	44 docs citations	44 times ranked	7658 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	Drp-1-Dependent Division of the Mitochondrial Network Blocks Intraorganellar Ca2+ Waves and Protects against Ca2+-Mediated Apoptosis. Molecular Cell, 2004, 16, 59-68.	9.7	440
3	Calcium and apoptosis: facts and hypotheses. Oncogene, 2003, 22, 8619-8627.	5.9	439
4	Hepatitis B virus-related insertional mutagenesis occurs frequently in human liver cancers and recurrently targets human telomerase gene. Oncogene, 2003, 22, 3911-3916.	5.9	289
5	Hepatitis C virus core triggers apoptosis in liver cells by inducing ER stress and ER calcium depletion. Oncogene, 2005, 24, 4921-4933.	5.9	254
6	Role of SERCA1 Truncated Isoform in the Proapoptotic Calcium Transfer from ER to Mitochondria during ER Stress. Molecular Cell, 2008, 32, 641-651.	9.7	204
7	Ryanodine Receptor Blockade Reduces Amyloid-Î² Load and Memory Impairments in Tg2576 Mouse Model of Alzheimer Disease. Journal of Neuroscience, 2012, 32, 11820-11834.	3.6	197
8	Ryanodine receptors: physiological function and deregulation in Alzheimer disease. Molecular Neurodegeneration, 2014, 9, 21.	10.8	135
9	Post-translational remodeling of ryanodine receptor induces calcium leak leading to Alzheimerâ€™s disease-like pathologies and cognitive deficits. Acta Neuropathologica, 2017, 134, 749-767.	7.7	130
10	Accumulation ofÂamyloid precursor protein C-terminal fragments triggers mitochondrial structure, function, and mitophagy defects in Alzheimerâ€™s disease models and human brains. Acta Neuropathologica, 2021, 141, 39-65.	7.7	114
11	Localization and Processing ofÂtheÂAmyloid-Î² Protein Precursor inÂMitochondria-Associated Membranes. Journal of Alzheimer's Disease, 2016, 55, 1549-1570.	2.6	107
12	Identification of human cancer-related genes by naturally occurring Hepatitis B Virus DNA tagging. Oncogene, 2001, 20, 6233-6240.	5.9	105
13	Nuclear Factor-Î°B Regulates Î²APP and Î²- and Î³-Secretases Differently at Physiological and Supraphysiological Aî² Concentrations. Journal of Biological Chemistry, 2012, 287, 24573-24584.	3.4	102
14	Bcl-2 and Bax Exert Opposing Effects on Ca2+ Signaling, Which Do Not Depend on Their Putative Pore-forming Region. Journal of Biological Chemistry, 2004, 279, 54581-54589.	3.4	98
15	Endoplasmic reticulum, Bcl-2 and Ca2+ handling in apoptosis. Cell Calcium, 2002, 32, 413-420.	2.4	97
16	Caspase-dependent Alterations of Ca2+ Signaling in the Induction of Apoptosis by Hepatitis B Virus X Protein. Journal of Biological Chemistry, 2003, 278, 31745-31755.	3.4	94
17	Serca1 Truncated Proteins Unable to Pump Calcium Reduce the Endoplasmic Reticulum Calcium Concentration and Induce Apoptosis. Journal of Cell Biology, 2001, 153, 1301-1314.	5.2	87
18	Identification and functional characterization of a new member of the human Mcm protein family: hMcm8. Nucleic Acids Research, 2003, 31, 570-579.	14.5	86

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19	Identification of CANT1 Mutations in Desbuquois Dysplasia. American Journal of Human Genetics, 2009, 85, 706-710.	6.2	81
20	Hepatitis B virus-related insertional mutagenesis implicates SERCA1 gene in the control of apoptosis. Oncogene, 2000, 19, 2877-2886.	5.9	77
21	Epidermal TRPM8 channel isoform controls the balance between keratinocyte proliferation and differentiation in a cold-dependent manner. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3345-54.	7.1	74
22	Cytobiological consequences of calcium-signaling alterations induced by human viral proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 1344-1362.	4.1	71
23	Large hepatitis delta antigen activates STATâ€3 and NFâ€ÎºB via oxidative stress. Journal of Viral Hepatitis, 2012, 19, 744-753.	2.0	52
24	Amyloid Î² production is regulated by Î²2-adrenergic signaling-mediated post-translational modifications of the ryanodine receptor. Journal of Biological Chemistry, 2017, 292, 10153-10168.	3.4	50
25	Mitophagy in Alzheimerâ€™s disease: Molecular defects and therapeutic approaches. Molecular Psychiatry, 2023, 28, 202-216.	7.9	48
26	Î²-Amyloid Precursor Protein Intracellular Domain Controls Mitochondrial Function by Modulating Phosphatase and Tensin Homologâ€“Induced Kinase 1 Transcription in Cells and in Alzheimer Mice Models. Biological Psychiatry, 2018, 83, 416-427.	1.3	45
27	Calcium signalling-dependent mitochondrial dysfunction and bioenergetics regulation in respiratory chain Complex II deficiency. Cell Death and Differentiation, 2010, 17, 1855-1866.	11.2	41
28	Molecular Dysfunctions of Mitochondria-Associated Membranes (MAMs) in Alzheimerâ€™s Disease. International Journal of Molecular Sciences, 2020, 21, 9521.	4.1	34
29	Alterations of the Endoplasmic Reticulum (ER) Calcium Signaling Molecular Components in Alzheimerâ€™s Disease. Cells, 2020, 9, 2577.	4.1	32
30	hH-Rev107, a class II tumor suppressor gene, is expressed by post-meiotic testicular germ cells and CIS cells but not by human testicular germ cell tumors. Oncogene, 2001, 20, 5155-5163.	5.9	29
31	Transcription- and phosphorylation-dependent control of a functional interplay between XBP1s and PINK1 governs mitophagy and potentially impacts Parkinson disease pathophysiology. Autophagy, 2021, 17, 4363-4385.	9.1	26
32	Aminopeptidase A contributes to biochemical, anatomical and cognitive defects in Alzheimerâ€™s disease (AD) mouse model and is increased at early stage in sporadic AD brain. Acta Neuropathologica, 2021, 141, 823-839.	7.7	16
33	Dipeptidyl peptidase 4 contributes to Alzheimerâ€™s diseaseâ€“like defects in a mouse model and is increased in sporadic Alzheimerâ€™s disease brains. Journal of Biological Chemistry, 2021, 297, 100963.	3.4	16
34	Upregulation of the Sarco-Endoplasmic Reticulum Calcium ATPase 1 Truncated Isoform Plays a Pathogenic Role in Alzheimerâ€™s Disease. Cells, 2019, 8, 1539.	4.1	9
35	Ryanodine receptors. Channels, 2014, 8, 168-168.	2.8	7
36	Calcium Signalling in Alzheimerâ€™s Disease: From Pathophysiological Regulation to Therapeutic Approaches. Cells, 2021, 10, 140.	4.1	6

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37	Targeting Post-Translational Remodeling of Ryanodine Receptor: A New Track for Alzheimer's Disease Therapy?. Current Alzheimer Research, 2020, 17, 313-323.	1.4	5
38	Leaky Ryanodine receptors increases Amyloid-beta load and induces memory impairments in Tg2576 mouse model of Alzheimer disease. Molecular Neurodegeneration, 2013, 8, P54.	10.8	3
39	Modulation of Calcium Homeostasis by the Endoplasmic Reticulum in Health and Disease. Molecular Biology Intelligence Unit, 2003, , 105-125.	0.2	1
40	Calcium ATPases Genes and Cell Transformation. , 2000, , 505-519.		0