

Andrea MagrÃ

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,247
citations

394421

19
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

1665
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>mTOR</scp> regulates tau phosphorylation and degradation: implications for Alzheimer's disease and other tauopathies. <i>Aging Cell</i> , 2013, 12, 370-380.	6.7	309
2	Naturally Secreted Amyloid- β^2 Increases Mammalian Target of Rapamycin (mTOR) Activity via a PRAS40-mediated Mechanism. <i>Journal of Biological Chemistry</i> , 2011, 286, 8924-8932.	3.4	152
3	VDAC1 as Pharmacological Target in Cancer and Neurodegeneration: Focus on Its Role in Apoptosis. <i>Frontiers in Chemistry</i> , 2018, 6, 108.	3.6	113
4	VDAC3 as a sensor of oxidative state of the intermembrane space of mitochondria: the putative role of cysteine residue modifications. <i>Oncotarget</i> , 2016, 7, 2249-2268.	1.8	78
5	Recombinant Human Voltage Dependent Anion Selective Channel Isoform 3 (hVDAC3) Forms Pores with a Very Small Conductance. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 842-853.	1.6	60
6	Hexokinase I N-terminal based peptide prevents the VDAC1-SOD1 G93A interaction and re-establishes ALS cell viability. <i>Scientific Reports</i> , 2016, 6, 34802.	3.3	53
7	Interactions of VDAC with Proteins Involved in Neurodegenerative Aggregation: An Opportunity for Advancement on Therapeutic Molecules. <i>Current Medicinal Chemistry</i> , 2018, 24, 4470-4487.	2.4	53
8	VDAC3 As a Potential Marker of Mitochondrial Status Is Involved in Cancer and Pathology. <i>Frontiers in Oncology</i> , 2016, 6, 264.	2.8	41
9	High-Resolution Respirometry Reveals MPP+ Mitochondrial Toxicity Mechanism in a Cellular Model of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7809.	4.1	37
10	A lower affinity to cytosolic proteins reveals VDAC3 isoform-specific role in mitochondrial biology. <i>Journal of General Physiology</i> , 2020, 152, .	1.9	36
11	Deletion of β^2 -strands 9 and 10 converts VDAC1 voltage-dependence in an asymmetrical process. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 793-805.	1.0	32
12	Post-translational modifications of VDAC1 and VDAC2 cysteines from rat liver mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 806-816.	1.0	32
13	Age-dependent changes in TDP-43 levels in a mouse model of Alzheimer disease are linked to A β^2 oligomers accumulation. <i>Molecular Neurodegeneration</i> , 2010, 5, 51.	10.8	30
14	Alpha-Synuclein and Mitochondrial Dysfunction in Parkinson's Disease: The Emerging Role of VDAC. <i>Biomolecules</i> , 2021, 11, 718.	4.0	29
15	Live cell interactome of the human voltage dependent anion channel 3 (VDAC3) revealed in HeLa cells by affinity purification tag technique. <i>Molecular BioSystems</i> , 2014, 10, 2134-2145.	2.9	28
16	Overexpression of human SOD1 in VDAC1-less yeast restores mitochondrial functionality modulating beta-barrel outer membrane protein genes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 789-798.	1.0	27
17	Deletion of Voltage-Dependent Anion Channel 1 knocks mitochondria down triggering metabolic rewiring in yeast. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3195-3213.	5.4	25
18	A VDAC1-Derived N-Terminal Peptide Inhibits Mutant SOD1-VDAC1 Interactions and Toxicity in the SOD1 Model of ALS. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 346.	3.7	23

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19	Voltage Dependent Anion Channel 3 (VDAC3) protects mitochondria from oxidative stress. <i>Redox Biology</i> , 2022, 51, 102264.	9.0	22
20	γ VDAC2, the second mitochondrial porin isoform of <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 270-279.	1.0	21
21	Voltage-Dependent Anion Selective Channel Isoforms in Yeast: Expression, Structure, and Functions. <i>Frontiers in Physiology</i> , 2021, 12, 675708.	2.8	13
22	Small Hexokinase 1 Peptide against Toxic SOD1 G93A Mitochondrial Accumulation in ALS Rescues the ATP-Related Respiration. <i>Biomedicines</i> , 2021, 9, 948.	3.2	10
23	Recombinant yeast VDAC 2: a comparison of electrophysiological features with the native form. <i>FEBS Open Bio</i> , 2019, 9, 1184-1193.	2.3	8
24	Folded Structure and Membrane Affinity of the N-Terminal Domain of the Three Human Isoforms of the Mitochondrial Voltage-Dependent Anion-Selective Channel. <i>ACS Omega</i> , 2018, 3, 11415-11425.	3.5	7
25	$\hat{\text{I}}\pm$ -Synuclein A53T Promotes Mitochondrial Proton Gradient Dissipation and Depletion of the Organelle Respiratory Reserve in a Neuroblastoma Cell Line. <i>Life</i> , 2022, 12, 894.	2.4	4
26	Synthesis, biological evaluation and mode of action studies of novel amidinourea inhibitors of hepatitis C virus (HCV). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 724-728.	2.2	3
27	Unexpected Modifications of Cysteines in VDAC3: Indication that VDAC3 may Signal the Mitochondrial Intermembrane Redox State. <i>Biophysical Journal</i> , 2016, 110, 19a.	0.5	0