

Simona Reina

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,256
citations

430874

18
h-index

610901

24
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24
all docs

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docs citations

24
times ranked

1250
citing authors

#	ARTICLE	IF	CITATIONS
1	VDAC isoforms in mammals. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1466-1476.	2.6	204
2	Characterization of human VDAC isoforms: A peculiar function for VDAC3?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1268-1275.	1.0	142
3	Outer membrane VDAC1 controls permeability transition of the inner mitochondrial membrane in cellulo during stress-induced apoptosis. <i>Cell Research</i> , 2009, 19, 1363-1376.	12.0	120
4	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
5	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
6	Role of cysteines in mammalian VDAC isoforms' function. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1219-1227.	1.0	64
7	The Voltage-Dependent Anion Selective Channel 1 (VDAC1) Topography in the Mitochondrial Outer Membrane as Detected in Intact Cell. <i>PLoS ONE</i> , 2013, 8, e81522.	2.5	62
8	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
9	Swapping of the N-terminus of VDAC1 with VDAC3 restores full activity of the channel and confers anti-aging features to the cell. <i>FEBS Letters</i> , 2010, 584, 2837-2844.	2.8	58
10	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
11	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
12	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
13	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
14	Cysteine Oxidations in Mitochondrial Membrane Proteins: The Case of VDAC Isoforms in Mammals. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 397.	3.7	32
15	High resolution mass spectrometry characterization of the oxidation pattern of methionine and cysteine residues in rat liver mitochondria voltage-dependent anion selective channel 3 (VDAC3). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 301-311.	2.6	29
16	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
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	Voltage Dependent Anion Channel 3 (VDAC3) protects mitochondria from oxidative stress. <i>Redox Biology</i> , 2022, 51, 102264.	9.0	22

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19	A High Resolution Mass Spectrometry Study Reveals the Potential of Disulfide Formation in Human Mitochondrial Voltage-Dependent Anion Selective Channel Isoforms (hVDACs). <i>International Journal of Molecular Sciences</i> , 2020, 21, 1468.	4.1	14
20	Hypoxic-induced truncation of voltage-dependent anion channel 1 is mediated by both asparagine endopeptidase and calpain 1 activities. <i>Oncotarget</i> , 2018, 9, 12825-12841.	1.8	12
21	Post-Translational Modification Analysis of VDAC1 in ALS-SOD1 Model Cells Reveals Specific Asparagine and Glutamine Deamidation. <i>Antioxidants</i> , 2020, 9, 1218.	5.1	10
22	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
23	Voltage-Dependent Anion Selective Channel 3: Unraveling Structural and Functional Features of the Least Known Porin Isoform. <i>Frontiers in Physiology</i> , 2021, 12, 784867.	2.8	7
24	Cell-free electrophysiology of human VDACs incorporated into nanodiscs: An improved method. <i>Biophysical Reports</i> , 2021, 1, 100002.	1.2	6