

Carlo Rodolfo

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,607
citations

361045

20
h-index

414034

32
g-index

33
all docs

33
docs citations

33
times ranked

2345
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations in the XPD helicase gene result in XP and TTD phenotypes, preventing interaction between XPD and the p44 subunit of TFIIH. <i>Nature Genetics</i> , 1998, 20, 184-188.	9.4	320
2	Transglutaminase overexpression sensitizes neuronal cell lines to apoptosis by increasing mitochondrial membrane potential and cellular oxidative stress. <i>Journal of Neurochemistry</i> , 2002, 81, 1061-1072.	2.1	117
3	Fine-tuning of ULK1 mRNA and protein levels is required for autophagy oscillation. <i>Journal of Cell Biology</i> , 2016, 215, 841-856.	2.3	116
4	Inhibition of Tissue Transglutaminase Increases Cell Survival by Preventing Apoptosis. <i>Journal of Biological Chemistry</i> , 1999, 274, 34123-34128.	1.6	104
5	Tissue Transglutaminase Is a Multifunctional BH3-only Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 54783-54792.	1.6	85
6	Mitophagy in neurodegenerative diseases. <i>Neurochemistry International</i> , 2018, 117, 156-166.	1.9	79
7	A structure-based mechanism of cisplatin resistance mediated by glutathione transferase P1-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13943-13951.	3.3	76
8	Human DNA Topoisomerase I-mediated Cleavages Stimulated by Ultraviolet Light-induced DNA Damage. <i>Journal of Biological Chemistry</i> , 1996, 271, 6978-6986.	1.6	68
9	GADD153 and 12-lipoxygenase mediate fenretinide-induced apoptosis of neuroblastoma. <i>Cancer Research</i> , 2002, 62, 5158-67.	0.4	68
10	Tissue transglutaminase contributes to the formation of disulphide bridges in proteins of mitochondrial respiratory complexes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1357-1365.	0.5	67
11	The adenine nucleotide translocator 1 acts as a type 2 transglutaminase substrate: implications for mitochondrial-dependent apoptosis. <i>Cell Death and Differentiation</i> , 2009, 16, 1480-1492.	5.0	59
12	Autophagy in stem and progenitor cells. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 475-496.	2.4	58
13	Characterization of distinct sub-cellular location of transglutaminase type II: changes in intracellular distribution in physiological and pathological states. <i>Cell and Tissue Research</i> , 2014, 358, 793-805.	1.5	43
14	Type 2 Transglutaminase and Cell Death. , 2005, 38, 58-74.		32
15	Type 2 Transglutaminase in Neurodegenerative Diseases: The Mitochondrial Connection. <i>Current Pharmaceutical Design</i> , 2008, 14, 278-288.	0.9	31
16	Ophiobolin A Induces Autophagy and Activates the Mitochondrial Pathway of Apoptosis in Human Melanoma Cells. <i>PLoS ONE</i> , 2016, 11, e0167672.	1.1	29
17	Bak: a downstream mediator of fenretinide-induced apoptosis of SH-SY5Y neuroblastoma cells. <i>Cancer Research</i> , 2003, 63, 7310-3.	0.4	27
18	In vivo evaluation of type 2 transglutaminase contribution to the metastasis formation in melanoma. <i>Amino Acids</i> , 2009, 36, 717-724.	1.2	26

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19	Liposomes loaded with bioactive lipids enhance antibacterial innate immunity irrespective of drug resistance. <i>Scientific Reports</i> , 2017, 7, 45120.	1.6	26
20	Distinct Mechanisms of Pathogenic DJ-1 Mutations in Mitochondrial Quality Control. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 68.	1.4	25
21	Proteomic analysis of mitochondrial dysfunction in neurodegenerative diseases. <i>Expert Review of Proteomics</i> , 2010, 7, 519-542.	1.3	23
22	The ultimate carcinogen of 4-nitroquinoline 1-oxide does not react with Z-DNA and hyperreacts with B-Z junctions. <i>Nucleic Acids Research</i> , 1994, 22, 314-320.	6.5	20
23	“Tissue” Transglutaminase Expression in HIV-Infected Cells. <i>Annals of the New York Academy of Sciences</i> , 2001, 946, 108-120.	1.8	18
24	Transglutaminase 2 at the Crossroads between Cell Death and Survival. <i>Advances in Enzymology and Related Areas of Molecular Biology</i> , 2011, 78, 197-246.	1.3	18
25	Value-added co-products from biomass of the diatoms <i>Staurosirella pinnata</i> and <i>Phaeodactylum tricornutum</i> . <i>Algal Research</i> , 2020, 47, 101830.	2.4	18
26	Ceramide accumulation precedes caspase-dependent apoptosis in CHP-100 neuroepithelioma cells exposed to the protein phosphatase inhibitor okadaic acid. <i>Cell Death and Differentiation</i> , 1999, 6, 618-623.	5.0	11
27	Do You Remember Mitochondria?. <i>Frontiers in Physiology</i> , 2020, 11, 271.	1.3	10
28	Type 2 transglutaminase in neurodegenerative diseases: the mitochondrial connection. <i>Current Pharmaceutical Design</i> , 2008, 14, 278-88.	0.9	10
29	Are we out of the infancy of microalgae-based drug discovery?. <i>Algal Research</i> , 2021, 54, 102173.	2.4	8
30	<i>Plasmodium falciparum</i> liver stage antigen-1 is cross-linked by tissue transglutaminase. <i>Malaria Journal</i> , 2011, 10, 14.	0.8	7
31	Does cytoskeleton “Akt”™ in apoptosis?. <i>Cell Death and Differentiation</i> , 2002, 9, 477-478.	5.0	3
32	Revisited role of TRAF2 and TRAF2 C-terminal domain in endoplasmic reticulum stress-induced autophagy in HAP1 leukemia cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 145, 106193.	1.2	3
33	Chapter Ten More Than Two Sides of a Coin?. <i>Methods in Enzymology</i> , 2008, 442, 201-212.	0.4	2