

Luca Pellegrini

List of Publications by Year in descending order

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34
papers

3,666
citations

218677

26
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

4910
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Rhomboid PARL Regulates Cytochrome c Release during Apoptosis via OPA1-Dependent Cristae Remodeling. <i>Cell</i> , 2006, 126, 163-175.	28.9	648
2	Coming together to define membrane contact sites. <i>Nature Communications</i> , 2019, 10, 1287.	12.8	435
3	The coming of age of the mitochondria-ER contact: a matter of thickness. <i>Cell Death and Differentiation</i> , 2016, 23, 1417-1427.	11.2	294
4	Cloning of AIP1, a Novel Protein That Associates with the Apoptosis-linked Gene ALG-2 in a Ca ²⁺ -dependent Reaction. <i>Journal of Biological Chemistry</i> , 1999, 274, 1533-1540.	3.4	222
5	Generation of an Apoptotic Intracellular Peptide by β -Secretase Cleavage of Alzheimer's Amyloid A β Protein Precursor. <i>Journal of Alzheimer's Disease</i> , 2000, 2, 289-301.	2.6	195
6	The rhomboids: a nearly ubiquitous family of intramembrane serine proteases that probably evolved by multiple ancient horizontal gene transfers. <i>Genome Biology</i> , 2003, 4, R19.	9.6	189
7	Phenylalanine Ammonia-Lyase in Tobacco (Molecular Cloning and Gene Expression during the) Tj ETQq1 1 0.784314 rgBT /Overlock 1071 Physiology, 1994, 106, 877-886.	4.8	169
8	Alternative, Non-secretase Processing of Alzheimer's A β -Amyloid Precursor Protein during Apoptosis by Caspase-6 and -8. <i>Journal of Biological Chemistry</i> , 1999, 274, 21011-21016.	3.4	148
9	A Mitofusin-2-dependent inactivating cleavage of Opa1 links changes in mitochondria cristae and ER contacts in the postprandial liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16017-16022.	7.1	148
10	Optic Atrophy 1 Is Epistatic to the Core MICOS Component MIC60 in Mitochondrial Cristae Shape Control. <i>Cell Reports</i> , 2016, 17, 3024-3034.	6.4	127
11	A cut short to death: Parl and Opa1 in the regulation of mitochondrial morphology and apoptosis. <i>Cell Death and Differentiation</i> , 2007, 14, 1275-1284.	11.2	121
12	Interaction of Alzheimer's Presenilin-1 and Presenilin-2 with Bcl-XL. <i>Journal of Biological Chemistry</i> , 1999, 274, 24007-24013.	3.4	99
13	Molecular Cloning and Expression of a New Class of Ortho-Diphenol-O-Methyltransferases Induced in Tobacco (<i>Nicotiana tabacum</i> L.) Leaves by Infection or Elicitor Treatment. <i>Plant Physiology</i> , 1993, 103, 509-517.	4.8	97
14	The dynamin GTPase OPA1: More than mitochondria?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 176-183.	4.1	90
15	Phosphorylation and cleavage of presenilin-associated rhomboid-like protein (PARL) promotes changes in mitochondrial morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18562-18567.	7.1	84
16	Mitochondria-rough-ER contacts in the liver regulate systemic lipid homeostasis. <i>Cell Reports</i> , 2021, 34, 108873.	6.4	76
17	PAMP and PARL, two novel putative metalloproteases interacting with the COOH-terminus of Presenilin-1 and -2. <i>Journal of Alzheimer's Disease</i> , 2001, 3, 181-190.	2.6	61
18	Calcium regulation of mitochondria motility and morphology. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 1363-1373.	1.0	61

#	ARTICLE	IF	CITATIONS
19	Self-regulated Cleavage of the Mitochondrial Intramembrane-cleaving Protease PARL Yields Pî ² , a Nuclear-targeted Peptide. <i>Journal of Biological Chemistry</i> , 2004, 279, 15323-15329.	3.4	60
20	Cell type-specific action of seizure-induced intracellular zinc accumulation in the rat hippocampus. <i>Journal of Physiology</i> , 2005, 566, 821-837.	2.9	51
21	Analysis of the Methylation Pattern of the Maize Opaque-2 (O2) Promoter and in Vitro Binding Studies Indicate That the O2 B-Zip Protein and Other Endosperm Factors Can Bind to Methylated Target Sequences. <i>Journal of Biological Chemistry</i> , 1997, 272, 13758-13765.	3.4	41
22	Phosphatases control PKA-dependent functional microdomains at the outer mitochondrial membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6497-E6506.	7.1	41
23	Extracellular chelation of zinc does not affect hippocampal excitability and seizure-induced cell death in rats. <i>Journal of Physiology</i> , 2007, 578, 275-289.	2.9	40
24	Vesicular Zinc Regulates the Ca ²⁺ Sensitivity of a Subpopulation of Presynaptic Vesicles at Hippocampal Mossy Fiber Terminals. <i>Journal of Neuroscience</i> , 2011, 31, 18251-18265.	3.6	33
25	Mitochondrion-dependent N-terminal Processing of Outer Membrane Mcl-1 Protein Removes an Essential Mule/Lasu1 Protein-binding Site. <i>Journal of Biological Chemistry</i> , 2011, 286, 25098-25107.	3.4	30
26	The PARL family of mitochondrial rhomboid proteases. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 582-592.	5.0	28
27	<i>Treponema pallidum</i> (syphilis) antigen TpF1 induces angiogenesis through the activation of the IL-8 pathway. <i>Scientific Reports</i> , 2016, 6, 18785.	3.3	27
28	A three-organelle complex made by wrappER contacts with peroxisomes and mitochondria responds to liver lipid flux changes. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	20
29	The making of a mammalian peroxisome, version 2.0: mitochondria get into the mix. <i>Cell Death and Differentiation</i> , 2017, 24, 1148-1152.	11.2	15
30	Rhomboid proteases in mitochondria and plastids: Keeping organelles in shape. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 371-380.	4.1	12
31	Isolation and analysis of fractions enriched in WrappER-associated mitochondria from mouse liver. <i>STAR Protocols</i> , 2021, 2, 100752.	1.2	2
32	An ode to mitochondria biologists, new and old. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 1.	2.1	1
33	Title is missing!. <i>Genome Biology</i> , 2002, 3, preprint0010.1.	9.6	0
34	EMBO Workshop: Membrane Contact Sites in Health and Disease. Contact (Thousand Oaks (Ventura) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.3	0