

Francesco Cecconi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5083581/publications.pdf>

Version: 2024-02-01

200
papers

37,362
citations

17405

63
h-index

3394

183
g-index

207
all docs

207
docs citations

207
times ranked

48180
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
3	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
4	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	4.3	2,064
5	Oxidative stress and autophagy: the clash between damage and metabolic needs. <i>Cell Death and Differentiation</i> , 2015, 22, 377-388.	5.0	1,505
6	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	3.5	1,230
7	Regulation of autophagy by cytoplasmic p53. <i>Nature Cell Biology</i> , 2008, 10, 676-687.	4.6	1,025
8	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015, 34, 856-880.	3.5	1,012
9	Ambra1 regulates autophagy and development of the nervous system. <i>Nature</i> , 2007, 447, 1121-1125.	13.7	889
10	Apaf1 (CED-4 Homolog) Regulates Programmed Cell Death in Mammalian Development. <i>Cell</i> , 1998, 94, 727-737.	13.5	843
11	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015, 22, 58-73.	5.0	811
12	Glial cells generate neurons: the role of the transcription factor Pax6. <i>Nature Neuroscience</i> , 2002, 5, 308-315.	7.1	701
13	mTOR inhibits autophagy by controlling ULK1 ubiquitylation, self-association and function through AMBRA1 and TRAF6. <i>Nature Cell Biology</i> , 2013, 15, 406-416.	4.6	662
14	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	3.5	615
15	Cannabinoid action induces autophagy-mediated cell death through stimulation of ER stress in human glioma cells. <i>Journal of Clinical Investigation</i> , 2009, 119, 1359-1372.	3.9	585
16	Apaf-1 is a transcriptional target for E2F and p53. <i>Nature Cell Biology</i> , 2001, 3, 552-558.	4.6	552
17	Apoptosis initiated by Bcl-2-regulated caspase activation independently of the cytochrome c/Apaf-1/caspase-9 apoptosome. <i>Nature</i> , 2002, 419, 634-637.	13.7	517
18	The Role of Autophagy in Mammalian Development: Cell Makeover Rather than Cell Death. <i>Developmental Cell</i> , 2008, 15, 344-357.	3.1	481

#	ARTICLE	IF	CITATIONS
19	Caspase-3 triggers early synaptic dysfunction in a mouse model of Alzheimer's disease. <i>Nature Neuroscience</i> , 2011, 14, 69-76.	7.1	479
20	Apoptosis-inducing factor (AIF): key to the conserved caspase-independent pathways of cell death?. <i>Journal of Cell Science</i> , 2002, 115, 4727-4734.	1.2	452
21	Apoptosis-inducing factor is involved in the regulation of caspase-independent neuronal cell death. <i>Journal of Cell Biology</i> , 2002, 158, 507-517.	2.3	434
22	The dynamic interaction of AMBRA1 with the dynein motor complex regulates mammalian autophagy. <i>Journal of Cell Biology</i> , 2010, 191, 155-168.	2.3	432
23	Mitochondrial release of AIF and EndoG requires caspase activation downstream of Bax/Bak-mediated permeabilization. <i>EMBO Journal</i> , 2003, 22, 4385-4399.	3.5	383
24	Neuronal caspase-3 signaling: not only cell death. <i>Cell Death and Differentiation</i> , 2010, 17, 1104-1114.	5.0	368
25	Inflammation Triggers Synaptic Alteration and Degeneration in Experimental Autoimmune Encephalomyelitis. <i>Journal of Neuroscience</i> , 2009, 29, 3442-3452.	1.7	331
26	Interdigital cell death can occur through a necrotic and caspase-independent pathway. <i>Current Biology</i> , 1999, 9, 967-S1.	1.8	300
27	A dual role of p53 in the control of autophagy. <i>Autophagy</i> , 2008, 4, 810-814.	4.3	296
28	AMBRA1 is able to induce mitophagy via LC3 binding, regardless of PARKIN and p62/SQSTM1. <i>Cell Death and Differentiation</i> , 2015, 22, 419-432.	5.0	294
29	Autophagy and cancer stem cells: molecular mechanisms and therapeutic applications. <i>Cell Death and Differentiation</i> , 2019, 26, 690-702.	5.0	266
30	Autophagy induction impairs migration and invasion by reversing EMT in glioblastoma cells. <i>Molecular Oncology</i> , 2015, 9, 1612-1625.	2.1	245
31	Autophagy in the CNS and Periphery Coordinate Lipophagy and Lipolysis in the Brown Adipose Tissue and Liver. <i>Cell Metabolism</i> , 2016, 23, 113-127.	7.2	230
32	Mitochondrial BCL-2 inhibits AMBRA1-induced autophagy. <i>EMBO Journal</i> , 2011, 30, 1195-1208.	3.5	206
33	AMBRA1 links autophagy to cell proliferation and tumorigenesis by promoting c-Myc dephosphorylation and degradation. <i>Nature Cell Biology</i> , 2015, 17, 20-30.	4.6	200
34	HUWE1 E3 ligase promotes PINK1/PARKIN-independent mitophagy by regulating AMBRA1 activation via IKK $\hat{\pm}$. <i>Nature Communications</i> , 2018, 9, 3755.	5.8	198
35	Caspase-3 in the central nervous system: beyond apoptosis. <i>Trends in Neurosciences</i> , 2012, 35, 700-709.	4.2	195
36	Iron-Starvation-Induced Mitophagy Mediates Lifespan Extension upon Mitochondrial Stress in <i>C.Âlegans</i> . <i>Current Biology</i> , 2015, 25, 1810-1822.	1.8	188

#	ARTICLE	IF	CITATIONS
37	APAF1 is a key transcriptional target for p53 in the regulation of neuronal cell death. <i>Journal of Cell Biology</i> , 2001, 155, 207-216.	2.3	184
38	Caspase-2 is not required for thymocyte or neuronal apoptosis even though cleavage of caspase-2 is dependent on both Apaf-1 and caspase-9. <i>Cell Death and Differentiation</i> , 2002, 9, 832-841.	5.0	170
39	Autophagic and apoptotic response to stress signals in mammalian cells. <i>Archives of Biochemistry and Biophysics</i> , 2007, 462, 210-219.	1.4	162
40	Autophagy and the Cell Cycle: A Complex Landscape. <i>Frontiers in Oncology</i> , 2017, 7, 51.	1.3	156
41	Atg5 and Ambra1 differentially modulate neurogenesis in neural stem cells. <i>Autophagy</i> , 2012, 8, 187-199.	4.3	153
42	Unsaturated fatty acids induce non-canonical autophagy. <i>EMBO Journal</i> , 2015, 34, 1025-1041.	3.5	147
43	Proteolysis of Ambra1 during apoptosis has a role in the inhibition of the autophagic pro-survival response. <i>Cell Death and Differentiation</i> , 2012, 19, 1495-1504.	5.0	134
44	A β Toxicity in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2012, 45, 366-378.	1.9	134
45	S-nitrosylation drives cell senescence and aging in mammals by controlling mitochondrial dynamics and mitophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3388-E3397.	3.3	128
46	AMBRA1 Interplay with Cullin E3 Ubiquitin Ligases Regulates Autophagy Dynamics. <i>Developmental Cell</i> , 2014, 31, 734-746.	3.1	127
47	Nonapoptotic Role for Apaf-1 in the DNA Damage Checkpoint. <i>Molecular Cell</i> , 2007, 28, 624-637.	4.5	116
48	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
49	Apaf1 and the apoptotic machinery. <i>Cell Death and Differentiation</i> , 1999, 6, 1087-1098.	5.0	110
50	Endoplasmic Reticulum Stress Induces Apoptosis by an Apoptosome-dependent but Caspase 12-independent Mechanism. <i>Journal of Biological Chemistry</i> , 2006, 281, 2693-2700.	1.6	108
51	The autophagy regulators Ambra1 and Beclin 1 are required for adult neurogenesis in the brain subventricular zone. <i>Cell Death and Disease</i> , 2014, 5, e1403-e1403.	2.7	108
52	Autophagy regulates satellite cell ability to regenerate normal and dystrophic muscles. <i>Cell Death and Differentiation</i> , 2016, 23, 1839-1849.	5.0	102
53	The Role of Autophagy During Development in Higher Eukaryotes. <i>Traffic</i> , 2010, 11, 1280-1289.	1.3	99
54	Schwann cell autophagy counteracts the onset and chronification of neuropathic pain. <i>Pain</i> , 2014, 155, 93-107.	2.0	98

#	ARTICLE	IF	CITATIONS
55	Stimulation of autophagy by rapamycin protects neurons from remote degeneration after acute focal brain damage. <i>Autophagy</i> , 2012, 8, 222-235.	4.3	91
56	Maize polyamine oxidase: primary structure from protein and cDNA sequencing. <i>FEBS Letters</i> , 1998, 426, 62-66.	1.3	89
57	New Insights into the Link Between DNA Damage and Apoptosis. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 559-571.	2.5	89
58	Rapamycin and fasting sustain autophagy response activated by ischemia/reperfusion injury and promote retinal ganglion cell survival. <i>Cell Death and Disease</i> , 2018, 9, 981.	2.7	89
59	Apoptosis is not required for mammalian neural tube closure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8233-8238.	3.3	83
60	Mitophagy in neurodegenerative diseases. <i>Neurochemistry International</i> , 2018, 117, 156-166.	1.9	79
61	CRL4AMBRA1 is a master regulator of D-type cyclins. <i>Nature</i> , 2021, 592, 789-793.	13.7	78
62	AMBRA1 regulates cyclin D to guard S-phase entry and genomic integrity. <i>Nature</i> , 2021, 592, 799-803.	13.7	78
63	Ambra1 at a glance. <i>Journal of Cell Science</i> , 2015, 128, 2003-2008.	1.2	76
64	Mitochondrial dismissal in mammals, from protein degradation to mitophagy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 451-460.	0.5	70
65	Reactivation of autophagy by spermidine ameliorates the myopathic defects of collagen VI-null mice. <i>Autophagy</i> , 2015, 11, 2142-2152.	4.3	70
66	Reduced cathepsins B and D cause impaired autophagic degradation that can be almost completely restored by overexpression of these two proteases in Sap C-deficient fibroblasts. <i>Human Molecular Genetics</i> , 2012, 21, 5159-5173.	1.4	68
67	<i>S</i> -nitrosylation of the Mitochondrial Chaperone TRAP1 Sensitizes Hepatocellular Carcinoma Cells to Inhibitors of Succinate Dehydrogenase. <i>Cancer Research</i> , 2016, 76, 4170-4182.	0.4	64
68	Type 2 transglutaminase is involved in the autophagy-dependent clearance of ubiquitinated proteins. <i>Cell Death and Differentiation</i> , 2012, 19, 1228-1238.	5.0	62
69	Selective autophagy maintains centrosome integrity and accurate mitosis by turnover of centriolar satellites. <i>Nature Communications</i> , 2019, 10, 4176.	5.8	61
70	Expression of Meis2, a Knotted-related murine homeobox gene, indicates a role in the differentiation of the forebrain and the somitic mesoderm. , 1997, 210, 184-190.		60
71	A cross-sectional and prospective cohort study of the role of schools in the SARS-CoV-2 second wave in Italy. <i>Lancet Regional Health - Europe</i> , The, 2021, 5, 100092.	3.0	59
72	Autophagy in stem and progenitor cells. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 475-496.	2.4	58

#	ARTICLE	IF	CITATIONS
73	Expanding roles of programmed cell death in mammalian neurodevelopment. <i>Seminars in Cell and Developmental Biology</i> , 2005, 16, 281-294.	2.3	57
74	AMBRA1-Mediated Mitophagy Counteracts Oxidative Stress and Apoptosis Induced by Neurotoxicity in Human Neuroblastoma SH-SY5Y Cells. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 92.	1.8	57
75	Early Biochemical and Morphological Modifications in the Brain of a Transgenic Mouse Model of Alzheimer's Disease: A Role for Peroxisomes. <i>Journal of Alzheimer's Disease</i> , 2009, 18, 935-952.	1.2	56
76	Physiological and pathological roles of Apaf1 and the apoptosome. <i>Journal of Cellular and Molecular Medicine</i> , 2003, 7, 21-34.	1.6	55
77	A Novel Role for Autophagy in Neurodevelopment. <i>Autophagy</i> , 2007, 3, 505-507.	4.3	54
78	The involvement of cell death and survival in neural tube defects: a distinct role for apoptosis and autophagy?. <i>Cell Death and Differentiation</i> , 2008, 15, 1170-1177.	5.0	54
79	Foregut separation and tracheo-oesophageal malformations: The role of tracheal outgrowth, dorso-ventral patterning and programmed cell death. <i>Developmental Biology</i> , 2010, 337, 351-362.	0.9	54
80	Caspase-8 and Apaf-1-independent Caspase-9 Activation in Sendai Virus-infected Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 29817-29824.	1.6	53
81	Age-dependent roles of peroxisomes in the hippocampus of a transgenic mouse model of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2013, 8, 8.	4.4	53
82	U17XS8, a small nucleolar RNA with a 12 nt complementarity to 18S rRNA and coded by a sequence repeated in the six introns of <i>Xenopus laevis</i> ribosomal protein S8 gene. <i>Nucleic Acids Research</i> , 1994, 22, 732-741.	6.5	51
83	Unleashing the Ambra1-Beclin 1 complex from dynein chains: Ulk1 sets Ambra1 free to induce autophagy. <i>Autophagy</i> , 2011, 7, 115-117.	4.3	51
84	Conditional activation of Pax6 in the developing cortex of transgenic mice causes progenitor apoptosis. <i>Development (Cambridge)</i> , 2007, 134, 1311-1322.	1.2	48
85	Apaf1-dependent programmed cell death is required for inner ear morphogenesis and growth. <i>Development (Cambridge)</i> , 2004, 131, 2125-2135.	1.2	47
86	Apoptosome-deficient Cells Lose Cytochrome <i>c</i> through Proteasomal Degradation but Survive by Autophagy-dependent Glycolysis. <i>Molecular Biology of the Cell</i> , 2008, 19, 3576-3588.	0.9	47
87	HUWE1 controls MCL1 stability to unleash AMBRA1-induced mitophagy. <i>Cell Death and Differentiation</i> , 2020, 27, 1155-1168.	5.0	47
88	The Apoptosome: Emerging Insights and New Potential Targets for Drug Design. <i>Pharmaceutical Research</i> , 2008, 25, 740-751.	1.7	46
89	A gene toolbox for monitoring autophagy transcription. <i>Cell Death and Disease</i> , 2021, 12, 1044.	2.7	46
90	A New Transgenic Mouse Model for Studying the Neurotoxicity of Spermine Oxidase Dosage in the Response to Excitotoxic Injury. <i>PLoS ONE</i> , 2013, 8, e64810.	1.1	43

#	ARTICLE	IF	CITATIONS
91	Apoptosome inactivation rescues proneural and neural cells from neurodegeneration. <i>Cell Death and Differentiation</i> , 2004, 11, 1179-1191.	5.0	42
92	<i>S</i> -Nitrosoglutathione Reductase Deficiency-Induced <i>S</i> -Nitrosylation Results in Neuromuscular Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 570-587.	2.5	42
93	Apaf1 plays a pro-survival role by regulating centrosome morphology and function. <i>Journal of Cell Science</i> , 2011, 124, 3450-3463.	1.2	41
94	Involvement of peroxisome proliferator-activated receptor γ (PPAR γ) in BDNF signaling during aging and in Alzheimer disease: Possible role of 4-hydroxynonenal (4-HNE). <i>Cell Cycle</i> , 2014, 13, 1335-1344.	1.3	41
95	Human Genome and Diseases: Apaf1 in developmental apoptosis and cancer: how many ways to die?. <i>Cellular and Molecular Life Sciences</i> , 2001, 58, 1688-1697.	2.4	40
96	<i>MIR7</i> ^{3HG} , a MYC-dependent modulator of cell proliferation, inhibits autophagy by a regulatory loop involving AMBRA1. <i>Autophagy</i> , 2017, 13, 554-566.	4.3	38
97	Autophagy up and down by outsmarting the incredible ULK. <i>Autophagy</i> , 2017, 13, 967-968.	4.3	38
98	The pro-oxidant adaptor p66SHC promotes B cell mitophagy by disrupting mitochondrial integrity and recruiting LC3-II. <i>Autophagy</i> , 2018, 14, 2117-2138.	4.3	38
99	A brain-specific isoform of mitochondrial apoptosis-inducing factor: AIF2. <i>Cell Death and Differentiation</i> , 2010, 17, 1155-1166.	5.0	37
100	Expression of Ambra1 in mouse brain during physiological and Alzheimer type aging. <i>Neurobiology of Aging</i> , 2014, 35, 96-108.	1.5	37
101	To eat, or NOT to eat: <i>S</i> -nitrosylation signaling in autophagy. <i>FEBS Journal</i> , 2016, 283, 3857-3869.	2.2	37
102	Zebrafish ambra1a and ambra1b Knockdown Impairs Skeletal Muscle Development. <i>PLoS ONE</i> , 2014, 9, e99210.	1.1	36
103	The <i>Xenopus</i> intron-encoded U17 snoRNA is produced by exonucleolytic processing of its precursor in oocytes. <i>Nucleic Acids Research</i> , 1995, 23, 4670-4676.	6.5	35
104	mTOR, AMBRA1, and autophagy: An intricate relationship. <i>Cell Cycle</i> , 2013, 12, 2524-2525.	1.3	35
105	Prosurvival AMBRA1 turns into a proapoptotic BH3-like protein during mitochondrial apoptosis. <i>Autophagy</i> , 2016, 12, 963-975.	4.3	35
106	AMBRA1 Controls Regulatory T-Cell Differentiation and Homeostasis Upstream of the FOXO3-FOXP3 Axis. <i>Developmental Cell</i> , 2018, 47, 592-607.e6.	3.1	34
107	Gene trap: a way to identify novel genes and unravel their biological function. <i>FEBS Letters</i> , 2000, 480, 63-71.	1.3	33
108	Autophagy induction impairs Wnt/ β -catenin signalling through β -catenin relocalisation in glioblastoma cells. <i>Cellular Signalling</i> , 2019, 53, 357-364.	1.7	33

#	ARTICLE	IF	CITATIONS
109	A functional role for some Fugu introns larger than the typical short ones: the example of the gene coding for ribosomal protein S7 and snoRNA U17. <i>Nucleic Acids Research</i> , 1996, 24, 3167-3172.	6.5	32
110	AMBRA1 and BECLIN 1 interplay in the crosstalk between autophagy and cell proliferation. <i>Cell Cycle</i> , 2015, 14, 959-963.	1.3	32
111	Astrocyte-Dependent Vulnerability to Excitotoxicity in Spermine Oxidase-Overexpressing Mouse. <i>NeuroMolecular Medicine</i> , 2016, 18, 50-68.	1.8	32
112	Sexual dimorphism of AMBRA1-related autistic features in human and mouse. <i>Translational Psychiatry</i> , 2017, 7, e1247-e1247.	2.4	32
113	Ambra1 spatially regulates Src activity and Src/FAK-mediated cancer cell invasion via trafficking networks. <i>ELife</i> , 2017, 6, .	2.8	32
114	Caspase regulation of genotoxin-induced neural precursor cell death. <i>Journal of Neuroscience Research</i> , 2003, 74, 435-445.	1.3	31
115	Adaptive responses of heart and skeletal muscle to spermine oxidase overexpression: Evaluation of a new transgenic mouse model. <i>Free Radical Biology and Medicine</i> , 2017, 103, 216-225.	1.3	31
116	Oxidative Stress during the Progression of β -Amyloid Pathology in the Neocortex of the Tg2576 Mouse Model of Alzheimer's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-18.	1.9	30
117	Loss of Ambra1 promotes melanoma growth and invasion. <i>Nature Communications</i> , 2021, 12, 2550.	5.8	30
118	Redox activation of ATM enhances GSNOR translation to sustain mitophagy and tolerance to oxidative stress. <i>EMBO Reports</i> , 2021, 22, e50500.	2.0	30
119	Expression of Foxb1 Reveals Two Strategies for the Formation of Nuclei in the Developing Ventral Diencephalon. <i>Developmental Neuroscience</i> , 2000, 22, 197-206.	1.0	29
120	Connecting autophagy: AMBRA1 and its network of regulation. <i>Molecular and Cellular Oncology</i> , 2015, 2, e970059.	0.3	28
121	Ambra1 Shapes Hippocampal Inhibition/Excitation Balance: Role in Neurodevelopmental Disorders. <i>Molecular Neurobiology</i> , 2018, 55, 7921-7940.	1.9	28
122	Age related retinal Ganglion cell susceptibility in context of autophagy deficiency. <i>Cell Death Discovery</i> , 2020, 6, 21.	2.0	28
123	Unique features in the mitochondrial D-loop region of the European seabass <i>Dicentrarchus labrax</i> . <i>Gene</i> , 1995, 160, 149-155.	1.0	27
124	Macroautophagy inhibition maintains fragmented mitochondria to foster T cell receptor-dependent apoptosis. <i>EMBO Journal</i> , 2016, 35, 1793-1809.	3.5	27
125	Reversible induction of mitophagy by an optogenetic bimodular system. <i>Nature Communications</i> , 2019, 10, 1533.	5.8	27
126	Liposomes loaded with bioactive lipids enhance antibacterial innate immunity irrespective of drug resistance. <i>Scientific Reports</i> , 2017, 7, 45120.	1.6	26

#	ARTICLE	IF	CITATIONS
127	Apaf1 mediates apoptosis and mitochondrial damage induced by mutant human SOD1s typical of familial amyotrophic lateral sclerosis. <i>Neurobiology of Disease</i> , 2006, 21, 69-79.	2.1	25
128	The DNA repair complex Ku70/86 modulates Apaf1 expression upon DNA damage. <i>Cell Death and Differentiation</i> , 2011, 18, 516-527.	5.0	22
129	Sequence of the gene coding for ribosomal protein S8 of <i>Xenopus laevis</i> . <i>Gene</i> , 1993, 132, 255-260.	1.0	21
130	Targeting cancer stem cells in medulloblastoma by inhibiting AMBRA1 dual function in autophagy and STAT3 signalling. <i>Acta Neuropathologica</i> , 2021, 142, 537-564.	3.9	21
131	Structure and expression of ribosomal protein genes in <i>Xenopus laevis</i> . <i>Biochemistry and Cell Biology</i> , 1995, 73, 969-977.	0.9	20
132	Oxidative DNA Damage in Neurons: Implication of Ku in Neuronal Homeostasis and Survival. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-8.	1.0	18
133	Comparative Structure Analysis of Vertebrate U17 Small Nucleolar RNA (snoRNA). <i>Journal of Molecular Evolution</i> , 2002, 54, 166-179.	0.8	17
134	AMBRA1: When autophagy meets cell proliferation. <i>Autophagy</i> , 2015, 11, 1705-1707.	4.3	17
135	The fork head transcription factor Fkh5/Mf3 is a developmental marker gene for superior colliculus layers and derivatives of the hindbrain somatic afferent zone. <i>Developmental Brain Research</i> , 1999, 112, 205-215.	2.1	16
136	The multifaceted mitochondrion: An attractive candidate for therapeutic strategies. <i>Pharmacological Research</i> , 2015, 99, 425-433.	3.1	16
137	The epg5 knockout zebrafish line: a model to study Vici syndrome. <i>Autophagy</i> , 2019, 15, 1438-1454.	4.3	16
138	JNK1 and ERK1/2 modulate lymphocyte homeostasis via BIM and DRP1 upon AICD induction. <i>Cell Death and Differentiation</i> , 2020, 27, 2749-2767.	5.0	16
139	Structural and Sequence Evolution of U17 Small Nucleolar RNA (snoRNA) and Its Phylogenetic Congruence in Chelonians. <i>Journal of Molecular Evolution</i> , 2003, 57, 73-84.	0.8	15
140	TFG binds LC3C to regulate ULK1 localization and autophagosome formation. <i>EMBO Journal</i> , 2021, 40, e103563.	3.5	15
141	Apoptosome impairment during development results in activation of an autophagy program in cerebral cortex. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1595-1602.	2.2	14
142	Fugu intron oversize reveals the presence of U15 snoRNA coding sequences in some introns of the ribosomal protein S3 gene. <i>Genome Research</i> , 1996, 6, 1227-1231.	2.4	13
143	XIAP: inhibitor of two worlds. <i>EMBO Journal</i> , 2013, 32, 2187-2188.	3.5	13
144	Novel inducers of BECN1-independent autophagy: cis-unsaturated fatty acids. <i>Autophagy</i> , 2015, 11, 575-577.	4.3	13

#	ARTICLE	IF	CITATIONS
145	c-Cbl targets active Src for autophagy. <i>Nature Cell Biology</i> , 2012, 14, 48-49.	4.6	12
146	<i>S</i> -Nitrosoglutathione Reductase Plays Opposite Roles in SH-SY5Y Models of Parkinson's Disease and Amyotrophic Lateral Sclerosis. <i>Mediators of Inflammation</i> , 2015, 2015, 1-12.	1.4	12
147	Emerging roles of HECT-type E3 ubiquitin ligases in autophagy regulation. <i>Molecular Oncology</i> , 2019, 13, 2033-2048.	2.1	12
148	Clinical and molecular characterization of patients with adenylosuccinate lyase deficiency. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 112.	1.2	12
149	Ambra1 deficiency impairs mitophagy in skeletal muscle. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 2211-2224.	2.9	12
150	Faf1 is expressed during neurodevelopment and is involved in Apaf1-dependent caspase-3 activation in proneural cells. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 1780-1790.	2.4	11
151	Autophagy regulation by miRNAs: when cleaning goes out of service. <i>EMBO Journal</i> , 2011, 30, 4517-4519.	3.5	11
152	Altered Mitochondria Morphology and Cell Metabolism in Apaf1-Deficient Cells. <i>PLoS ONE</i> , 2014, 9, e84666.	1.1	11
153	A novel player in the p53-mediated autophagy: Sestrin2. <i>Cell Cycle</i> , 2009, 8, 1466-1470.	1.3	10
154	Targeting Ions-Induced Autophagy in Cancer. <i>Cancer Cell</i> , 2014, 26, 599-600.	7.7	10
155	Do You Remember Mitochondria?. <i>Frontiers in Physiology</i> , 2020, 11, 271.	1.3	10
156	Different Role of Apaf-1 in Positive Selection, Negative Selection and Death by Neglect in Foetal Thymic Organ Culture. <i>Scandinavian Journal of Immunology</i> , 2002, 56, 174-184.	1.3	9
157	Analysis of apoptosome dysregulation in pancreatic cancer and of its role in chemoresistance. <i>Cancer Biology and Therapy</i> , 2007, 6, 209-217.	1.5	9
158	Non-apoptotic roles for death-related molecules: When mitochondria chose cell fate. <i>Experimental Cell Research</i> , 2012, 318, 1309-1315.	1.2	9
159	AMBRA1-induced mitophagy: A new mechanism to cope with cancer?. <i>Molecular and Cellular Oncology</i> , 2015, 2, e975647.	0.3	9
160	ULK1 ubiquitylation is regulated by phosphorylation on its carboxy terminus. <i>Cell Cycle</i> , 2017, 16, 1744-1747.	1.3	9
161	A mild form of adenylosuccinate lyase deficiency in absence of typical brain MRI features diagnosed by whole exome sequencing. <i>Italian Journal of Pediatrics</i> , 2017, 43, 65.	1.0	9
162	nNOS/GSNOR interaction contributes to skeletal muscle differentiation and homeostasis. <i>Cell Death and Disease</i> , 2019, 10, 354.	2.7	9

#	ARTICLE	IF	CITATIONS
163	Intracellular bacteriolysis triggers a massive apoptotic cell death in Shigella-infected epithelial cells. <i>Microbes and Infection</i> , 2008, 10, 1114-1123.	1.0	8
164	Apaf1 in embryonic development - shaping life by death, and more. <i>International Journal of Developmental Biology</i> , 2015, 59, 33-39.	0.3	8
165	Altered Tregs Differentiation and Impaired Autophagy Correlate to Atherosclerotic Disease. <i>Frontiers in Immunology</i> , 2020, 11, 350.	2.2	8
166	c-FLIP regulates autophagy by interacting with Beclin-1 and influencing its stability. <i>Cell Death and Disease</i> , 2021, 12, 686.	2.7	8
167	Localization of Apaf1 gene expression in the early development of the mouse by means of in situ reverse transcriptase-polymerase chain reaction. <i>Developmental Dynamics</i> , 2005, 234, 215-221.	0.8	7
168	Zebrafish <i>ambra1a</i> and <i>ambra1b</i> Silencing Affect Heart Development. <i>Zebrafish</i> , 2020, 17, 163-176.	0.5	7
169	Cloud hunting: doryphagy, a form of selective autophagy that degrades centriolar satellites. <i>Autophagy</i> , 2020, 16, 379-381.	4.3	6
170	Cloning and characterization of the European seabass, <i>Dicentrarchus labrax</i> , mitochondrial genome. <i>Current Genetics</i> , 1994, 26, 139-145.	0.8	5
171	From ES Cells to Mice: The Gene Trap Approach. , 2002, 185, 335-346.		5
172	Apaf1 reduced expression levels generate a mutant phenotype in adult brain and skeleton. <i>Cell Death and Differentiation</i> , 2002, 9, 340-342.	5.0	5
173	Autophagy-dependent NF κ B regulation. <i>Cell Cycle</i> , 2012, 11, 436-437.	1.3	5
174	Prolonged Pseudohypoxia Targets Ambra1 mRNA to P-Bodies for Translational Repression. <i>PLoS ONE</i> , 2015, 10, e0129750.	1.1	5
175	Autophagy, replication stress and DNA synthesis, an intricate relationship. <i>Cell Death and Differentiation</i> , 2020, 27, 829-830.	5.0	5
176	Sequence of the mitochondrial tRNAThr and tRNAPro; genes from European seabass, <i>Dicentrarchus labrax</i> . <i>Nucleic Acids Research</i> , 1993, 21, 2253-2253.	6.5	4
177	Very mild isolated intellectual disability caused by adenylosuccinate lyase deficiency: a new phenotype. <i>Molecular Genetics and Metabolism Reports</i> , 2020, 23, 100592.	0.4	4
178	Apaf1 is no longer single. <i>Cell Death and Differentiation</i> , 2001, 8, 773-775.	5.0	3
179	Chapter 15 Analysis of Neuronal Cell Death in Mammals. <i>Methods in Enzymology</i> , 2008, 446, 259-276.	0.4	3
180	Autophagy, Inflammation, and Metabolism (AIM) Center of Biomedical Research Excellence: supporting the next generation of autophagy researchers and fostering international collaborations. <i>Autophagy</i> , 2018, 14, 925-929.	4.3	3

#	ARTICLE	IF	CITATIONS
181	Apoptosome Structure and Regulation. , 2010, , 27-39.		2
182	Molecular clearance at the cell's antenna. Nature, 2013, 502, 180-181.	13.7	2
183	Ho(a)xing Autophagy to Regulate Development. Developmental Cell, 2014, 28, 3-4.	3.1	2
184	The Cross Talk among Autophagy, Ubiquitination, and DNA Repair: An Overview. , 2018, ,		2
185	The pro-autophagic protein AMBRA1 coordinates cell cycle progression by regulating CCND (cyclin D) stability. Autophagy, 2021, 17, 4506-4508.	4.3	2
186	Autophagy in Health and Disease. , 2014, , 72-78.		1
187	Doryphagy: when selective autophagy safeguards centrosome integrity. Molecular and Cellular Oncology, 2020, 7, 1719021.	0.3	1
188	Beware of regional heterogeneity when assessing the role of schools in the SARS-CoV-2 second wave in Italyâ€™Authors' reply.. Lancet Regional Health - Europe, The, 2021, 8, 100190.	3.0	1
189	Apoptosome Pharmacological Manipulation: From Current Developments in the Laboratory to Clinical Implications. , 2010, , 271-281.		0
190	AUTOPHAGY AND ITS CROSS-TALK WITH CELL DEATH IN NEURAL DEVELOPMENT. , 2012, , 129-148.		0
191	Nonapoptotic Role for Apaf-1 in the DNA Damage Checkpoint. Molecular Cell, 2012, 48, 322-324.	4.5	0
192	A new transgenic mouse model for studying the neurotoxicity of spermine oxidase dosage in the response to excitotoxic injury. Molecular Neurodegeneration, 2013, 8, P4.	4.4	0
193	A novel connection of autophagy related gene 7 to multiple sclerosis and experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2014, 275, 136-137.	1.1	0
194	Live or Die: Choice Mechanisms in Stressed Cells. Mediators of Inflammation, 2015, 2015, 1-2.	1.4	0
195	Fanconi Anemia Genes, of Menders and Sweepers. Developmental Cell, 2016, 37, 299-300.	3.1	0
196	AMBRA1-Mediated Regulation of C-MYC and Its Relevance to Cancer. , 2017, , 373-385.		0
197	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. Autophagy, 2019, 15, 1829-1833.	4.3	0
198	TFG: a novel regulator of ULK1-dependent autophagy. Molecular and Cellular Oncology, 2021, 8, 1945895.	0.3	0

#	ARTICLE	IF	CITATIONS
199	Revisiting the evidence for physical distancing, face masks, and eye protection. Lancet, The, 2021, 398, 660-661.	6.3	0
200	Developmental Autophagy. , 2013, , 103-116.		0