Francesco Cecconi

List of Publications by Year
in descending order

200 papers	37,362 citations	20036 63 h-index	3941 183 g-index
207 all docs	207 docs citations	207 times ranked	52259 citing authors

#	Article	IF	Citations
1	Ambra1 deficiency impairs mitophagy in skeletal muscle. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 2211-2224.	2.9	12
2	Clinical and molecular characterization of patients with adenylosuccinate lyase deficiency. Orphanet Journal of Rare Diseases, 2021, 16, 112.	1.2	12
3	CRL4AMBRA1 is a master regulator of D-type cyclins. Nature, 2021, 592, 789-793.	13.7	78
4	AMBRA1 regulates cyclin D to guard S-phase entry and genomic integrity. Nature, 2021, 592, 799-803.	13.7	78
5	Loss of Ambra1 promotes melanoma growth and invasion. Nature Communications, 2021, 12, 2550.	5.8	30
6	TFG binds LC3C to regulate ULK1 localization and autophagosome formation. EMBO Journal, 2021, 40, e103563.	3.5	15
7	A cross-sectional and prospective cohort study of the role of schools in the SARS-CoV-2 second wave in Italy. Lancet Regional Health - Europe, The, 2021, 5, 100092.	3.0	59
8	Targeting cancer stem cells in medulloblastoma by inhibiting AMBRA1 dual function in autophagy and STAT3 signalling. Acta Neuropathologica, 2021, 142, 537-564.	3.9	21
9	c-FLIP regulates autophagy by interacting with Beclin-1 and influencing its stability. Cell Death and Disease, 2021, 12, 686.	2.7	8
10	TFG: a novel regulator of ULK1-dependent autophagy. Molecular and Cellular Oncology, 2021, 8, 1945895.	0.3	0
11	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	3.5	615
12	Revisiting the evidence for physical distancing, face masks, and eye protection. Lancet, The, 2021, 398, 660-661.	6.3	0
13	Beware of regional heterogeneity when assessing the role of schools in the SARS-CoV-2 second wave in Italyâ€"AuthorsÂ´ reply.. Lancet Regional Health - Europe, The, 2021, 8, 100190.	3.0	1
14	Redox activation of ATM enhances GSNOR translation to sustain mitophagy and tolerance to oxidative stress. EMBO Reports, 2021, 22, e50500.	2.0	30
15	The pro-autophagic protein AMBRA1 coordinates cell cycle progression by regulating CCND (cyclin D) stability. Autophagy, 2021, 17, 4506-4508.	4.3	2
16	A gene toolbox for monitoring autophagy transcription. Cell Death and Disease, 2021, 12, 1044.	2.7	46
17	HUWE1 controls MCL1 stability to unleash AMBRA1-induced mitophagy. Cell Death and Differentiation, 2020, 27, 1155-1168.	5.0	47
18	Cloud hunting: doryphagy, a form of selective autophagy that degrades centriolar satellites. Autophagy, 2020, 16, 379-381.	4.3	6

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19	Autophagy, replication stress and DNA synthesis, an intricate relationship. Cell Death and Differentiation, 2020, 27, 829-830.	5.0	5
20	Zebrafish <i>ambra1a</i> and <i>ambra1b</i> Silencing Affect Heart Development. Zebrafish, 2020, 17, 163-176.	0.5	7
21	Very mild isolated intellectual disability caused by adenylosuccinate lyase deficiency: a new phenotype. Molecular Genetics and Metabolism Reports, 2020, 23, 100592.	0.4	4
22	Doryphagy: when selective autophagy safeguards centrosome integrity. Molecular and Cellular Oncology, 2020, 7, 1719021.	0.3	1
23	Age related retinal Ganglion cell susceptibility in context of autophagy deficiency. Cell Death Discovery, 2020, 6, 21.	2.0	28
24	JNK1 and ERK1/2 modulate lymphocyte homeostasis via BIM and DRP1 upon AICD induction. Cell Death and Differentiation, 2020, 27, 2749-2767.	5.0	16
25	Altered Tregs Differentiation and Impaired Autophagy Correlate to Atherosclerotic Disease. Frontiers in Immunology, 2020, 11, 350.	2.2	8
26	Do You Remember Mitochondria?. Frontiers in Physiology, 2020, 11, 271.	1.3	10
27	Emerging roles of HECTâ€type E3 ubiquitin ligases in autophagy regulation. Molecular Oncology, 2019, 13, 2033-2048.	2.1	12
28	Selective autophagy maintains centrosome integrity and accurate mitosis by turnover of centriolar satellites. Nature Communications, 2019, 10, 4176.	5.8	61
29	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. Autophagy, 2019, 15, 1829-1833.	4.3	0
30	nNOS/GSNOR interaction contributes to skeletal muscle differentiation and homeostasis. Cell Death and Disease, 2019, 10, 354.	2.7	9
31	Reversible induction of mitophagy by an optogenetic bimodular system. Nature Communications, 2019, 10, 1533.	5.8	27
32	Autophagy and cancer stem cells: molecular mechanisms and therapeutic applications. Cell Death and Differentiation, 2019, 26, 690-702.	5.0	266
33	The epg5 knockout zebrafish line: a model to study Vici syndrome. Autophagy, 2019, 15, 1438-1454.	4.3	16
34	Autophagy induction impairs Wnt/Î²-catenin signalling through Î²-catenin relocalisation in glioblastoma cells. Cellular Signalling, 2019, 53, 357-364.	1.7	33
35	Ambra1 Shapes Hippocampal Inhibition/Excitation Balance: Role in Neurodevelopmental Disorders. Molecular Neurobiology, 2018, 55, 7921-7940.	1.9	28
36	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036

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37	<i>S</i> -nitrosylation drives cell senescence and aging in mammals by controlling mitochondrial dynamics and mitophagy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3388-E3397.	3.3	128
38	Mitophagy in neurodegenerative diseases. Neurochemistry International, 2018, 117, 156-166.	1.9	79
39	AMBRA1 Controls Regulatory T-Cell Differentiation and Homeostasis Upstream of the FOXO3-FOXP3 Axis. Developmental Cell, 2018, 47, 592-607.e6.	3.1	34
40	Rapamycin and fasting sustain autophagy response activated by ischemia/reperfusion injury and promote retinal ganglion cell survival. Cell Death and Disease, 2018, 9, 981.	2.7	89
41	HUWE1 E3 ligase promotes PINK1/PARKIN-independent mitophagy by regulating AMBRA1 activation via IKKÎ±. Nature Communications, 2018, 9, 3755.	5.8	198
42	Autophagy, Inflammation, and Metabolism (AIM) Center of Biomedical Research Excellence: supporting the next generation of autophagy researchers and fostering international collaborations. Autophagy, 2018, 14, 925-929.	4.3	3
43	AMBRA1-Mediated Mitophagy Counteracts Oxidative Stress and Apoptosis Induced by Neurotoxicity in Human Neuroblastoma SH-SY5Y Cells. Frontiers in Cellular Neuroscience, 2018, 12, 92.	1.8	57
44	The pro-oxidant adaptor p66SHC promotes B cell mitophagy by disrupting mitochondrial integrity and recruiting LC3-II. Autophagy, 2018, 14, 2117-2138.	4.3	38
45	The Cross Talk among Autophagy, Ubiquitination, and DNA Repair: An Overview. , 2018, , .		2
46	<i>MIR7â€“3HG</i>, a MYC-dependent modulator of cell proliferation, inhibits autophagy by a regulatory loop involving AMBRA1. Autophagy, 2017, 13, 554-566.	4.3	38
47	Autophagy up and down by outsmarting the incredible ULK. Autophagy, 2017, 13, 967-968.	4.3	38
48	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	3.5	1,230
49	Liposomes loaded with bioactive lipids enhance antibacterial innate immunity irrespective of drug resistance. Scientific Reports, 2017, 7, 45120.	1.6	26
50	Adaptive responses of heart and skeletal muscle to spermine oxidase overexpression: Evaluation of a new transgenic mouse model. Free Radical Biology and Medicine, 2017, 103, 216-225.	1.3	31
51	ULK1 ubiquitylation is regulated by phosphorylation on its carboxy terminus. Cell Cycle, 2017, 16, 1744-1747.	1.3	9
52	Sexual dimorphism of AMBRA1-related autistic features in human and mouse. Translational Psychiatry, 2017, 7, e1247-e1247.	2.4	32
53	Ambra1 spatially regulates Src activity and Src/FAK-mediated cancer cell invasion via trafficking networks. ELife, 2017, 6, .	2.8	32
54	AMBRA1-Mediated Regulation of C-MYC and Its Relevance to Cancer. , 2017, , 373-385.		0

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55	Autophagy and the Cell Cycle: A Complex Landscape. Frontiers in Oncology, 2017, 7, 51.	1.3	156
56	A mild form of adenylosuccinate lyase deficiency in absence of typical brain MRI features diagnosed by whole exome sequencing. Italian Journal of Pediatrics, 2017, 43, 65.	1.0	9
57	To eat, or NOt to eat: <i>S</i>â€nitrosylation signaling in autophagy. FEBS Journal, 2016, 283, 3857-3869.	2.2	37
58	Fine-tuning of ULK1 mRNA and protein levels is required for autophagy oscillation. Journal of Cell Biology, 2016, 215, 841-856.	2.3	116
59	Macroautophagy inhibition maintains fragmented mitochondria to foster T cell receptorâ€dependent apoptosis. EMBO Journal, 2016, 35, 1793-1809.	3.5	27
60	<i>S</i>-nitrosylation of the Mitochondrial Chaperone TRAP1 Sensitizes Hepatocellular Carcinoma Cells to Inhibitors of Succinate Dehydrogenase. Cancer Research, 2016, 76, 4170-4182.	0.4	64
61	Fanconi Anemia Genes, of Menders and Sweepers. Developmental Cell, 2016, 37, 299-300.	3.1	0
62	Prosurvival AMBRA1 turns into a proapoptotic BH3-like protein during mitochondrial apoptosis. Autophagy, 2016, 12, 963-975.	4.3	35
63	Autophagy regulates satellite cell ability to regenerate normal and dystrophic muscles. Cell Death and Differentiation, 2016, 23, 1839-1849.	5.0	102
64	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
65	Astrocyte-Dependent Vulnerability to Excitotoxicity in Spermine Oxidase-Overexpressing Mouse. NeuroMolecular Medicine, 2016, 18, 50-68.	1.8	32
66	Autophagy in the CNS and Periphery Coordinate Lipophagy and Lipolysis in the Brown Adipose Tissue and Liver. Cell Metabolism, 2016, 23, 113-127.	7.2	230
67	Autophagy in stem and progenitor cells. Cellular and Molecular Life Sciences, 2016, 73, 475-496.	2.4	58
68	Apaf1 in embryonic development - shaping life by death, and more. International Journal of Developmental Biology, 2015, 59, 33-39.	0.3	8
69	<i>S</i>-Nitrosoglutathione Reductase Plays Opposite Roles in SH-SY5Y Models of Parkinsonâ€™s Disease and Amyotrophic Lateral Sclerosis. Mediators of Inflammation, 2015, 2015, 1-12.	1.4	12
70	Prolonged Pseudohypoxia Targets Ambra1 mRNA to P-Bodies for Translational Repression. PLoS ONE, 2015, 10, e0129750.	1.1	5
71	Live or Die: Choice Mechanisms in Stressed Cells. Mediators of Inflammation, 2015, 2015, 1-2.	1.4	0
72	Oxidative Stress during the Progression of<i>Î²</i>-Amyloid Pathology in the Neocortex of the Tg2576 Mouse Model of Alzheimerâ€™s Disease. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-18.	1.9	30

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73	Ambra1 at a glance. Journal of Cell Science, 2015, 128, 2003-2008.	1.2	76
74	Autophagy induction impairs migration and invasion by reversing EMT in glioblastoma cells. Molecular Oncology, 2015, 9, 1612-1625.	2.1	245
75	Connecting autophagy: AMBRA1 and its network of regulation. Molecular and Cellular Oncology, 2015, 2, e970059.	0.3	28
76	AMBRA1-induced mitophagy: A new mechanism to cope with cancer?. Molecular and Cellular Oncology, 2015, 2, e975647.	0.3	9
77	Reactivation of autophagy by spermidine ameliorates the myopathic defects of collagen VI-null mice. Autophagy, 2015, 11, 2142-2152.	4.3	70
78	Oxidative stress and autophagy: the clash between damage and metabolic needs. Cell Death and Differentiation, 2015, 22, 377-388.	5.0	1,505
79	Unsaturated fatty acids induce nonâ€canonical autophagy. EMBO Journal, 2015, 34, 1025-1041.	3.5	147
80	Autophagy in malignant transformation and cancer progression. EMBO Journal, 2015, 34, 856-880.	3.5	1,012
81	Novel inducers of BECN1-independent autophagy:<i>cis</i>-unsaturated fatty acids. Autophagy, 2015, 11, 575-577.	4.3	13
82	AMBRA1: When autophagy meets cell proliferation. Autophagy, 2015, 11, 1705-1707.	4.3	17
83	Iron-Starvation-Induced Mitophagy Mediates Lifespan Extension upon Mitochondrial Stress in C.Âelegans. Current Biology, 2015, 25, 1810-1822.	1.8	188
84	The multifaceted mitochondrion: An attractive candidate for therapeutic strategies. Pharmacological Research, 2015, 99, 425-433.	3.1	16
85	AMBRA1 and BECLIN 1 interplay in the crosstalk between autophagy and cell proliferation. Cell Cycle, 2015, 14, 959-963.	1.3	32
86	AMBRA1 is able to induce mitophagy via LC3 binding, regardless of PARKIN and p62/SQSTM1. Cell Death and Differentiation, 2015, 22, 419-432.	5.0	294
87	AMBRA1 links autophagy to cell proliferation and tumorigenesis by promoting c-Myc dephosphorylation and degradation. Nature Cell Biology, 2015, 17, 20-30.	4.6	200
88	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	5.0	811
89	Altered Mitochondria Morphology and Cell Metabolism in Apaf1-Deficient Cells. PLoS ONE, 2014, 9, e84666.	1.1	11
90	Zebrafish ambra1a and ambra1b Knockdown Impairs Skeletal Muscle Development. PLoS ONE, 2014, 9, e99210.	1.1	36

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91	The autophagy regulators Ambra1 and Beclin 1 are required for adult neurogenesis in the brain subventricular zone. Cell Death and Disease, 2014, 5, e1403-e1403.	2.7	108
92	AMBRA1 Interplay with Cullin E3ÂUbiquitin Ligases Regulates Autophagy Dynamics. Developmental Cell, 2014, 31, 734-746.	3.1	127
93	Involvement of peroxisome proliferator-activated receptor Î²/Î´ (PPAR Î²/Î´) in BDNF signaling during aging and in Alzheimer disease: Possible role of 4-hydroxynonenal (4-HNE). Cell Cycle, 2014, 13, 1335-1344.	1.3	41
94	Mitochondrial dismissal in mammals, from protein degradation to mitophagy. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 451-460.	0.5	70
95	Schwann cell autophagy counteracts the onset and chronification of neuropathic pain. Pain, 2014, 155, 93-107.	2.0	98
96	Targeting Ions-Induced Autophagy in Cancer. Cancer Cell, 2014, 26, 599-600.	7.7	10
97	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
98	<i>S</i>-Nitrosoglutathione Reductase Deficiency-Induced <i>S</i>-Nitrosylation Results in Neuromuscular Dysfunction. Antioxidants and Redox Signaling, 2014, 21, 570-587.	2.5	42
99	Ho(a)xing Autophagy to Regulate Development. Developmental Cell, 2014, 28, 3-4.	3.1	2
100	Expression of Ambra1 in mouse brain during physiological and Alzheimer type aging. Neurobiology of Aging, 2014, 35, 96-108.	1.5	37
101	Autophagy in Health and Disease. , 2014, , 72-78.		1
102	Age-dependent roles of peroxisomes in the hippocampus of a transgenic mouse model of Alzheimerâ€™s disease. Molecular Neurodegeneration, 2013, 8, 8.	4.4	53
103	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
104	Molecular clearance at the cell's antenna. Nature, 2013, 502, 180-181.	13.7	2
105	mTOR inhibits autophagy by controlling ULK1 ubiquitylation, self-association and function throughÂAMBRA1 and TRAF6. Nature Cell Biology, 2013, 15, 406-416.	4.6	662
106	New Insights into the Link Between DNA Damage and Apoptosis. Antioxidants and Redox Signaling, 2013, 19, 559-571.	2.5	89
107	XIAP: inhibitor of two worlds. EMBO Journal, 2013, 32, 2187-2188.	3.5	13
108	mTOR, AMBRA1, and autophagy: An intricate relationship. Cell Cycle, 2013, 12, 2524-2525.	1.3	35

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109	A New Transgenic Mouse Model for Studying the Neurotoxicity of Spermine Oxidase Dosage in the Response to Excitotoxic Injury. PLoS ONE, 2013, 8, e64810.	1.1	43
110	Developmental Autophagy. , 2013, , 103-116.		0
111	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. Human Molecular Genetics, 2012, 21, 5159-5173.	1.4	68
112	AUTOPHAGY AND ITS CROSS-TALK WITH CELL DEATH IN NEURAL DEVELOPMENT. , 2012, , 129-148.		0
113	Autophagy-dependent NFÎºB regulation. Cell Cycle, 2012, 11, 436-437.	1.3	5
114	Atg5 and Ambra1 differentially modulate neurogenesis in neural stem cells. Autophagy, 2012, 8, 187-199.	4.3	153
115	Stimulation of autophagy by rapamycin protects neurons from remote degeneration after acute focal brain damage. Autophagy, 2012, 8, 222-235.	4.3	91
116	c-Cbl targets active Src for autophagy. Nature Cell Biology, 2012, 14, 48-49.	4.6	12
117	Oxidative DNA Damage in Neurons: Implication of Ku in Neuronal Homeostasis and Survival. International Journal of Cell Biology, 2012, 2012, 1-8.	1.0	18
118	Nonapoptotic Role for Apaf-1 in the DNA Damage Checkpoint. Molecular Cell, 2012, 48, 322-324.	4.5	0
119	Type 2 transglutaminase is involved in the autophagy-dependent clearance of ubiquitinated proteins. Cell Death and Differentiation, 2012, 19, 1228-1238.	5.0	62
120	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
121	Caspase-3 in the central nervous system: beyond apoptosis. Trends in Neurosciences, 2012, 35, 700-709.	4.2	195
122	Proteolysis of Ambra1 during apoptosis has a role in the inhibition of the autophagic pro-survival response. Cell Death and Differentiation, 2012, 19, 1495-1504.	5.0	134
123	AÎ² Toxicity in Alzheimer's Disease. Molecular Neurobiology, 2012, 45, 366-378.	1.9	134
124	Non-apoptotic roles for death-related molecules: When mitochondria chose cell fate. Experimental Cell Research, 2012, 318, 1309-1315.	1.2	9
125	Caspase-3 triggers early synaptic dysfunction in a mouse model of Alzheimer's disease. Nature Neuroscience, 2011, 14, 69-76.	7.1	479
126	Mitochondrial BCL-2 inhibits AMBRA1-induced autophagy. EMBO Journal, 2011, 30, 1195-1208.	3.5	206

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127	The DNA repair complex Ku70/86 modulates Apaf1 expression upon DNA damage. Cell Death and Differentiation, 2011, 18, 516-527.	5.0	22
128	Apaf1 plays a pro-survival role by regulating centrosome morphology and function. Journal of Cell Science, 2011, 124, 3450-3463.	1.2	41
129	Unleashing the Ambra1-Beclin 1 complex from dynein chains: Ulk1 sets Ambra1 free to induce autophagy. Autophagy, 2011, 7, 115-117.	4.3	51
130	Autophagy regulation by miRNAs: when cleaning goes out of service. EMBO Journal, 2011, 30, 4517-4519.	3.5	11
131	Apoptosome Structure and Regulation. , 2010, , 27-39.		2
132	Apoptosome Pharmacological Manipulation: From Current Developments in the Laboratory to Clinical Implications. , 2010, , 271-281.		0
133	The Role of Autophagy During Development in Higher Eukaryotes. Traffic, 2010, 11, 1280-1289.	1.3	99
134	Neuronal caspase-3 signaling: not only cell death. Cell Death and Differentiation, 2010, 17, 1104-1114.	5.0	368
135	A brain-specific isoform of mitochondrial apoptosis-inducing factor: AIF2. Cell Death and Differentiation, 2010, 17, 1155-1166.	5.0	37
136	The dynamic interaction of AMBRA1 with the dynein motor complex regulates mammalian autophagy. Journal of Cell Biology, 2010, 191, 155-168.	2.3	432
137	Foregut separation and tracheo-oesophageal malformations: The role of tracheal outgrowth, dorso-ventral patterning and programmed cell death. Developmental Biology, 2010, 337, 351-362.	0.9	54
138	Apoptosis is not required for mammalian neural tube closure. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8233-8238.	3.3	83
139	Inflammation Triggers Synaptic Alteration and Degeneration in Experimental Autoimmune Encephalomyelitis. Journal of Neuroscience, 2009, 29, 3442-3452.	1.7	331
140	A novel player in the p53-mediated autophagy: Sestrin2. Cell Cycle, 2009, 8, 1466-1470.	1.3	10
141	Cannabinoid action induces autophagy-mediated cell death through stimulation of ER stress in human glioma cells. Journal of Clinical Investigation, 2009, 119, 1359-1372.	3.9	585
142	Early Biochemical and Morphological Modifications in the Brain of a Transgenic Mouse Model of Alzheimer's Disease: A Role for Peroxisomes. Journal of Alzheimer's Disease, 2009, 18, 935-952.	1.2	56
143	The Apoptosome: Emerging Insights and New Potential Targets for Drug Design. Pharmaceutical Research, 2008, 25, 740-751.	1.7	46
144	Faf1 is expressed during neurodevelopment and is involved in Apaf1-dependent caspase-3 activation in proneural cells. Cellular and Molecular Life Sciences, 2008, 65, 1780-1790.	2.4	11

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145	Intracellular bacteriolysis triggers a massive apoptotic cell death in Shigella-infected epithelial cells. Microbes and Infection, 2008, 10, 1114-1123.	1.0	8
146	The involvement of cell death and survival in neural tube defects: a distinct role for apoptosis and autophagy?. Cell Death and Differentiation, 2008, 15, 1170-1177.	5.0	54
147	Regulation of autophagy by cytoplasmic p53. Nature Cell Biology, 2008, 10, 676-687.	4.6	1,025
148	Chapter 15 Analysis of Neuronal Cell Death in Mammals. Methods in Enzymology, 2008, 446, 259-276.	0.4	3
149	The Role of Autophagy in Mammalian Development: Cell Makeover Rather than Cell Death. Developmental Cell, 2008, 15, 344-357.	3.1	481
150	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	4.3	2,064
151	Apoptosome-deficient Cells Lose Cytochrome<i>c</i>through Proteasomal Degradation but Survive by Autophagy-dependent Glycolysis. Molecular Biology of the Cell, 2008, 19, 3576-3588.	0.9	47
152	A dual role of p53 in the control of autophagy. Autophagy, 2008, 4, 810-814.	4.3	296
153	Analysis of apoptosome dysregulation in pancreatic cancer and of its role in chemoresistance. Cancer Biology and Therapy, 2007, 6, 209-217.	1.5	9
154	A Novel Role for Autophagy in Neurodevelopment. Autophagy, 2007, 3, 505-507.	4.3	54
155	Conditional activation of Pax6 in the developing cortex of transgenic mice causes progenitor apoptosis. Development (Cambridge), 2007, 134, 1311-1322.	1.2	48
156	Autophagic and apoptotic response to stress signals in mammalian cells. Archives of Biochemistry and Biophysics, 2007, 462, 210-219.	1.4	162
157	Nonapoptotic Role for Apaf-1 in the DNA Damage Checkpoint. Molecular Cell, 2007, 28, 624-637.	4.5	116
158	Ambra1 regulates autophagy and development of the nervous system. Nature, 2007, 447, 1121-1125.	13.7	889
159	Apoptosome impairment during development results in activation of an autophagy program in cerebral cortex. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 1595-1602.	2.2	14
160	Apaf1 mediates apoptosis and mitochondrial damage induced by mutant human SOD1s typical of familial amyotrophic lateral sclerosis. Neurobiology of Disease, 2006, 21, 69-79.	2.1	25
161	Endoplasmic Reticulum Stress Induces Apoptosis by an Apoptosome-dependent but Caspase 12-independent Mechanism. Journal of Biological Chemistry, 2006, 281, 2693-2700.	1.6	108
162	Localization ofApaf1 gene expression in the early development of the mouse by means of in situ reverse transcriptase-polymerase chain reaction. Developmental Dynamics, 2005, 234, 215-221.	0.8	7

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163	Expanding roles of programmed cell death in mammalian neurodevelopment. Seminars in Cell and Developmental Biology, 2005, 16, 281-294.	2.3	57
164	Apaf1-dependent programmed cell death is required for inner ear morphogenesis and growth. Development (Cambridge), 2004, 131, 2125-2135.	1.2	47
165	Apoptosome inactivation rescues proneural and neural cells from neurodegeneration. Cell Death and Differentiation, 2004, 11, 1179-1191.	5.0	42
166	Structural and Sequence Evolution of U17 Small Nucleolar RNA (snoRNA) and Its Phylogenetic Congruence in Chelonians. Journal of Molecular Evolution, 2003, 57, 73-84.	0.8	15
167	Physiological and pathological roles of Apaf1 and the apoptosome. Journal of Cellular and Molecular Medicine, 2003, 7, 21-34.	1.6	55
168	Caspase regulation of genotoxin-induced neural precursor cell death. Journal of Neuroscience Research, 2003, 74, 435-445.	1.3	31
169	Mitochondrial release of AIF and EndoG requires caspase activation downstream of Bax/Bak-mediated permeabilization. EMBO Journal, 2003, 22, 4385-4399.	3.5	383
170	From ES Cells to Mice: The Gene Trap Approach. , 2002, 185, 335-346.		5
171	Caspase-8 and Apaf-1-independent Caspase-9 Activation in Sendai Virus-infected Cells. Journal of Biological Chemistry, 2002, 277, 29817-29824.	1.6	53
172	Apoptosis-inducing factor (AIF): key to the conserved caspase-independent pathways of cell death?. Journal of Cell Science, 2002, 115, 4727-4734.	1.2	452
173	Apoptosis-inducing factor is involved in the regulation of caspase-independent neuronal cell death. Journal of Cell Biology, 2002, 158, 507-517.	2.3	434
174	Comparative Structure Analysis of Vertebrate U17 Small Nucleolar RNA (snoRNA). Journal of Molecular Evolution, 2002, 54, 166-179.	0.8	17
175	Different Role of Apaf-1 in Positive Selection, Negative Selection and Death by Neglect in Foetal Thymic Organ Culture. Scandinavian Journal of Immunology, 2002, 56, 174-184.	1.3	9
176	Apaf1 reduced expression levels generate a mutant phenotype in adult brain and skeleton. Cell Death and Differentiation, 2002, 9, 340-342.	5.0	5
177	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. Cell Death and Differentiation, 2002, 9, 832-841.	5.0	170
178	Apoptosis initiated by Bcl-2-regulated caspase activation independently of the cytochrome c/Apaf-1/caspase-9 apoptosome. Nature, 2002, 419, 634-637.	13.7	517
179	Glial cells generate neurons: the role of the transcription factor Pax6. Nature Neuroscience, 2002, 5, 308-315.	7.1	701
180	Human Genome and Diseases:Â¶Apaf1 in developmental apoptosis and cancer: how many ways to die?. Cellular and Molecular Life Sciences, 2001, 58, 1688-1697.	2.4	40

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181	Apaf1 is no longer single. Cell Death and Differentiation, 2001, 8, 773-775.	5.0	3
182	Apaf-1 is a transcriptional target for E2F and p53. Nature Cell Biology, 2001, 3, 552-558.	4.6	552
183	APAF1 is a key transcriptional target for p53 in the regulation of neuronal cell death. Journal of Cell Biology, 2001, 155, 207-216.	2.3	184
184	Expression of Foxb1 Reveals Two Strategies for the Formation of Nuclei in the Developing Ventral Diencephalon. Developmental Neuroscience, 2000, 22, 197-206.	1.0	29
185	Gene trap: a way to identify novel genes and unravel their biological function. FEBS Letters, 2000, 480, 63-71.	1.3	33
186	Apaf1 and the apoptotic machinery. Cell Death and Differentiation, 1999, 6, 1087-1098.	5.0	110
187	The fork head transcription factor Fkh5/Mf3 is a developmental marker gene for superior colliculus layers and derivatives of the hindbrain somatic afferent zone. Developmental Brain Research, 1999, 112, 205-215.	2.1	16
188	Interdigital cell death can occur through a necrotic and caspase-independent pathway. Current Biology, 1999, 9, 967-S1.	1.8	300
189	Apaf1 (CED-4 Homolog) Regulates Programmed Cell Death in Mammalian Development. Cell, 1998, 94, 727-737.	13.5	843
190	Maize polyamine oxidase: primary structure from protein and cDNA sequencing. FEBS Letters, 1998, 426, 62-66.	1.3	89
191	Expression ofMeis2, aKnotted-related murine homeobox gene, indicates a role in the differentiation of the forebrain and the somitic mesoderm. , 1997, 210, 184-190.		60
192	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. Nucleic Acids Research, 1996, 24, 3167-3172.	6.5	32
193	Fugu intron oversize reveals the presence of U15 snoRNA coding sequences in some introns of the ribosomal protein S3 gene.. Genome Research, 1996, 6, 1227-1231.	2.4	13
194	TheXenopusintron-encoded U17 snoRNA is produced by exonucleolytic processing of its precursor in oocytes. Nucleic Acids Research, 1995, 23, 4670-4676.	6.5	35
195	Unique features in the mitochondrial D-loop region of the European seabass Dicentrarchus labrax. Gene, 1995, 160, 149-155.	1.0	27
196	Structure and expression of ribosomal protein genes in Xenopus laevis. Biochemistry and Cell Biology, 1995, 73, 969-977.	0.9	20
197	U17XS8, a small nucleolar RNA with a 12 nt complementarity to 18S rRNA and coded by a sequence repeated in the six introns ofXenopus laevisribosomal protein S8 gene. Nucleic Acids Research, 1994, 22, 732-741.	6.5	51
198	Cloning and characterization of the European seabass, Dicentrarchus labrax, mitochondrial genome. Current Genetics, 1994, 26, 139-145.	0.8	5

#	Article	IF	Citations
199	Sequence of the gene coding for ribosomal protein S8 of Xenopus laevis. Gene, 1993, 132, 255-260.	1.0	21
200	Sequence of the mitochondrial tRNAThrand tRNAPro;genes from European seabass,Dicentrarchus labrax. Nucleic Acids Research, 1993, 21, 2253-2253.	6.5	4