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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	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
3	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
4	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	4.3	2,064
5	Oxidative stress and autophagy: the clash between damage and metabolic needs. Cell Death and Differentiation, 2015, 22, 377-388.	5.0	1,505
6	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	3.5	1,230
7	Regulation of autophagy by cytoplasmic p53. Nature Cell Biology, 2008, 10, 676-687.	4.6	1,025
8	Autophagy in malignant transformation and cancer progression. EMBO Journal, 2015, 34, 856-880.	3.5	1,012
9	Ambra1 regulates autophagy and development of the nervous system. Nature, 2007, 447, 1121-1125.	13.7	889
10	Apaf1 (CED-4 Homolog) Regulates Programmed Cell Death in Mammalian Development. Cell, 1998, 94, 727-737.	13.5	843
11	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	5.0	811
12	Glial cells generate neurons: the role of the transcription factor Pax6. Nature Neuroscience, 2002, 5, 308-315.	7.1	701
13	mTOR inhibits autophagy by controlling ULK1 ubiquitylation, self-association and function throughÂAMBRA1 and TRAF6. Nature Cell Biology, 2013, 15, 406-416.	4.6	662
14	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	3.5	615
15	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
16	Apaf-1 is a transcriptional target for E2F and p53. Nature Cell Biology, 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. Nature, 2002, 419, 634-637.	13.7	517
18	The Role of Autophagy in Mammalian Development: Cell Makeover Rather than Cell Death. Developmental Cell, 2008, 15, 344-357.	3.1	481

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19	Caspase-3 triggers early synaptic dysfunction in a mouse model of Alzheimer's disease. Nature Neuroscience, 2011, 14, 69-76.	7.1	479
20	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
21	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
22	The dynamic interaction of AMBRA1 with the dynein motor complex regulates mammalian autophagy. Journal of Cell Biology, 2010, 191, 155-168.	2.3	432
23	Mitochondrial release of AIF and EndoG requires caspase activation downstream of Bax/Bak-mediated permeabilization. EMBO Journal, 2003, 22, 4385-4399.	3.5	383
24	Neuronal caspase-3 signaling: not only cell death. Cell Death and Differentiation, 2010, 17, 1104-1114.	5.0	368
25	Inflammation Triggers Synaptic Alteration and Degeneration in Experimental Autoimmune Encephalomyelitis. Journal of Neuroscience, 2009, 29, 3442-3452.	1.7	331
26	Interdigital cell death can occur through a necrotic and caspase-independent pathway. Current Biology, 1999, 9, 967-S1.	1.8	300
27	A dual role of p53 in the control of autophagy. Autophagy, 2008, 4, 810-814.	4.3	296
28	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
29	Autophagy and cancer stem cells: molecular mechanisms and therapeutic applications. Cell Death and Differentiation, 2019, 26, 690-702.	5.0	266
30	Autophagy induction impairs migration and invasion by reversing EMT in glioblastoma cells. Molecular Oncology, 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. Cell Metabolism, 2016, 23, 113-127.	7.2	230
32	Mitochondrial BCL-2 inhibits AMBRA1-induced autophagy. EMBO Journal, 2011, 30, 1195-1208.	3.5	206
33	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
34	HUWE1 E3 ligase promotes PINK1/PARKIN-independent mitophagy by regulating AMBRA1 activation via IKKÎ±. Nature Communications, 2018, 9, 3755.	5.8	198
35	Caspase-3 in the central nervous system: beyond apoptosis. Trends in Neurosciences, 2012, 35, 700-709.	4.2	195
36	Iron-Starvation-Induced Mitophagy Mediates Lifespan Extension upon Mitochondrial Stress in C.Âelegans. Current Biology, 2015, 25, 1810-1822.	1.8	188

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37	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
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. Cell Death and Differentiation, 2002, 9, 832-841.	5.0	170
39	Autophagic and apoptotic response to stress signals in mammalian cells. Archives of Biochemistry and Biophysics, 2007, 462, 210-219.	1.4	162
40	Autophagy and the Cell Cycle: A Complex Landscape. Frontiers in Oncology, 2017, 7, 51.	1.3	156
41	Atg5 and Ambra1 differentially modulate neurogenesis in neural stem cells. Autophagy, 2012, 8, 187-199.	4.3	153
42	Unsaturated fatty acids induce nonâ€canonical autophagy. EMBO Journal, 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. Cell Death and Differentiation, 2012, 19, 1495-1504.	5.0	134
44	AÎ² Toxicity in Alzheimer's Disease. Molecular Neurobiology, 2012, 45, 366-378.	1.9	134
45	<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
46	AMBRA1 Interplay with Cullin E3ÂUbiquitin Ligases Regulates Autophagy Dynamics. Developmental Cell, 2014, 31, 734-746.	3.1	127
47	Nonapoptotic Role for Apaf-1 in the DNA Damage Checkpoint. Molecular Cell, 2007, 28, 624-637.	4.5	116
48	Fine-tuning of ULK1 mRNA and protein levels is required for autophagy oscillation. Journal of Cell Biology, 2016, 215, 841-856.	2.3	116
49	Apaf1 and the apoptotic machinery. Cell Death and Differentiation, 1999, 6, 1087-1098.	5.0	110
50	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
51	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
52	Autophagy regulates satellite cell ability to regenerate normal and dystrophic muscles. Cell Death and Differentiation, 2016, 23, 1839-1849.	5.0	102
53	The Role of Autophagy During Development in Higher Eukaryotes. Traffic, 2010, 11, 1280-1289.	1.3	99
54	Schwann cell autophagy counteracts the onset and chronification of neuropathic pain. Pain, 2014, 155, 93-107.	2.0	98

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55	Stimulation of autophagy by rapamycin protects neurons from remote degeneration after acute focal brain damage. Autophagy, 2012, 8, 222-235.	4.3	91
56	Maize polyamine oxidase: primary structure from protein and cDNA sequencing. FEBS Letters, 1998, 426, 62-66.	1.3	89
57	New Insights into the Link Between DNA Damage and Apoptosis. Antioxidants and Redox Signaling, 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. Cell Death and Disease, 2018, 9, 981.	2.7	89
59	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
60	Mitophagy in neurodegenerative diseases. Neurochemistry International, 2018, 117, 156-166.	1.9	79
61	CRL4AMBRA1 is a master regulator of D-type cyclins. Nature, 2021, 592, 789-793.	13.7	78
62	AMBRA1 regulates cyclin D to guard S-phase entry and genomic integrity. Nature, 2021, 592, 799-803.	13.7	78
63	Ambra1 at a glance. Journal of Cell Science, 2015, 128, 2003-2008.	1.2	76
64	Mitochondrial dismissal in mammals, from protein degradation to mitophagy. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 451-460.	0.5	70
65	Reactivation of autophagy by spermidine ameliorates the myopathic defects of collagen VI-null mice. Autophagy, 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. Human Molecular Genetics, 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. Cancer Research, 2016, 76, 4170-4182.	0.4	64
68	Type 2 transglutaminase is involved in the autophagy-dependent clearance of ubiquitinated proteins. Cell Death and Differentiation, 2012, 19, 1228-1238.	5.0	62
69	Selective autophagy maintains centrosome integrity and accurate mitosis by turnover of centriolar satellites. Nature Communications, 2019, 10, 4176.	5.8	61
70	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
71	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
72	Autophagy in stem and progenitor cells. Cellular and Molecular Life Sciences, 2016, 73, 475-496.	2.4	58

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73	Expanding roles of programmed cell death in mammalian neurodevelopment. Seminars in Cell and Developmental Biology, 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. Frontiers in Cellular Neuroscience, 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. Journal of Alzheimer's Disease, 2009, 18, 935-952.	1.2	56
76	Physiological and pathological roles of Apaf1 and the apoptosome. Journal of Cellular and Molecular Medicine, 2003, 7, 21-34.	1.6	55
77	A Novel Role for Autophagy in Neurodevelopment. Autophagy, 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?. Cell Death and Differentiation, 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. Developmental Biology, 2010, 337, 351-362.	0.9	54
80	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
81	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
82	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
83	Unleashing the Ambra1-Beclin 1 complex from dynein chains: Ulk1 sets Ambra1 free to induce autophagy. Autophagy, 2011, 7, 115-117.	4.3	51
84	Conditional activation of Pax6 in the developing cortex of transgenic mice causes progenitor apoptosis. Development (Cambridge), 2007, 134, 1311-1322.	1.2	48
85	Apaf1-dependent programmed cell death is required for inner ear morphogenesis and growth. Development (Cambridge), 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. Molecular Biology of the Cell, 2008, 19, 3576-3588.	0.9	47
87	HUWE1 controls MCL1 stability to unleash AMBRA1-induced mitophagy. Cell Death and Differentiation, 2020, 27, 1155-1168.	5.0	47
88	The Apoptosome: Emerging Insights and New Potential Targets for Drug Design. Pharmaceutical Research, 2008, 25, 740-751.	1.7	46
89	A gene toolbox for monitoring autophagy transcription. Cell Death and Disease, 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. PLoS ONE, 2013, 8, e64810.	1.1	43

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91	Apoptosome inactivation rescues proneural and neural cells from neurodegeneration. Cell Death and Differentiation, 2004, 11, 1179-1191.	5.0	42
92	<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
93	Apaf1 plays a pro-survival role by regulating centrosome morphology and function. Journal of Cell Science, 2011, 124, 3450-3463.	1.2	41
94	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
95	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
96	<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
97	Autophagy up and down by outsmarting the incredible ULK. Autophagy, 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. Autophagy, 2018, 14, 2117-2138.	4.3	38
99	A brain-specific isoform of mitochondrial apoptosis-inducing factor: AIF2. Cell Death and Differentiation, 2010, 17, 1155-1166.	5.0	37
100	Expression of Ambra1 in mouse brain during physiological and Alzheimer type aging. Neurobiology of Aging, 2014, 35, 96-108.	1.5	37
101	To eat, or NOt to eat: <i>S</i>â€nitrosylation signaling in autophagy. FEBS Journal, 2016, 283, 3857-3869.	2.2	37
102	Zebrafish ambra1a and ambra1b Knockdown Impairs Skeletal Muscle Development. PLoS ONE, 2014, 9, e99210.	1.1	36
103	TheXenopusintron-encoded U17 snoRNA is produced by exonucleolytic processing of its precursor in oocytes. Nucleic Acids Research, 1995, 23, 4670-4676.	6.5	35
104	mTOR, AMBRA1, and autophagy: An intricate relationship. Cell Cycle, 2013, 12, 2524-2525.	1.3	35
105	Prosurvival AMBRA1 turns into a proapoptotic BH3-like protein during mitochondrial apoptosis. Autophagy, 2016, 12, 963-975.	4.3	35
106	AMBRA1 Controls Regulatory T-Cell Differentiation and Homeostasis Upstream of the FOXO3-FOXP3 Axis. Developmental Cell, 2018, 47, 592-607.e6.	3.1	34
107	Gene trap: a way to identify novel genes and unravel their biological function. FEBS Letters, 2000, 480, 63-71.	1.3	33
108	Autophagy induction impairs Wnt/Î²-catenin signalling through Î²-catenin relocalisation in glioblastoma cells. Cellular Signalling, 2019, 53, 357-364.	1.7	33

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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. Nucleic Acids Research, 1996, 24, 3167-3172.	6.5	32
110	AMBRA1 and BECLIN 1 interplay in the crosstalk between autophagy and cell proliferation. Cell Cycle, 2015, 14, 959-963.	1.3	32
111	Astrocyte-Dependent Vulnerability to Excitotoxicity in Spermine Oxidase-Overexpressing Mouse. NeuroMolecular Medicine, 2016, 18, 50-68.	1.8	32
112	Sexual dimorphism of AMBRA1-related autistic features in human and mouse. Translational Psychiatry, 2017, 7, e1247-e1247.	2.4	32
113	Ambra1 spatially regulates Src activity and Src/FAK-mediated cancer cell invasion via trafficking networks. ELife, 2017, 6, .	2.8	32
114	Caspase regulation of genotoxin-induced neural precursor cell death. Journal of Neuroscience Research, 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. Free Radical Biology and Medicine, 2017, 103, 216-225.	1.3	31
116	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
117	Loss of Ambra1 promotes melanoma growth and invasion. Nature Communications, 2021, 12, 2550.	5.8	30
118	Redox activation of ATM enhances GSNOR translation to sustain mitophagy and tolerance to oxidative stress. EMBO Reports, 2021, 22, e50500.	2.0	30
119	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
120	Connecting autophagy: AMBRA1 and its network of regulation. Molecular and Cellular Oncology, 2015, 2, e970059.	0.3	28
121	Ambra1 Shapes Hippocampal Inhibition/Excitation Balance: Role in Neurodevelopmental Disorders. Molecular Neurobiology, 2018, 55, 7921-7940.	1.9	28
122	Age related retinal Ganglion cell susceptibility in context of autophagy deficiency. Cell Death Discovery, 2020, 6, 21.	2.0	28
123	Unique features in the mitochondrial D-loop region of the European seabass Dicentrarchus labrax. Gene, 1995, 160, 149-155.	1.0	27
124	Macroautophagy inhibition maintains fragmented mitochondria to foster T cell receptorâ€dependent apoptosis. EMBO Journal, 2016, 35, 1793-1809.	3.5	27
125	Reversible induction of mitophagy by an optogenetic bimodular system. Nature Communications, 2019, 10, 1533.	5.8	27
126	Liposomes loaded with bioactive lipids enhance antibacterial innate immunity irrespective of drug resistance. Scientific Reports, 2017, 7, 45120.	1.6	26

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127	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
128	The DNA repair complex Ku70/86 modulates Apaf1 expression upon DNA damage. Cell Death and Differentiation, 2011, 18, 516-527.	5.0	22
129	Sequence of the gene coding for ribosomal protein S8 of Xenopus laevis. Gene, 1993, 132, 255-260.	1.0	21
130	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
131	Structure and expression of ribosomal protein genes in Xenopus laevis. Biochemistry and Cell Biology, 1995, 73, 969-977.	0.9	20
132	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
133	Comparative Structure Analysis of Vertebrate U17 Small Nucleolar RNA (snoRNA). Journal of Molecular Evolution, 2002, 54, 166-179.	0.8	17
134	AMBRA1: When autophagy meets cell proliferation. Autophagy, 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. Developmental Brain Research, 1999, 112, 205-215.	2.1	16
136	The multifaceted mitochondrion: An attractive candidate for therapeutic strategies. Pharmacological Research, 2015, 99, 425-433.	3.1	16
137	The epg5 knockout zebrafish line: a model to study Vici syndrome. Autophagy, 2019, 15, 1438-1454.	4.3	16
138	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
139	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
140	TFG binds LC3C to regulate ULK1 localization and autophagosome formation. EMBO Journal, 2021, 40, e103563.	3.5	15
141	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
142	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
143	XIAP: inhibitor of two worlds. EMBO Journal, 2013, 32, 2187-2188.	3.5	13
144	Novel inducers of BECN1-independent autophagy:<i>cis</i>-unsaturated fatty acids. Autophagy, 2015, 11, 575-577.	4.3	13

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145	c-Cbl targets active Src for autophagy. Nature Cell Biology, 2012, 14, 48-49.	4.6	12
146	<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
147	Emerging roles of HECTâ€type E3 ubiquitin ligases in autophagy regulation. Molecular Oncology, 2019, 13, 2033-2048.	2.1	12
148	Clinical and molecular characterization of patients with adenylosuccinate lyase deficiency. Orphanet Journal of Rare Diseases, 2021, 16, 112.	1.2	12
149	Ambra1 deficiency impairs mitophagy in skeletal muscle. Journal of Cachexia, Sarcopenia and Muscle, 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. Cellular and Molecular Life Sciences, 2008, 65, 1780-1790.	2.4	11
151	Autophagy regulation by miRNAs: when cleaning goes out of service. EMBO Journal, 2011, 30, 4517-4519.	3.5	11
152	Altered Mitochondria Morphology and Cell Metabolism in Apaf1-Deficient Cells. PLoS ONE, 2014, 9, e84666.	1.1	11
153	A novel player in the p53-mediated autophagy: Sestrin2. Cell Cycle, 2009, 8, 1466-1470.	1.3	10
154	Targeting Ions-Induced Autophagy in Cancer. Cancer Cell, 2014, 26, 599-600.	7.7	10
155	Do You Remember Mitochondria?. Frontiers in Physiology, 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. Scandinavian Journal of Immunology, 2002, 56, 174-184.	1.3	9
157	Analysis of apoptosome dysregulation in pancreatic cancer and of its role in chemoresistance. Cancer Biology and Therapy, 2007, 6, 209-217.	1.5	9
158	Non-apoptotic roles for death-related molecules: When mitochondria chose cell fate. Experimental Cell Research, 2012, 318, 1309-1315.	1.2	9
159	AMBRA1-induced mitophagy: A new mechanism to cope with cancer?. Molecular and Cellular Oncology, 2015, 2, e975647.	0.3	9
160	ULK1 ubiquitylation is regulated by phosphorylation on its carboxy terminus. Cell Cycle, 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. Italian Journal of Pediatrics, 2017, 43, 65.	1.0	9
162	nNOS/GSNOR interaction contributes to skeletal muscle differentiation and homeostasis. Cell Death and Disease, 2019, 10, 354.	2.7	9

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163	Intracellular bacteriolysis triggers a massive apoptotic cell death in Shigella-infected epithelial cells. Microbes and Infection, 2008, 10, 1114-1123.	1.0	8
164	Apaf1 in embryonic development - shaping life by death, and more. International Journal of Developmental Biology, 2015, 59, 33-39.	0.3	8
165	Altered Tregs Differentiation and Impaired Autophagy Correlate to Atherosclerotic Disease. Frontiers in Immunology, 2020, 11, 350.	2.2	8
166	c-FLIP regulates autophagy by interacting with Beclin-1 and influencing its stability. Cell Death and Disease, 2021, 12, 686.	2.7	8
167	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
168	Zebrafish <i>ambra1a</i> and <i>ambra1b</i> Silencing Affect Heart Development. Zebrafish, 2020, 17, 163-176.	0.5	7
169	Cloud hunting: doryphagy, a form of selective autophagy that degrades centriolar satellites. Autophagy, 2020, 16, 379-381.	4.3	6
170	Cloning and characterization of the European seabass, Dicentrarchus labrax, mitochondrial genome. Current Genetics, 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. Cell Death and Differentiation, 2002, 9, 340-342.	5.0	5
173	Autophagy-dependent NFÎºB regulation. Cell Cycle, 2012, 11, 436-437.	1.3	5
174	Prolonged Pseudohypoxia Targets Ambra1 mRNA to P-Bodies for Translational Repression. PLoS ONE, 2015, 10, e0129750.	1.1	5
175	Autophagy, replication stress and DNA synthesis, an intricate relationship. Cell Death and Differentiation, 2020, 27, 829-830.	5.0	5
176	Sequence of the mitochondrial tRNAThrand tRNAPro;genes from European seabass,Dicentrarchus labrax. Nucleic Acids Research, 1993, 21, 2253-2253.	6.5	4
177	Very mild isolated intellectual disability caused by adenylosuccinate lyase deficiency: a new phenotype. Molecular Genetics and Metabolism Reports, 2020, 23, 100592.	0.4	4
178	Apaf1 is no longer single. Cell Death and Differentiation, 2001, 8, 773-775.	5.0	3
179	Chapter 15 Analysis of Neuronal Cell Death in Mammals. Methods in Enzymology, 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. Autophagy, 2018, 14, 925-929.	4.3	3

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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
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