

Francesco Cecconi

List of Publications by Citations

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193
papers

29,053
citations

60
h-index

170
g-index

207
ext. papers

33,537
ext. citations

10.4
avg, IF

6.58
L-index

#	Paper	IF	Citations
193	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
192	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-546	10.2	2783
191	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
190	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008 , 4, 151-75	10.2	1920
189	Oxidative stress and autophagy: the clash between damage and metabolic needs. <i>Cell Death and Differentiation</i> , 2015 , 22, 377-88	12.7	1004
188	Regulation of autophagy by cytoplasmic p53. <i>Nature Cell Biology</i> , 2008 , 10, 676-87	23.4	899
187	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017 , 36, 1811-1836	13	857
186	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015 , 34, 856-80	13	801
185	Apaf1 (CED-4 homolog) regulates programmed cell death in mammalian development. <i>Cell</i> , 1998 , 94, 727-37	56.2	796
184	Ambra1 regulates autophagy and development of the nervous system. <i>Nature</i> , 2007 , 447, 1121-5	50.4	772
183	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015 , 22, 58-73	12.7	643
182	Glial cells generate neurons: the role of the transcription factor Pax6. <i>Nature Neuroscience</i> , 2002 , 5, 308-15	15.5	617
181	mTOR inhibits autophagy by controlling ULK1 ubiquitylation, self-association and function through AMBRA1 and TRAF6. <i>Nature Cell Biology</i> , 2013 , 15, 406-16	23.4	522
180	Apaf-1 is a transcriptional target for E2F and p53. <i>Nature Cell Biology</i> , 2001 , 3, 552-8	23.4	503
179	Cannabinoid action induces autophagy-mediated cell death through stimulation of ER stress in human glioma cells. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1359-72	15.9	500
178	Apoptosis initiated by Bcl-2-regulated caspase activation independently of the cytochrome c/Apaf-1/caspase-9 apoptosome. <i>Nature</i> , 2002 , 419, 634-7	50.4	463
177	The role of autophagy in mammalian development: cell makeover rather than cell death. <i>Developmental Cell</i> , 2008 , 15, 344-357	10.2	423

176	Apoptosis-inducing factor (AIF): key to the conserved caspase-independent pathways of cell death?. <i>Journal of Cell Science</i> , 2002 , 115, 4727-34	5.3	406
175	Apoptosis-inducing factor is involved in the regulation of caspase-independent neuronal cell death. <i>Journal of Cell Biology</i> , 2002 , 158, 507-17	7.3	405
174	Caspase-3 triggers early synaptic dysfunction in a mouse model of Alzheimer's disease. <i>Nature Neuroscience</i> , 2011 , 14, 69-76	25.5	401
173	The dynamic interaction of AMBRA1 with the dynein motor complex regulates mammalian autophagy. <i>Journal of Cell Biology</i> , 2010 , 191, 155-68	7.3	364
172	Mitochondrial release of AIF and EndoG requires caspase activation downstream of Bax/Bak-mediated permeabilization. <i>EMBO Journal</i> , 2003 , 22, 4385-99	13	336
171	Inflammation triggers synaptic alteration and degeneration in experimental autoimmune encephalomyelitis. <i>Journal of Neuroscience</i> , 2009 , 29, 3442-52	6.6	280
170	Neuronal caspase-3 signaling: not only cell death. <i>Cell Death and Differentiation</i> , 2010 , 17, 1104-14	12.7	278
169	Interdigital cell death can occur through a necrotic and caspase-independent pathway. <i>Current Biology</i> , 1999 , 9, 967-70	6.3	278
168	A dual role of p53 in the control of autophagy. <i>Autophagy</i> , 2008 , 4, 810-4	10.2	256
167	AMBRA1 is able to induce mitophagy via LC3 binding, regardless of PARKIN and p62/SQSTM1. <i>Cell Death and Differentiation</i> , 2015 , 22, 419-32	12.7	193
166	Autophagy induction impairs migration and invasion by reversing EMT in glioblastoma cells. <i>Molecular Oncology</i> , 2015 , 9, 1612-25	7.9	187
165	Mitochondrial BCL-2 inhibits AMBRA1-induced autophagy. <i>EMBO Journal</i> , 2011 , 30, 1195-208	13	171
164	Caspase-3 in the central nervous system: beyond apoptosis. <i>Trends in Neurosciences</i> , 2012 , 35, 700-9	13.3	167
163	APAF1 is a key transcriptional target for p53 in the regulation of neuronal cell death. <i>Journal of Cell Biology</i> , 2001 , 155, 207-16	7.3	166
162	Autophagy in the CNS and Periphery Coordinate Lipophagy and Lipolysis in the Brown Adipose Tissue and Liver. <i>Cell Metabolism</i> , 2016 , 23, 113-27	24.6	165
161	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, 832-41	12.7	156
160	Autophagy and cancer stem cells: molecular mechanisms and therapeutic applications. <i>Cell Death and Differentiation</i> , 2019 , 26, 690-702	12.7	155
159	Autophagic and apoptotic response to stress signals in mammalian cells. <i>Archives of Biochemistry and Biophysics</i> , 2007 , 462, 210-9	4.1	151

158	Iron-Starvation-Induced Mitophagy Mediates Lifespan Extension upon Mitochondrial Stress in <i>C. elegans</i> . <i>Current Biology</i> , 2015 , 25, 1810-22	6.3	137
157	AMBRA1 links autophagy to cell proliferation and tumorigenesis by promoting c-Myc dephosphorylation and degradation. <i>Nature Cell Biology</i> , 2015 , 17, 20-30	23.4	135
156	Unsaturated fatty acids induce non-canonical autophagy. <i>EMBO Journal</i> , 2015 , 34, 1025-41	13	126
155	Atg5 and Ambra1 differentially modulate neurogenesis in neural stem cells. <i>Autophagy</i> , 2012 , 8, 187-99	10.2	126
154	HUWE1 E3 ligase promotes PINK1/PARKIN-independent mitophagy by regulating AMBRA1 activation via IKK β . <i>Nature Communications</i> , 2018 , 9, 3755	17.4	115
153	A β toxicity in Alzheimer's disease. <i>Molecular Neurobiology</i> , 2012 , 45, 366-78	6.2	110
152	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, 1495-504	12.7	109
151	AMBRA1 interplay with cullin E3 ubiquitin ligases regulates autophagy dynamics. <i>Developmental Cell</i> , 2014 , 31, 734-46	10.2	103
150	Nonapoptotic role for Apaf-1 in the DNA damage checkpoint. <i>Molecular Cell</i> , 2007 , 28, 624-37	17.6	101
149	Autophagy and the Cell Cycle: A Complex Landscape. <i>Frontiers in Oncology</i> , 2017 , 7, 51	5.3	97
148	Apaf1 and the apoptotic machinery. <i>Cell Death and Differentiation</i> , 1999 , 6, 1087-98	12.7	97
147	Endoplasmic reticulum stress induces apoptosis by an apoptosome-dependent but caspase 12-independent mechanism. <i>Journal of Biological Chemistry</i> , 2006 , 281, 2693-700	5.4	95
146	-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	11.5	88
145	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	9.8	88
144	Fine-tuning of ULK1 mRNA and protein levels is required for autophagy oscillation. <i>Journal of Cell Biology</i> , 2016 , 215, 841-856	7.3	83
143	Maize polyamine oxidase: primary structure from protein and cDNA sequencing. <i>FEBS Letters</i> , 1998 , 426, 62-6	3.8	80
142	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021 , 40, e108863	13	79
141	A new transgenic mouse model for studying the neurotoxicity of spermine oxidase dosage in the response to excitotoxic injury. <i>Molecular Neurodegeneration</i> , 2013 , 8, P4	19	78

140	The role of autophagy during development in higher eukaryotes. <i>Traffic</i> , 2010 , 11, 1280-9	5.7	78
139	Stimulation of autophagy by rapamycin protects neurons from remote degeneration after acute focal brain damage. <i>Autophagy</i> , 2012 , 8, 222-35	10.2	77
138	Autophagy regulates satellite cell ability to regenerate normal and dystrophic muscles. <i>Cell Death and Differentiation</i> , 2016 , 23, 1839-1849	12.7	72
137	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, 8233-8	11.5	71
136	Mitochondrial dismissal in mammals, from protein degradation to mitophagy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014 , 1837, 451-60	4.6	68
135	New insights into the link between DNA damage and apoptosis. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 559-71	8.4	62
134	Schwann cell autophagy counteracts the onset and chronification of neuropathic pain. <i>Pain</i> , 2014 , 155, 93-107	8	61
133	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, 5159-73	5.6	59
132	Mitophagy in neurodegenerative diseases. <i>Neurochemistry International</i> , 2018 , 117, 156-166	4.4	56
131	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	9.8	53
130	Ambra1 at a glance. <i>Journal of Cell Science</i> , 2015 , 128, 2003-8	5.3	52
129	Expression of Meis2, a Knotted-related murine homeobox gene, indicates a role in the differentiation of the forebrain and the somitic mesoderm. <i>Developmental Dynamics</i> , 1997 , 210, 184-90	2.9	52
128	Reactivation of autophagy by spermidine ameliorates the myopathic defects of collagen VI-null mice. <i>Autophagy</i> , 2015 , 11, 2142-52	10.2	51
127	Expanding roles of programmed cell death in mammalian neurodevelopment. <i>Seminars in Cell and Developmental Biology</i> , 2005 , 16, 281-94	7.5	50
126	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, 732-41	20.1	50
125	Type 2 transglutaminase is involved in the autophagy-dependent clearance of ubiquitinated proteins. <i>Cell Death and Differentiation</i> , 2012 , 19, 1228-38	12.7	49
124	Physiological and pathological roles of Apaf1 and the apoptosome. <i>Journal of Cellular and Molecular Medicine</i> , 2003 , 7, 21-34	5.6	49
123	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, 935-52	4.3	48

122	A novel role for autophagy in neurodevelopment. <i>Autophagy</i> , 2007 , 3, 506-8	10.2	48
121	Caspase-8 and Apaf-1-independent caspase-9 activation in Sendai virus-infected cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 29817-24	5.4	48
120	Autophagy in stem and progenitor cells. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 475-96	10.3	46
119	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, 1170-7	12.7	46
118	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	6.1	45
117	Age-dependent roles of peroxisomes in the hippocampus of a transgenic mouse model of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2013 , 8, 8	19	45
116	The apoptosome: emerging insights and new potential targets for drug design. <i>Pharmaceutical Research</i> , 2008 , 25, 740-51	4.5	45
115	S-nitrosylation of the Mitochondrial Chaperone TRAP1 Sensitizes Hepatocellular Carcinoma Cells to Inhibitors of Succinate Dehydrogenase. <i>Cancer Research</i> , 2016 , 76, 4170-82	10.1	44
114	Conditional activation of Pax6 in the developing cortex of transgenic mice causes progenitor apoptosis. <i>Development (Cambridge)</i> , 2007 , 134, 1311-22	6.6	43
113	Foregut separation and tracheo-oesophageal malformations: the role of tracheal outgrowth, dorso-ventral patterning and programmed cell death. <i>Developmental Biology</i> , 2010 , 337, 351-62	3.1	42
112	Unleashing the Ambra1-Beclin 1 complex from dynein chains: Ulk1 sets Ambra1 free to induce autophagy. <i>Autophagy</i> , 2011 , 7, 115-7	10.2	42
111	Apoptosome-deficient cells lose cytochrome c through proteasomal degradation but survive by autophagy-dependent glycolysis. <i>Molecular Biology of the Cell</i> , 2008 , 19, 3576-88	3.5	42
110	Apoptosome inactivation rescues proneural and neural cells from neurodegeneration. <i>Cell Death and Differentiation</i> , 2004 , 11, 1179-91	12.7	39
109	S-nitrosoglutathione reductase deficiency-induced S-nitrosylation results in neuromuscular dysfunction. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 570-87	8.4	36
108	Apaf1 in developmental apoptosis and cancer: how many ways to die?. <i>Cellular and Molecular Life Sciences</i> , 2001 , 58, 1688-97	10.3	36
107	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, 1335-44	4.7	35
106	Apaf1-dependent programmed cell death is required for inner ear morphogenesis and growth. <i>Development (Cambridge)</i> , 2004 , 131, 2125-35	6.6	35
105	Apaf1 plays a pro-survival role by regulating centrosome morphology and function. <i>Journal of Cell Science</i> , 2011 , 124, 3450-63	5.3	34

104	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	3.7	33
103	Selective autophagy maintains centrosome integrity and accurate mitosis by turnover of centriolar satellites. <i>Nature Communications</i> , 2019 , 10, 4176	17.4	32
102	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, 4670-6	20.1	31
101	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, 3167-72	20.1	30
100	Autophagy up and down by outsmarting the incredible ULK. <i>Autophagy</i> , 2017 , 13, 967-968	10.2	29
99	Caspase regulation of genotoxin-induced neural precursor cell death. <i>Journal of Neuroscience Research</i> , 2003 , 74, 435-45	4.4	29
98	MIR7-3HG, a MYC-dependent modulator of cell proliferation, inhibits autophagy by a regulatory loop involving AMBRA1. <i>Autophagy</i> , 2017 , 13, 554-566	10.2	28
97	Expression of Ambra1 in mouse brain during physiological and Alzheimer type aging. <i>Neurobiology of Aging</i> , 2014 , 35, 96-108	5.6	28
96	Gene trap: a way to identify novel genes and unravel their biological function. <i>FEBS Letters</i> , 2000 , 480, 63-71	3.8	27
95	HUWE1 controls MCL1 stability to unleash AMBRA1-induced mitophagy. <i>Cell Death and Differentiation</i> , 2020 , 27, 1155-1168	12.7	27
94	AMBRA1 and BECLIN 1 interplay in the crosstalk between autophagy and cell proliferation. <i>Cell Cycle</i> , 2015 , 14, 959-63	4.7	26
93	Expression of Foxb1 reveals two strategies for the formation of nuclei in the developing ventral diencephalon. <i>Developmental Neuroscience</i> , 2000 , 22, 197-206	2.2	25
92	Ambra1 spatially regulates Src activity and Src/FAK-mediated cancer cell invasion via trafficking networks. <i>ELife</i> , 2017 , 6,	8.9	24
91	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, 967203	6.7	24
90	Zebrafish ambra1a and ambra1b knockdown impairs skeletal muscle development. <i>PLoS ONE</i> , 2014 , 9, e99210	3.7	24
89	AMBRA1 regulates cyclin D to guard S-phase entry and genomic integrity. <i>Nature</i> , 2021 , 592, 799-803	50.4	24
88	The pro-oxidant adaptor p66SHC promotes B cell mitophagy by disrupting mitochondrial integrity and recruiting LC3-II. <i>Autophagy</i> , 2018 , 14, 2117-2138	10.2	23
87	A brain-specific isoform of mitochondrial apoptosis-inducing factor: AIF2. <i>Cell Death and Differentiation</i> , 2010 , 17, 1155-66	12.7	23

86	Ambra1 Shapes Hippocampal Inhibition/Excitation Balance: Role in Neurodevelopmental Disorders. <i>Molecular Neurobiology</i> , 2018 , 55, 7921-7940	6.2	22
85	Astrocyte-Dependent Vulnerability to Excitotoxicity in Spermine Oxidase-Overexpressing Mouse. <i>NeuroMolecular Medicine</i> , 2016 , 18, 50-68	4.6	22
84	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	7.5	22
83	Unique features in the mitochondrial D-loop region of the European seabass <i>Dicentrarchus labrax</i> . <i>Gene</i> , 1995 , 160, 149-55	3.8	22
82	To eat, or NOT to eat: S-nitrosylation signaling in autophagy. <i>FEBS Journal</i> , 2016 , 283, 3857-3869	5.7	22
81	Autophagy induction impairs Wnt/ β -catenin signalling through β -catenin relocalisation in glioblastoma cells. <i>Cellular Signalling</i> , 2019 , 53, 357-364	4.9	22
80	Sexual dimorphism of AMBRA1-related autistic features in human and mouse. <i>Translational Psychiatry</i> , 2017 , 7, e1247	8.6	21
79	Sequence of the gene coding for ribosomal protein S8 of <i>Xenopus laevis</i> . <i>Gene</i> , 1993 , 132, 255-60	3.8	21
78	CRL4 is a master regulator of D-type cyclins. <i>Nature</i> , 2021 , 592, 789-793	50.4	21
77	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	7.8	20
76	The DNA repair complex Ku70/86 modulates Apaf1 expression upon DNA damage. <i>Cell Death and Differentiation</i> , 2011 , 18, 516-27	12.7	20
75	Prosurvival AMBRA1 turns into a proapoptotic BH3-like protein during mitochondrial apoptosis. <i>Autophagy</i> , 2016 , 12, 963-75	10.2	20
74	Structure and expression of ribosomal protein genes in <i>Xenopus laevis</i> . <i>Biochemistry and Cell Biology</i> , 1995 , 73, 969-77	3.6	19
73	Liposomes loaded with bioactive lipids enhance antibacterial innate immunity irrespective of drug resistance. <i>Scientific Reports</i> , 2017 , 7, 45120	4.9	18
72	Macroautophagy inhibition maintains fragmented mitochondria to foster T cell receptor-dependent apoptosis. <i>EMBO Journal</i> , 2016 , 35, 1793-809	13	18
71	AMBRA1 Controls Regulatory T-Cell Differentiation and Homeostasis Upstream of the FOXO3-FOXP3 Axis. <i>Developmental Cell</i> , 2018 , 47, 592-607.e6	10.2	18
70	Oxidative DNA damage in neurons: implication of ku in neuronal homeostasis and survival. <i>International Journal of Cell Biology</i> , 2012 , 2012, 752420	2.6	16
69	Reversible induction of mitophagy by an optogenetic bimodular system. <i>Nature Communications</i> , 2019 , 10, 1533	17.4	15

68	Comparative structure analysis of vertebrate U17 small nucleolar RNA (snoRNA). <i>Journal of Molecular Evolution</i> , 2002 , 54, 166-79	3.1	14
67	Loss of Ambra1 promotes melanoma growth and invasion. <i>Nature Communications</i> , 2021 , 12, 2550	17.4	14
66	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, The</i> , 2021 , 5, 100092		14
65	AMBRA1: When autophagy meets cell proliferation. <i>Autophagy</i> , 2015 , 11, 1705-7	10.2	13
64	The multifaceted mitochondrion: An attractive candidate for therapeutic strategies. <i>Pharmacological Research</i> , 2015 , 99, 425-33	10.2	13
63	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, 1595-602	5.4	13
62	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	3.1	13
61	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, 205-15		13
60	Novel inducers of BECN1-independent autophagy: cis-unsaturated fatty acids. <i>Autophagy</i> , 2015 , 11, 575-70.2	10.2	12
59	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, 1227-31	9.7	12
58	Connecting autophagy: AMBRA1 and its network of regulation. <i>Molecular and Cellular Oncology</i> , 2015 , 2, e970059	1.2	11
57	XIAP: inhibitor of two worlds. <i>EMBO Journal</i> , 2013 , 32, 2187-8	13	11
56	c-Cbl targets active Src for autophagy. <i>Nature Cell Biology</i> , 2011 , 14, 48-9	23.4	11
55	Redox activation of ATM enhances GSNOR translation to sustain mitophagy and tolerance to oxidative stress. <i>EMBO Reports</i> , 2021 , 22, e50500	6.5	11
54	The knockout zebrafish line: a model to study Vici syndrome. <i>Autophagy</i> , 2019 , 15, 1438-1454	10.2	11
53	S-Nitrosoglutathione Reductase Plays Opposite Roles in SH-SY5Y Models of Parkinson's Disease and Amyotrophic Lateral Sclerosis. <i>Mediators of Inflammation</i> , 2015 , 2015, 536238	4.3	10
52	Altered mitochondria morphology and cell metabolism in Apaf1-deficient cells. <i>PLoS ONE</i> , 2014 , 9, e84666	6.7	10
51	Autophagy regulation by miRNAs: when cleaning goes out of service. <i>EMBO Journal</i> , 2011 , 30, 4517-9	13	10

50	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, 1780-90	10.3	10
49	No evidence of association between schools and SARS-CoV-2 second wave in Italy		10
48	JNK1 and ERK1/2 modulate lymphocyte homeostasis via BIM and DRP1 upon AICD induction. <i>Cell Death and Differentiation</i> , 2020 , 27, 2749-2767	12.7	9
47	Targeting ions-induced autophagy in cancer. <i>Cancer Cell</i> , 2014 , 26, 599-600	24.3	9
46	Analysis of apoptosome dysregulation in pancreatic cancer and of its role in chemoresistance. <i>Cancer Biology and Therapy</i> , 2007 , 6, 209-17	4.6	9
45	nNOS/GSNOR interaction contributes to skeletal muscle differentiation and homeostasis. <i>Cell Death and Disease</i> , 2019 , 10, 354	9.8	8
44	Age related retinal Ganglion cell susceptibility in context of autophagy deficiency. <i>Cell Death Discovery</i> , 2020 , 6, 21	6.9	8
43	Non-apoptotic roles for death-related molecules: when mitochondria chose cell fate. <i>Experimental Cell Research</i> , 2012 , 318, 1309-15	4.2	8
42	Intracellular bacteriolysis triggers a massive apoptotic cell death in Shigella-infected epithelial cells. <i>Microbes and Infection</i> , 2008 , 10, 1114-23	9.3	8
41	Emerging roles of HECT-type E3 ubiquitin ligases in autophagy regulation. <i>Molecular Oncology</i> , 2019 , 13, 2033-2048	7.9	7
40	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	3.2	7
39	ULK1 ubiquitylation is regulated by phosphorylation on its carboxy terminus. <i>Cell Cycle</i> , 2017 , 16, 1744-1747	7.7	7
38	Apaf1 in embryonic development - shaping life by death, and more. <i>International Journal of Developmental Biology</i> , 2015 , 59, 33-9	1.9	7
37	AMBRA1-induced mitophagy: A new mechanism to cope with cancer?. <i>Molecular and Cellular Oncology</i> , 2015 , 2, e975647	1.2	7
36	TFG binds LC3C to regulate ULK1 localization and autophagosome formation. <i>EMBO Journal</i> , 2021 , 40, e103563	13	7
35	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, 215-21	2.9	6
34	Altered Tregs Differentiation and Impaired Autophagy Correlate to Atherosclerotic Disease. <i>Frontiers in Immunology</i> , 2020 , 11, 350	8.4	5
33	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, 174-84	3.4	5

32	Apaf1 reduced expression levels generate a mutant phenotype in adult brain and skeleton. <i>Cell Death and Differentiation</i> , 2002 , 9, 340-2	12.7	5
31	From ES cells to mice: the gene trap approach. <i>Methods in Molecular Biology</i> , 2002 , 185, 335-46	1.4	5
30	Cloning and characterization of the European seabass, <i>Dicentrarchus labrax</i> , mitochondrial genome. <i>Current Genetics</i> , 1994 , 26, 139-45	2.9	5
29	Cloud hunting: doryphagy, a form of selective autophagy that degrades centriolar satellites. <i>Autophagy</i> , 2020 , 16, 379-381	10.2	5
28	Do You Remember Mitochondria?. <i>Frontiers in Physiology</i> , 2020 , 11, 271	4.6	5
27	Prolonged Pseudohypoxia Targets Ambra1 mRNA to P-Bodies for Translational Repression. <i>PLoS ONE</i> , 2015 , 10, e0129750	3.7	4
26	Autophagy, replication stress and DNA synthesis, an intricate relationship. <i>Cell Death and Differentiation</i> , 2020 , 27, 829-830	12.7	4
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