Elisabetta Ferraro

List of Publications by Year
in descending order

51 papers	6,558 citations	257357 24 h-index	197736 49 g-index
54 all docs	54 docs citations	54 times ranked	16103 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	Chemotherapeutic Drugs and Mitochondrial Dysfunction: Focus on Doxorubicin, Trastuzumab, and Sunitinib. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-15.	1.9	237
3	Autophagic and apoptotic response to stress signals in mammalian cells. Archives of Biochemistry and Biophysics, 2007, 462, 210-219.	1.4	162
4	Exercise-Induced Skeletal Muscle Remodeling and Metabolic Adaptation: Redox Signaling and Role of Autophagy. Antioxidants and Redox Signaling, 2014, 21, 154-176.	2.5	157
5	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
6	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
7	The Role of Metabolic Remodeling in Macrophage Polarization and Its Effect on Skeletal Muscle Regeneration. Antioxidants and Redox Signaling, 2019, 30, 1553-1598.	2.5	82
8	The mitochondrial metabolic reprogramming agent trimetazidine as an â€˜exercise mimeticâ€™ in cachectic C26â€bearing mice. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 954-973.	2.9	63
9	Expanding roles of programmed cell death in mammalian neurodevelopment. Seminars in Cell and Developmental Biology, 2005, 16, 281-294.	2.3	57
10	Physiological and pathological roles of Apaf1 and the apoptosome. Journal of Cellular and Molecular Medicine, 2003, 7, 21-34.	1.6	55
11	Skeletal-Muscle Metabolic Reprogramming in ALS-SOD1G93A Mice Predates Disease Onset and Is A Promising Therapeutic Target. IScience, 2020, 23, 101087.	1.9	55
12	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
13	Apoptosome-deficient Cells Lose Cytochromecthrough Proteasomal Degradation but Survive by Autophagy-dependent Glycolysis. Molecular Biology of the Cell, 2008, 19, 3576-3588.	0.9	47
14	Molecular control of neuromuscular junction development. Journal of Cachexia, Sarcopenia and Muscle, 2012, 3, 13-23.	2.9	47
15	Improvement of skeletal muscle performance in ageing by the metabolic modulator Trimetazidine. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 449-457.	2.9	44
16	Apoptosome inactivation rescues proneural and neural cells from neurodegeneration. Cell Death and Differentiation, 2004, 11, 1179-1191.	5.0	42
17	S-Nitrosoglutathione Reductase Deficiency-Induced S-Nitrosylation Results in Neuromuscular Dysfunction. Antioxidants and Redox Signaling, 2014, 21, 570-587.	2.5	42
18	Apaf1 plays a pro-survival role by regulating centrosome morphology and function. Journal of Cell Science, 2011, 124, 3450-3463.	1.2	41

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19	The metabolic modulator trimetazidine triggers autophagy and counteracts stressâ€induced atrophy in skeletal muscle myotubes. FEBS Journal, 2013, 280, 5094-5108.	2.2	39
20	Exposure to low-dose rotenone precipitates synaptic plasticity alterations in PINK1 heterozygous knockout mice. Neurobiology of Disease, 2016, 91, 21-36.	2.1	36
21	HIF-1, the Warburg Effect, and Macrophage/Microglia Polarization Potential Role in COVID-19 Pathogenesis. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-10.	1.9	30
22	Increased spermine oxidase (SMO) activity as a novel differentiation marker of myogenic C2C12 cells. International Journal of Biochemistry and Cell Biology, 2009, 41, 934-944.	1.2	29
23	Modulating the metabolism by trimetazidine enhances myoblast differentiation and promotes myogenesis in cachectic tumor-bearing c26 mice. Oncotarget, 2017, 8, 113938-113956.	0.8	29
24	Animal models of cardiac cachexia. International Journal of Cardiology, 2016, 219, 105-110.	0.8	27
25	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
26	The DNA repair complex Ku70/86 modulates Apaf1 expression upon DNA damage. Cell Death and Differentiation, 2011, 18, 516-527.	5.0	22
27	Microvascular inflammation in atherosclerosis. IJC Metabolic & Endocrine, 2014, 3, 1-7.	0.5	22
28	Sarcopenia Diagnosis: Reliability of the Ultrasound Assessment of the Tibialis Anterior Muscle as an Alternative Evaluation Tool. Diagnostics, 2021, 11, 2158.	1.3	21
29	Repurposing of Trimetazidine for amyotrophic lateral sclerosis: A study in SOD1^{G93A}mice. British Journal of Pharmacology, 2022, 179, 1732-1752.	2.7	21
30	Superhydrophobic lab-on-chip measures secretome protonation state and provides a personalized risk assessment of sporadic tumour. Npj Precision Oncology, 2018, 2, 26.	2.3	20
31	Metabolic Reprogramming Promotes Myogenesis During Aging. Frontiers in Physiology, 2019, 10, 897.	1.3	19
32	Both ghrelin deletion and unacylated ghrelin overexpression preserve muscles in aging mice. Aging, 2020, 12, 13939-13957.	1.4	19
33	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
34	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
35	Altered Mitochondria Morphology and Cell Metabolism in Apaf1-Deficient Cells. PLoS ONE, 2014, 9, e84666.	1.1	11
36	CXCL12 prolongs naive CD4 + T lymphocytes survival via activation of PKA, CREB and Bcl2 and BclXl up-regulation. International Journal of Cardiology, 2016, 224, 206-212.	0.8	11

#	Article	IF	Citations
37	nNOS/GSNOR interaction contributes to skeletal muscle differentiation and homeostasis. Cell Death and Disease, 2019, 10, 354.	2.7	9
38	Evaluation of Browning Markers in Subcutaneous Adipose Tissue of Newly Diagnosed Gastrointestinal Cancer Patients with and without Cachexia. Cancers, 2022, 14, 1948.	1.7	9
39	Intracellular bacteriolysis triggers a massive apoptotic cell death in Shigella-infected epithelial cells. Microbes and Infection, 2008, 10, 1114-1123.	1.0	8
40	Apaf1-deficient cortical neurons exhibit defects in axonal outgrowth. Cellular and Molecular Life Sciences, 2015, 72, 4173-4191.	2.4	7
41	Microglia Morphological Changes in the Motor Cortex of hSOD1G93A Transgenic ALS Mice. Brain Sciences, 2021, 11, 807.	1.1	6
42	Apaf1 reduced expression levels generate a mutant phenotype in adult brain and skeleton. Cell Death and Differentiation, 2002, 9, 340-342.	5.0	5
43	Early Decrease in Respiration and Uncoupling Event Independent of CytochromecRelease in PC12 Cells Undergoing Apoptosis. International Journal of Cell Biology, 2012, 2012, 1-11.	1.0	5
44	Liquid Biopsy for Cancer Cachexia: Focus on Muscle-Derived microRNAs. International Journal of Molecular Sciences, 2021, 22, 9007.	1.8	5
45	Pilocytic Astrocytoma-Derived Cells in Peripheral Blood: A Case Report. Frontiers in Oncology, 2021, 11, 737730.	1.3	4
46	Advance in the Diagnostics and Management of Musculoskeletal Diseases. Diagnostics, 2022, 12, 1588.	1.3	4
47	Apoptosome Structure and Regulation. , 2010, , 27-39.		2
48	Muscle mitochondria and oxidative metabolism as targets against cancer cachexia. Journal of Cancer Metastasis and Treatment, 0, 2019, .	0.5	2
49	Ranolazine Counteracts Strength Impairment and Oxidative Stress in Aged Sarcopenic Mice. Metabolites, 2022, 12, 663.	1.3	2
50	Skeletal-Muscle Metabolic Reprogramming in ALS-SOD1 ^{G93G} Mice Predates Disease Onset and is a Promising Therapeutic Target. SSRN Electronic Journal, 0, , .	0.4	0
51	Both ghrelin deletion and unacylated ghrelin overexpression preserve muscles in aging mice. Endocrine Abstracts, 0, , .	0.0	0