Carlo Follo

List of Publications by Year
in descending order

35 papers	6,374 citations	279798 23 h-index	361022 35 g-index
35 all docs	35 docs citations	35 times ranked	17063 citing authors

#	Article	IF	Citations
1	High Expression of the Lysosomal Protease Cathepsin D Confers Better Prognosis in Neuroblastoma Patients by Contrasting EGF-Induced Neuroblastoma Cell Growth. International Journal of Molecular Sciences, 2022, 23, 4782.	4.1	3
2	Autophagy facilitates the release of immunogenic signals following chemotherapy in 3D models of mesothelioma. Molecular Carcinogenesis, 2019, 58, 1754-1769.	2.7	16
3	Amino acid response by Halofuginone in Cancer cells triggers autophagy through proteasome degradation of mTOR. Cell Communication and Signaling, 2019, 17, 39.	6.5	28
4	Autophagy in 3D In Vitro and Ex Vivo Cancer Models. Methods in Molecular Biology, 2019, 1880, 491-510.	0.9	1
5	Inhibition of autophagy initiation potentiates chemosensitivity in mesothelioma. Molecular Carcinogenesis, 2018, 57, 319-332.	2.7	32
6	3D Models of Mesothelioma in the Study of Mechanisms of Cell Survival. Current Cancer Research, 2017, , 237-257.	0.2	1
7	The protein restriction mimetic Resveratrol is an autophagy inducer stronger than amino acid starvation in ovarian cancer cells. Molecular Carcinogenesis, 2017, 56, 2681-2691.	2.7	29
8	The Role of Cathepsin D in the Pathogenesis of Human Neurodegenerative Disorders. Medicinal Research Reviews, 2016, 36, 845-870.	10.5	109
9	Role of Carbonyl Modifications on Aging-Associated Protein Aggregation. Scientific Reports, 2016, 6, 19311.	3.3	82
10	Autophagy initiation correlates with the autophagic flux in 3D models of mesothelioma and with patient outcome. Autophagy, 2016, 12, 1180-1194.	9.1	18
11	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
12	Analysis of Gene Expression in 3D Spheroids Highlights a Survival Role for ASS1 in Mesothelioma. PLoS ONE, 2016, 11, e0150044.	2.5	30
13	PTEN dephosphorylates AKT to prevent the expression of GLUT1 on plasmamembrane and to limit glucose consumption in cancer cells. Oncotarget, 2016, 7, 84999-85020.	1.8	65
14	Autophagy Correlates with the Therapeutic Responsiveness of Malignant Pleural Mesothelioma in 3D Models. PLoS ONE, 2015, 10, e0134825.	2.5	14
15	Turmeric Toxicity in A431 Epidermoid Cancer Cells Associates with Autophagy Degradation of Antiâ€apoptotic and Antiâ€autophagic p53 Mutant. Phytotherapy Research, 2014, 28, 1761-1769.	5.8	32
16	Epigenetic Control of Autophagy by MicroRNAs in Ovarian Cancer. BioMed Research International, 2014, 2014, 1-11.	1.9	26
17	PTEN regulates plasma membrane expression of glucose transporter 1 and glucose uptake in thyroid cancer cells. Journal of Molecular Endocrinology, 2014, 53, 247-258.	2.5	37
18	PTEN deficiency and mutant p53 confer glucose-addiction to thyroid cancer cells: impact of glucose depletion on cell proliferation, cell survival, autophagy and cell migration. Genes and Cancer, 2014, 5, 226-239.	1.9	27

#	Article	IF	Citations
19	Similarities and differences in the biogenesis, processing and lysosomal targeting between zebrafish and human pro-Cathepsin D: Functional implications. International Journal of Biochemistry and Cell Biology, 2013, 45, 273-282.	2.8	6
20	Knockdown of cathepsin D in zebrafish fertilized eggs determines congenital myopathy. Bioscience Reports, 2013, 33, e00034.	2.4	23
21	Biocompatibility, endocytosis, and intracellular trafficking of mesoporous silica and polystyrene nanoparticles in ovarian cancer cells: effects of size and surface charge groups. International Journal of Nanomedicine, 2012, 7, 4147.	6.7	90
22	Age-Related Oxidative Stress Compromises Endosomal Proteostasis. Cell Reports, 2012, 2, 136-149.	6.4	77
23	Dopamine induces apoptosis in APPswe-expressing Neuro2A cells following Pepstatin-sensitive proteolysis of APP in acid compartments. Brain Research, 2012, 1471, 102-117.	2.2	17
24	Oxidative stress, inflamm-aging and immunosenescence. Journal of Proteomics, 2011, 74, 2313-2323.	2.4	252
25	Knock-Down of Cathepsin D Affects the Retinal Pigment Epithelium, Impairs Swim-Bladder Ontogenesis and Causes Premature Death in Zebrafish. PLoS ONE, 2011, 6, e21908.	2.5	42
26	The dilemma: Does tissue expression of cathepsin D reflect tumor malignancy? The question: Does the assay truly mirror cathepsin D mis-function in the tumor?. Cancer Biomarkers, 2010, 7, 47-64.	1.7	44
27	Inhibition of PI3k Class IIIâ€“Dependent Autophagy Prevents Apoptosis and Necrosis by Oxidative Stress in Dopaminergic Neuroblastoma Cells. Toxicological Sciences, 2010, 117, 152-162.	3.1	70
28	Autophagy-active beclin-1 correlates with favourable clinical outcome in non-Hodgkin lymphomas. Modern Pathology, 2010, 23, 937-950.	5.5	70
29	A fast and simple method for simultaneous mixed site-specific mutagenesis of a wide coding sequence. Biotechnology and Applied Biochemistry, 2008, 49, 175.	3.1	19
30	Suppression of autophagy precipitates neuronal cell death following low doses of methamphetamine. Journal of Neurochemistry, 2008, 106, 1426-1439.	3.9	101
31	Resveratrol-induced apoptosis depends on the lipid kinase activity of Vps34 and on the formation of autophagolysosomes. Carcinogenesis, 2008, 29, 381-389.	2.8	98
32	Folding, activity and targeting of mutated human cathepsin D that cannot be processed into the double-chain form. International Journal of Biochemistry and Cell Biology, 2007, 39, 638-649.	2.8	16
33	Cathepsin Dâ€“Bax death pathway in oxidative stressed neuroblastoma cells. Free Radical Biology and Medicine, 2007, 42, 1305-1316.	2.9	77
34	High yield synthesis and characterization of phosphorylated recombinant human procathepsin D expressed in mammalian cells. Protein Expression and Purification, 2006, 45, 157-167.	1.3	12
35	Resveratrol induces cell death in colorectal cancer cells by a novel pathway involving lysosomal cathepsin D. Carcinogenesis, 2006, 28, 922-931.	2.8	109