Patrizia M Agostinis

List of Publications by Year
in descending order

239	46,103	4146	1980
papers	citations	87 h-index	206 g-index

249	249	249	59452
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	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.	11.2	4,036
3	Photodynamic therapy of cancer: An update. Ca-A Cancer Journal for Clinicians, 2011, 61, 250-281.	329.8	3,902
4	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
5	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	9.1	2,064
6	Immunogenic cell death and DAMPs in cancer therapy. Nature Reviews Cancer, 2012, 12, 860-875.	28.4	1,984
7	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502	9.1	1,430
8	EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. Nature Methods, 2017, 14, 228-232.	19.0	886
9	Consensus guidelines for the detection of immunogenic cell death. OncoImmunology, 2014, 3, e955691.	4.6	686
10	A novel pathway combining calreticulin exposure and ATP secretion in immunogenic cancer cell death. EMBO Journal, 2012, 31, 1062-1079.	7.8	641
11	PERK is required at the ER-mitochondrial contact sites to convey apoptosis after ROS-based ER stress. Cell Death and Differentiation, 2012, 19, 1880-1891.	11.2	620
12	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death. , 2020, 8, e000337.		610
13	Endoplasmic reticulum stress signalling â€“ from basic mechanisms to clinical applications. FEBS Journal, 2019, 286, 241-278.	4.7	568
14	Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. Trends in Immunology, 2011, 32, 157-164.	6.8	564
15	Caspase-mediated cleavage of Beclin-1 inactivates Beclin-1-induced autophagy and enhances apoptosis by promoting the release of proapoptotic factors from mitochondria. Cell Death and Disease, 2010, 1, e18-e18.	6.3	555
16	Activation of p38 MAPK is required for Bax translocation to mitochondria, cytochrome c release and apoptosis induced by UVB irradiation in human keratinocytes. FASEB Journal, 2004, 18, 1946-1948.	0.5	464
17	Molecular effectors of multiple cell death pathways initiated by photodynamic therapy. Biochimica Et Biophysica Acta: Reviews on Cancer, 2007, 1776, 86-107.	7.4	414
18	Defining the role of the tumor vasculature in antitumor immunity and immunotherapy. Cell Death and Disease, 2018, 9, 115.	6.3	408

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19	Hypericin in cancer treatment: more light on the way. International Journal of Biochemistry and Cell Biology, 2002, 34, 221-241.	2.8	395
20	Classification of current anticancer immunotherapies. Oncotarget, 2014, 5, 12472-12508.	1.8	395
21	Autophagy: for better or for worse. Cell Research, 2012, 22, 43-61.	12.0	373
22	Tumor Vessel Normalization by Chloroquine Independent of Autophagy. Cancer Cell, 2014, 26, 190-206.	16.8	358
23	ER stress-induced inflammation: does it aid or impede disease progression?. Trends in Molecular Medicine, 2012, 18, 589-598.	6.7	340
24	Targeting ER stress induced apoptosis and inflammation in cancer. Cancer Letters, 2013, 332, 249-264.	7.2	331
25	Cell death and immunity in cancer: From danger signals to mimicry of pathogen defense responses. Immunological Reviews, 2017, 280, 126-148.	6.0	325
26	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. Frontiers in Immunology, 2015, 6, 588.	4.8	317
27	Vaccination with Necroptotic Cancer Cells Induces Efficient Anti-tumor Immunity. Cell Reports, 2016, 15, 274-287.	6.4	317
28	New functions of mitochondria associated membranes in cellular signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2253-2262.	4.1	312
29	Immunogenic cell death, DAMPs and anticancer therapeutics: An emerging amalgamation. Biochimica Et Biophysica Acta: Reviews on Cancer, 2010, 1805, 53-71.	7.4	292
30	Immature, Semi-Mature, and Fully Mature Dendritic Cells: Toward a DC-Cancer Cells Interface That Augments Anticancer Immunity. Frontiers in Immunology, 2013, 4, 438.	4.8	289
31	Linking ER Stress to Autophagy: Potential Implications for Cancer Therapy. International Journal of Cell Biology, 2010, 2010, 1-19.	2.5	281
32	Integrating Next-Generation Dendritic Cell Vaccines into the Current Cancer Immunotherapy Landscape. Trends in Immunology, 2017, 38, 577-593.	6.8	276
33	ROS-mediated mechanisms of autophagy stimulation and their relevance in cancer therapy. Autophagy, 2010, 6, 838-854.	9.1	263
34	Photodynamic therapy: illuminating the road from cell death towards anti-tumour immunity. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1050-1071.	4.9	253
35	ROS-induced autophagy in cancer cells assists in evasion from determinants of immunogenic cell death. Autophagy, 2013, 9, 1292-1307.	9.1	252
36	Hypericin-based photodynamic therapy induces surface exposure of damage-associated molecular patterns like HSP70 and calreticulin. Cancer Immunology, Immunotherapy, 2012, 61, 215-221.	4.2	246

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37	Autophagy: shaping the tumor microenvironment and therapeutic response. Trends in Molecular Medicine, 2013, 19, 428-446.	6.7	237
38	Dendritic cell vaccines based on immunogenic cell death elicit danger signals and T cellâ€“driven rejection of high-grade glioma. Science Translational Medicine, 2016, 8, 328ra27.	12.4	220
39	Role of endoplasmic reticulum depletion and multidomain proapoptotic BAX and BAK proteins in shaping cell death after hypericinâ€mediated photodynamic therapy. FASEB Journal, 2006, 20, 756-758.	0.5	217
40	ER stress, autophagy and immunogenic cell death in photodynamic therapy-induced anti-cancer immune responses. Photochemical and Photobiological Sciences, 2014, 13, 474-487.	2.9	214
41	Inducers of immunogenic cancer cell death. Cytokine and Growth Factor Reviews, 2013, 24, 319-333.	7.2	209
42	Trial watch: Immunogenic cell death induction by anticancer chemotherapeutics. OncoImmunology, 2017, 6, e1386829.	4.6	209
43	ORP5/ORP8 localize to endoplasmic reticulumâ€“mitochondria contacts and are involved in mitochondrial function. EMBO Reports, 2016, 17, 800-810.	4.5	206
44	The Activation of the c-Jun N-terminal Kinase and p38 Mitogen-activated Protein Kinase Signaling Pathways Protects HeLa Cells from Apoptosis Following Photodynamic Therapy with Hypericin. Journal of Biological Chemistry, 1999, 274, 8788-8796.	3.4	203
45	Assessing autophagy in the context of photodynamic therapy. Autophagy, 2010, 6, 7-18.	9.1	203
46	Repurposing Drugs in Oncology (ReDO)â€”chloroquine and hydroxychloroquine as anti-cancer agents. Ecancermedicalscience, 2017, 11, 781.	1.1	197
47	ATP13A2 deficiency disrupts lysosomal polyamine export. Nature, 2020, 578, 419-424.	27.8	193
48	Danger signalling during cancer cell death: origins, plasticity and regulation. Cell Death and Differentiation, 2014, 21, 26-38.	11.2	187
49	Immunogenic cell death. International Journal of Developmental Biology, 2015, 59, 131-140.	0.6	181
50	Non-canonical function of IRE1Î± determines mitochondria-associated endoplasmic reticulum composition to control calcium transfer and bioenergetics. Nature Cell Biology, 2019, 21, 755-767.	10.3	168
51	Regulatory pathways in photodynamic therapy induced apoptosis. Photochemical and Photobiological Sciences, 2004, 3, 721.	2.9	165
52	Newcastle disease virotherapy induces longâ€term survival and tumorâ€specific immune memory in orthotopic glioma through the induction of immunogenic cell death. International Journal of Cancer, 2015, 136, E313-25.	5.1	165
53	The ER Stress Sensor PERK Coordinates ER-Plasma Membrane Contact Site Formation through Interaction with Filamin-A and F-Actin Remodeling. Molecular Cell, 2017, 65, 885-899.e6.	9.7	165
54	Autophagy in disease: a double-edged sword with therapeutic potential. Clinical Science, 2009, 116, 697-712.	4.3	161

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55	Physical modalities inducing immunogenic tumor cell death for cancer immunotherapy. OncoImmunology, 2014, 3, e968434.	4.6	160
56	The Unfolded Protein Response in Immunogenic Cell Death and Cancer Immunotherapy. Trends in Cancer, 2017, 3, 643-658.	7.4	152
57	Mitophagy in Cancer: A Tale of Adaptation. Cells, 2019, 8, 493.	4.1	149
58	Immunological metagene signatures derived from immunogenic cancer cell death associate with improved survival of patients with lung, breast or ovarian malignancies: A large-scale meta-analysis. OncoImmunology, 2016, 5, e1069938.	4.6	148
59	Ins(1,4,5)P₃receptor-mediated Ca²⁺signaling and autophagy induction are interrelated. Autophagy, 2011, 7, 1472-1489.	9.1	143
60	Differential Stimulation of ERK and JNK Activities by Ultraviolet B Irradiation and Epidermal Growth Factor in Human Keratinocytes. Journal of Investigative Dermatology, 1997, 108, 886-891.	0.7	141
61	Lipid availability determines fate of skeletal progenitor cells via SOX9. Nature, 2020, 579, 111-117.	27.8	140
62	p38 Mitogen-activated Protein Kinase Regulates a Novel, Caspase-independent Pathway for the Mitochondrial Cytochromec Release in Ultraviolet B Radiation-induced Apoptosis. Journal of Biological Chemistry, 2000, 275, 21416-21421.	3.4	138
63	Citrullinated Glucose-Regulated Protein 78 Is an Autoantigen in Type 1 Diabetes. Diabetes, 2015, 64, 573-586.	0.6	136
64	Autophagy in endothelial cells and tumor angiogenesis. Cell Death and Differentiation, 2019, 26, 665-679.	11.2	133
65	DAMPs and PDT-mediated photo-oxidative stress: exploring the unknown. Photochemical and Photobiological Sciences, 2011, 10, 670-680.	2.9	131
66	Hypericin-induced photosensitization of HeLa cells leads to apoptosis or necrosis. FEBS Letters, 1998, 440, 19-24.	2.8	126
67	Mitochondria are targets for peroxisome-derived oxidative stress in cultured mammalian cells. Free Radical Biology and Medicine, 2013, 65, 882-894.	2.9	126
68	Up-regulation of Cyclooxygenase-2 and Apoptosis Resistance by p38 MAPK in Hypericin-mediated Photodynamic Therapy of Human Cancer Cells. Journal of Biological Chemistry, 2003, 278, 52231-52239.	3.4	125
69	Transplantation and Damage-Associated Molecular Patterns (DAMPs). American Journal of Transplantation, 2016, 16, 3338-3361.	4.7	125
70	Trial watch: dendritic cell vaccination for cancer immunotherapy. OncoImmunology, 2019, 8, 1638212.	4.6	125
71	Induction of heme-oxygenase 1 requires the p38MAPK and PI3K pathways and suppresses apoptotic cell death following hypericin-mediated photodynamic therapy. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 731-741.	4.9	119
72	Autophagy and the Kidney: Implications for Ischemia-Reperfusion Injury and Therapy. American Journal of Kidney Diseases, 2015, 66, 699-709.	1.9	116

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73	Cell death in the skin. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 549-569.	4.9	115
74	The Multifaceted Photocytotoxic Profile of Hypericin. Molecular Pharmaceutics, 2009, 6, 1775-1789.	4.6	114
75	BNIP3 supports melanoma cell migration and vasculogenic mimicry by orchestrating the actin cytoskeleton. Cell Death and Disease, 2014, 5, e1127-e1127.	6.3	113
76	Pathogen response-like recruitment and activation of neutrophils by sterile immunogenic dying cells drives neutrophil-mediated residual cell killing. Cell Death and Differentiation, 2017, 24, 832-843.	11.2	111
77	Cell death and growth arrest in response to photodynamic therapy with membrane-bound photosensitizers. Biochemical Pharmacology, 2003, 66, 1651-1659.	4.4	108
78	Ultraviolet radiation-induced apoptosis in keratinocytes: On the role of cytosolic factors. Biochimica Et Biophysica Acta: Reviews on Cancer, 2005, 1755, 90-106.	7.4	108
79	The BH4 Domain of Anti-apoptotic Bcl-XL, but Not That of the Related Bcl-2, Limits the Voltage-dependent Anion Channel 1 (VDAC1)-mediated Transfer of Pro-apoptotic Ca2+ Signals to Mitochondria. Journal of Biological Chemistry, 2015, 290, 9150-9161.	3.4	108
80	Autophagy pathways activated in response to PDT contribute to cell resistance against ROS damage. Journal of Cellular and Molecular Medicine, 2011, 15, 1402-1414.	3.6	106
81	Phosphorylation of Bcl-2 in G2/M Phase-arrested Cells following Photodynamic Therapy with Hypericin Involves a CDK1-mediated Signal and Delays the Onset of Apoptosis. Journal of Biological Chemistry, 2002, 277, 37718-37731.	3.4	105
82	Sensitization of glioblastoma tumor micro-environment to chemo- and immunotherapy by Galectin-1 intranasal knock-down strategy. Scientific Reports, 2017, 7, 1217.	3.3	105
83	Specificity of the polycation-stimulated (type-2A) and ATP, Mg-dependent (type-1) protein phosphatases toward substrates phosphorylated by P34cdc2 kinase. FEBS Journal, 1992, 205, 241-248.	0.2	104
84	Immunogenic versus tolerogenic phagocytosis during anticancer therapy: mechanisms and clinical translation. Cell Death and Differentiation, 2016, 23, 938-951.	11.2	104
85	Efficacy of antitumoral photodynamic therapy with hypericin: Relationship between biodistribution and photodynamic effects in the RIF-1 mouse tumor model. International Journal of Cancer, 2001, 93, 275-282.	5.1	102
86	Proteasome Inhibition Potentiates Antitumor Effects of Photodynamic Therapy in Mice through Induction of Endoplasmic Reticulum Stress and Unfolded Protein Response. Cancer Research, 2009, 69, 4235-4243.	0.9	96
87	Perk-dependent repression of miR-106b-25 cluster is required for ER stress-induced apoptosis. Cell Death and Disease, 2012, 3, e333-e333.	6.3	94
88	Molecular effectors and modulators of hypericin-mediated cell death in bladder cancer cells. Oncogene, 2008, 27, 1916-1929.	5.9	93
89	Cancer immunogenicity, danger signals, and DAMPs: What, when, and how?. BioFactors, 2013, 39, 355-367.	5.4	92
90	Sustained SREBP-1-dependent lipogenesis as a key mediator of resistance to BRAF-targeted therapy. Nature Communications, 2018, 9, 2500.	12.8	92

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91	The emergence of phox-ER stress induced immunogenic apoptosis. OncoImmunology, 2012, 1, 786-788.	4.6	89
92	A lipid switch unlocks Parkinsonâ€™s disease-associated ATP13A2. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9040-9045.	7.1	87
93	Trial watch: Dendritic cell-based anticancer immunotherapy. OncoImmunology, 2017, 6, e1328341.	4.6	87
94	Antitumor Immunity Triggered by Melphalan Is Potentiated by Melanoma Cell Surfaceâ€“Associated Calreticulin. Cancer Research, 2015, 75, 1603-1614.	0.9	86
95	Photodynamic therapy with hypericin induces vascular damage and apoptosis in the RIF-1 mouse tumor model. International Journal of Cancer, 2002, 98, 284-290.	5.1	84
96	Apoptosis signal regulating kinase-1 connects reactive oxygen species to p38 MAPK-induced mitochondrial apoptosis in UVB-irradiated human keratinocytes. Free Radical Biology and Medicine, 2006, 41, 1361-1371.	2.9	84
97	Is hydroxychloroquine beneficial for COVID-19 patients?. Cell Death and Disease, 2020, 11, 512.	6.3	82
98	The sunburn cell: Regulation of death and survival of the keratinocyte. International Journal of Biochemistry and Cell Biology, 2005, 37, 1547-1553.	2.8	81
99	Type I interferons and dendritic cells in cancer immunotherapy. International Review of Cell and Molecular Biology, 2019, 348, 217-262.	3.2	81
100	Resistance to anticancer vaccination effect is controlled by a cancer cell-autonomous phenotype that disrupts immunogenic phagocytic removal. Oncotarget, 2015, 6, 26841-26860.	1.8	79
101	The lysosome as a master regulator of iron metabolism. Trends in Biochemical Sciences, 2021, 46, 960-975.	7.5	79
102	NF-kappaB inhibition improves the sensitivity of human glioblastoma cells to 5-aminolevulinic acid-based photodynamic therapy. Biochemical Pharmacology, 2011, 81, 606-616.	4.4	77
103	Autophagy Inhibitor Chloroquine Enhanced the Cell Death Inducing Effect of the Flavonoid Luteolin in Metastatic Squamous Cell Carcinoma Cells. PLoS ONE, 2012, 7, e48264.	2.5	77
104	Photosensitized inhibition of growth factor-regulated protein kinases by hypericin. Biochemical Pharmacology, 1995, 49, 1615-1622.	4.4	76
105	Blocking tumor cell eicosanoid synthesis by GPx4 impedes tumor growth and malignancy. Free Radical Biology and Medicine, 2006, 40, 285-294.	2.9	76
106	Concomitant inhibition of AKT and autophagy is required for efficient cisplatinâ€induced apoptosis of metastatic skin carcinoma. International Journal of Cancer, 2010, 127, 2790-2803.	5.1	75
107	New Strategies of Photoprotection. Photochemistry and Photobiology, 2006, 82, 1016.	2.5	75
108	Phosphorylation of Yeast Plasma Membrane H+-ATPase by Casein Kinase I. Journal of Biological Chemistry, 1996, 271, 32064-32072.	3.4	74

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109	Mitochondria-Associated Membranes As Networking Platforms and Regulators of Cancer Cell Fate. Frontiers in Oncology, 2017, 7, 174.	2.8	73
110	Casein Kinase-1 Phosphorylates the p75 Tumor Necrosis Factor Receptor and Negatively Regulates Tumor Necrosis Factor Signaling for Apoptosis. Journal of Biological Chemistry, 1995, 270, 23293-23299.	3.4	72
111	The major secreted protein Msp1/p75 is O-glycosylated in Lactobacillus rhamnosus GG. Microbial Cell Factories, 2012, 11, 15.	4.0	72
112	Addicted to secrete â€“ novel concepts and targets in cancer therapy. Trends in Molecular Medicine, 2014, 20, 242-250.	6.7	72
113	Inhibition of epidermal growth factor receptor tyrosine kinase activity by hypericin. Biochemical Pharmacology, 1993, 46, 1929-1936.	4.4	70
114	An autophagy-driven pathway of ATP secretion supports the aggressive phenotype of BRAF^{V600E} inhibitor-resistant metastatic melanoma cells. Autophagy, 2017, 13, 1512-1527.	9.1	70
115	Synthetic peptides as model substrates for the study of the specificity of the polycation-stimulated protein phosphatases. FEBS Journal, 1990, 189, 235-241.	0.2	68
116	5-ALA-PDT induces RIP3-dependent necrosis in glioblastoma. Photochemical and Photobiological Sciences, 2011, 10, 1868-1878.	2.9	65
117	Preclinical efficacy of immune-checkpoint monotherapy does not recapitulate corresponding biomarkers-based clinical predictions in glioblastoma. OncoImmunology, 2017, 6, e1295903.	4.6	64
118	Mitochondria-Associated Membranes and ER Stress. Current Topics in Microbiology and Immunology, 2017, 414, 73-102.	1.1	64
119	PARL deficiency in mouse causes Complex III defects, coenzyme Q depletion, and Leigh-like syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 277-286.	7.1	64
120	Membrane dynamics and organelle biogenesisâ€"lipid pipelines and vesicular carriers. BMC Biology, 2017, 15, 102.	3.8	63
121	Insulin-like Growth Factor-1-mediated AKT Activation Postpones the Onset of Ultraviolet B-induced Apoptosis, Providing More Time for Cyclobutane Thymine Dimer Removal in Primary Human Keratinocytes. Journal of Biological Chemistry, 2002, 277, 32587-32595.	3.4	62
122	Spatiotemporal autophagic degradation of oxidatively damaged organelles after photodynamic stress is amplified by mitochondrial reactive oxygen species. Autophagy, 2012, 8, 1312-1324.	9.1	62
123	DAMPâ€"Induced Allograft and Tumor Rejection: The Circle Is Closing. American Journal of Transplantation, 2016, 16, 3322-3337.	4.7	61
124	Targeting the hallmarks of cancer with therapy-induced endoplasmic reticulum (ER) stress. Molecular and Cellular Oncology, 2015, 2, e975089.	0.7	58
125	ATP13A2-mediated endo-lysosomal polyamine export counters mitochondrial oxidative stress. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31198-31207.	7.1	57
126	Different Pathways Mediate Cytochrome c Release After Photodynamic Therapy with Hypericin. Photochemistry and Photobiology, 2001, 74, 133.	2.5	56

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127	Hypericin as a potential phototherapeutic agent in superficial transitional cell carcinoma of the bladder. Photochemical and Photobiological Sciences, 2004, 3, 772.	2.9	55
128	p38MAPK-regulated induction of p62 and NBR1 after photodynamic therapy promotes autophagic clearance of ubiquitin aggregates and reduces reactive oxygen species levels by supporting Nrf2â€“antioxidant signaling. Free Radical Biology and Medicine, 2014, 67, 292-303.	2.9	55
129	Ultraviolet B radiation-induced apoptosis in human keratinocytes: cytosolic activation of procaspase-8 and the role of Bcl-2. FEBS Letters, 2003, 540, 125-132.	2.8	54
130	Genetic association and functional role of Crohn disease risk alleles involved in microbial sensing, autophagy, and endoplasmic reticulum (ER) stress. Autophagy, 2013, 9, 2046-2055.	9.1	54
131	Calreticulin surface exposure is abrogated in cells lacking, chaperone-mediated autophagy-essential gene, LAMP2A. Cell Death and Disease, 2013, 4, e826-e826.	6.3	52
132	Autophagy: a new target or an old strategy for the treatment of Crohn's disease?. Nature Reviews Gastroenterology and Hepatology, 2013, 10, 395-401.	17.8	51
133	Acute response of human skin to solar radiation: regulation and function of the p53 protein. Journal of Photochemistry and Photobiology B: Biology, 2001, 63, 78-83.	3.8	50
134	Autophagy, a major adaptation pathway shaping cancer cell death and anticancer immunity responses following photodynamic therapy. Photochemical and Photobiological Sciences, 2015, 14, 1410-1424.	2.9	50
135	Apoptotic and anti-apoptotic signaling pathways induced by photodynamic therapy with hypericin. Advances in Enzyme Regulation, 2000, 40, 157-182.	2.6	49
136	Concurrent MEK and autophagy inhibition is required to restore cell death associated danger-signalling in Vemurafenib-resistant melanoma cells. Biochemical Pharmacology, 2015, 93, 290-304.	4.4	49
137	Irradiation of necrotic cancer cells, employed for pulsing dendritic cells (DCs), potentiates DC vaccine-induced antitumor immunity against high-grade glioma. OncoImmunology, 2016, 5, e1083669.	4.6	49
138	Autophagy and mitophagy interplay in melanoma progression. Mitochondrion, 2014, 19, 58-68.	3.4	48
139	The PERKs of damage-associated molecular patterns mediating cancer immunogenicity: From sensor to the plasma membrane and beyond. Seminars in Cancer Biology, 2015, 33, 74-85.	9.6	48
140	ATP13A2/PARK9 regulates endo-/lysosomal cargo sorting and proteostasis through a novel PI(3,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	2.9	48
141	ATP13A3 is a major component of the enigmatic mammalian polyamine transport system. Journal of Biological Chemistry, 2021, 296, 100182.	3.4	48
142	SHIP-1 inhibits CD95/APO-1/Fas-induced apoptosis in primary T lymphocytes and T leukemic cells by promoting CD95 glycosylation independently of its phosphatase activity. Leukemia, 2010, 24, 821-832.	7.2	46
143	A synthetic peptide substrate specific for casein kinase-1. FEBS Letters, 1989, 259, 75-78.	2.8	45
144	A Comparative Analysis of the Photosensitized Inhibition of Growth-Factor Regulated Protein Kinases by Hypericin-Derivatives. Biochemical and Biophysical Research Communications, 1996, 220, 613-617.	2.1	45

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145	The Human Melanoma Side Population Displays Molecular and Functional Characteristics of Enriched Chemoresistance and Tumorigenesis. PLoS ONE, 2013, 8, e76550.	2.5	43
146	Pathways involved in sunburn cell formation: deregulation in skin cancer. Photochemical and Photobiological Sciences, 2006, 5, 199-207.	2.9	42
147	Extracellular ATP and P2X7 receptor exert context-specific immunogenic effects after immunogenic cancer cell death. Cell Death and Disease, 2016, 7, e2097-e2097.	6.3	40
148	Cellular Photodestruction Induced by Hypericin in AY-27 Rat Bladder Carcinoma Cells. Photochemistry and Photobiology, 2001, 74, 126.	2.5	40
149	Elucidation of the tumoritropic principle of hypericin. British Journal of Cancer, 2005, 92, 1406-1413.	6.4	39
150	Starting and propagating apoptotic signals in UVB irradiated keratinocytes. Photochemical and Photobiological Sciences, 2009, 8, 299-308.	2.9	39
151	A p38MAPK/HIF-1 Pathway Initiated by UVB Irradiation Is Required to Induce Noxa and Apoptosis of Human Keratinocytes. Journal of Investigative Dermatology, 2010, 130, 2269-2276.	0.7	39
152	Pro-apoptotic signaling induced by photo-oxidative ER stress is amplified by Noxa, not Bim. Biochemical and Biophysical Research Communications, 2013, 438, 500-506.	2.1	38
153	BNIP3 promotes HIFâ€1Î±â€driven melanoma growth by curbing intracellular iron homeostasis. EMBO Journal, 2021, 40, e106214.	7.8	38
154	Distinct transduction mechanisms of cyclooxygenase 2 gene activation in tumour cells after photodynamic therapy. Oncogene, 2005, 24, 2981-2991.	5.9	35
155	Epithelialâ€mesenchymal transition during invasion of cutaneous squamous cell carcinoma is paralleled by <scp>AKT</scp> activation. British Journal of Dermatology, 2014, 171, 1014-1021.	1.5	34
156	The Flavonoid Luteolin Increases the Resistance of Normal, but Not Malignant Keratinocytes, Against UVB-Induced Apoptosis. Journal of Investigative Dermatology, 2010, 130, 2277-2285.	0.7	33
157	Autophagy-dependent suppression of cancer immunogenicity and effector mechanisms of innate and adaptive immunity. OncoImmunology, 2013, 2, e26260.	4.6	33
158	The Aryl Hydrocarbon Receptor: An Illuminating Effector of the UVB Response. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, pe49.	3.9	32
159	Sequence Specificity of C-Terminal Src Kinase (Csk). A Comparison with Src-Related Kinases C-Fgr and Lyn. FEBS Journal, 1997, 246, 433-439.	0.2	30
160	Targeted inhibition of p38Î± MAPK suppresses tumor-associated endothelial cell migration in response to hypericin-based photodynamic therapy. Biochemical and Biophysical Research Communications, 2005, 337, 928-935.	2.1	30
161	Caspase-2 and oxidative stress underlie the immunogenic potential of high hydrostatic pressure-induced cancer cell death. OncoImmunology, 2017, 6, e1258505.	4.6	30
162	High content analysis at single cell level identifies different cellular responses dependent on nanomaterial concentrations. Scientific Reports, 2015, 5, 13890.	3.3	27

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163	When under pressure, get closer: PERKing up membrane contact sites during ER stress. Biochemical Society Transactions, 2016, 44, 499-504.	3.4	27
164	Bcl-2 family members: Essential players in skin cancer. Cancer Letters, 2012, 320, 1-13.	7.2	26
165	The ATP,Mg-dependent protein phosphatase: Regulation by casein kinase-1. FEBS Letters, 1987, 224, 385-390.	2.8	25
166	AKT Delays the Early-Activated Apoptotic Pathway in UVB-Irradiated Keratinocytes Via BAD Translocation. Journal of Investigative Dermatology, 2007, 127, 429-438.	0.7	25
167	Adapt, Recycle, and Move on: Proteostasis and Trafficking Mechanisms in Melanoma. Frontiers in Oncology, 2016, 6, 240.	2.8	25
168	Phosphorylation of the phosphatase modulator subunit (inhibitor-2) by casein kinase-1 Identification of the phosphorylation sites. FEBS Letters, 1992, 305, 121-124.	2.8	24
169	Peripherally-driven myeloid NFkB and IFN/ISG responses predict malignancy risk, survival, and immunotherapy regime in ovarian cancer. , 2021, 9, e003609.		24
170	Immunogenic cell death and its therapeutic or prognostic potential in high-grade glioma. Genes and Immunity, 2022, 23, 1-11.	4.1	24
171	Vesicular trafficking mechanisms in endothelial cells as modulators of the tumor vasculature and targets of antiangiogenic therapies. FEBS Journal, 2016, 283, 25-38.	4.7	22
172	Casein kinases and their protein substrates in rat liver cytosol: Evidence for their participation in multimolecular systems. Biochimica Et Biophysica Acta - Molecular Cell Research, 1985, 846, 248-256.	4.1	21
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