Patrizia M Agostinis

List of Publications by Citations

225 papers	33,776 citations	80 h-index	183 g-index
249 ext. papers	40,141 ext. citations	8.2 avg, IF	6.98 L-index

#	Paper	IF	Citations
225	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
224	Photodynamic therapy of cancer: an update. *Ca-A Cancer Journal for Clinicians*, **2011**, 61, 250-81	220.7	3005
223	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
222	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. *Cell Death and Differentiation*, **2018**, 25, 486-541	12.7	2160
221	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. *Autophagy*, **2008**, 4, 151-75	10.2	1920
220	Immunogenic cell death and DAMPs in cancer therapy. *Nature Reviews Cancer*, **2012**, 12, 860-75	31.3	1165
219	EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. *Nature Methods*, **2017**, 14, 228-232	21.6	560
218	Consensus guidelines for the detection of immunogenic cell death. *OncoImmunology*, **2014**, 3, e955691	7.2	524
217	A novel pathway combining calreticulin exposure and ATP secretion in immunogenic cancer cell death. *EMBO Journal*, **2012**, 31, 1062-79	13	474
216	PERK is required at the ER-mitochondrial contact sites to convey apoptosis after ROS-based ER stress. *Cell Death and Differentiation*, **2012**, 19, 1880-91	12.7	468
215	Emerging role of damage-associated molecular patterns derived from mitochondria in inflammation. *Trends in Immunology*, **2011**, 32, 157-64	14.4	466
214	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	9.8	464
213	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
212	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, 1946-8	0.9	379
211	Hypericin in cancer treatment: more light on the way. *International Journal of Biochemistry and Cell Biology*, **2002**, 34, 221-41	5.6	348
210	Endoplasmic reticulum stress signalling - from basic mechanisms to clinical applications. *FEBS Journal*, **2019**, 286, 241-278	5.7	309
209	Autophagy: for better or for worse. *Cell Research*, **2012**, 22, 43-61	24.7	304

208	Classification of current anticancer immunotherapies. *Oncotarget*, **2014**, 5, 12472-508	3.3	301
207	Molecular effectors of multiple cell death pathways initiated by photodynamic therapy. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2007**, 1776, 86-107	11.2	297
206	Tumor vessel normalization by chloroquine independent of autophagy. *Cancer Cell*, **2014**, 26, 190-206	24.3	284
205	ER stress-induced inflammation: does it aid or impede disease progression?. *Trends in Molecular Medicine*, **2012**, 18, 589-98	11.5	277
204	Targeting ER stress induced apoptosis and inflammation in cancer. *Cancer Letters*, **2013**, 332, 249-64	9.9	263
203	New functions of mitochondria associated membranes in cellular signaling. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2014**, 1843, 2253-62	4.9	245
202	Linking ER Stress to Autophagy: Potential Implications for Cancer Therapy. *International Journal of Cell Biology*, **2010**, 2010, 930509	2.6	245
201	Defining the role of the tumor vasculature in antitumor immunity and immunotherapy. *Cell Death and Disease*, **2018**, 9, 115	9.8	241
200	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. *Frontiers in Immunology*, **2015**, 6, 588	8.4	239
199	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death **2020**, 8,		233
198	Immunogenic cell death, DAMPs and anticancer therapeutics: an emerging amalgamation. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2010**, 1805, 53-71	11.2	227
197	ROS-mediated mechanisms of autophagy stimulation and their relevance in cancer therapy. *Autophagy*, **2010**, 6, 838-54	10.2	219
196	Immature, Semi-Mature, and Fully Mature Dendritic Cells: Toward a DC-Cancer Cells Interface That Augments Anticancer Immunity. *Frontiers in Immunology*, **2013**, 4, 438	8.4	209
195	Photodynamic therapy: illuminating the road from cell death towards anti-tumour immunity. *Apoptosis: an International Journal on Programmed Cell Death*, **2010**, 15, 1050-71	5.4	209
194	Vaccination with Necroptotic Cancer Cells Induces Efficient Anti-tumor Immunity. *Cell Reports*, **2016**, 15, 274-87	10.6	204
193	Autophagy: shaping the tumor microenvironment and therapeutic response. *Trends in Molecular Medicine*, **2013**, 19, 428-46	11.5	200
192	Role of endoplasmic reticulum depletion and multidomain proapoptotic BAX and BAK proteins in shaping cell death after hypericin-mediated photodynamic therapy. *FASEB Journal*, **2006**, 20, 756-8	0.9	195
191	Hypericin-based photodynamic therapy induces surface exposure of damage-associated molecular patterns like HSP70 and calreticulin. *Cancer Immunology, Immunotherapy*, **2012**, 61, 215-221	7.4	194

190	Integrating Next-Generation Dendritic Cell Vaccines into the Current Cancer Immunotherapy Landscape. *Trends in Immunology*, **2017**, 38, 577-593	14.4	190
189	ROS-induced autophagy in cancer cells assists in evasion from determinants of immunogenic cell death. *Autophagy*, **2013**, 9, 1292-307	10.2	187
188	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, 8788-96	5.4	183
187	Cell death and immunity in cancer: From danger signals to mimicry of pathogen defense responses. *Immunological Reviews*, **2017**, 280, 126-148	11.3	178
186	Assessing autophagy in the context of photodynamic therapy. *Autophagy*, **2010**, 6, 7-18	10.2	174
185	Danger signalling during cancer cell death: origins, plasticity and regulation. *Cell Death and Differentiation*, **2014**, 21, 26-38	12.7	155
184	Inducers of immunogenic cancer cell death. *Cytokine and Growth Factor Reviews*, **2013**, 24, 319-33	17.9	154
183	ORP5/ORP8 localize to endoplasmic reticulum-mitochondria contacts and are involved in mitochondrial function. *EMBO Reports*, **2016**, 17, 800-10	6.5	153
182	ER stress, autophagy and immunogenic cell death in photodynamic therapy-induced anti-cancer immune responses. *Photochemical and Photobiological Sciences*, **2014**, 13, 474-87	4.2	152
181	Dendritic cell vaccines based on immunogenic cell death elicit danger signals and T cell-driven rejection of high-grade glioma. *Science Translational Medicine*, **2016**, 8, 328ra27	17.5	147
180	Trial watch: Immunogenic cell death induction by anticancer chemotherapeutics. *OncoImmunology*, **2017**, 6, e1386829	7.2	143
179	Autophagy in disease: a double-edged sword with therapeutic potential. *Clinical Science*, **2009**, 116, 697-712	6.5	138
178	Repurposing Drugs in Oncology (ReDO)-chloroquine and hydroxychloroquine as anti-cancer agents. *Ecancermedicalscience*, **2017**, 11, 781	2.7	133
177	Newcastle disease virotherapy induces long-term survival and tumor-specific immune memory in orthotopic glioma through the induction of immunogenic cell death. *International Journal of Cancer* , **2015**, 136, E313-25	7.5	130
176	Regulatory pathways in photodynamic therapy induced apoptosis. *Photochemical and Photobiological Sciences*, **2004**, 3, 721-9	4.2	130
175	Ins(1,4,5)P3 receptor-mediated Ca2+ signaling and autophagy induction are interrelated. *Autophagy*, **2011**, 7, 1472-89	10.2	127
174	Differential stimulation of ERK and JNK activities by ultraviolet B irradiation and epidermal growth factor in human keratinocytes. *Journal of Investigative Dermatology*, **1997**, 108, 886-91	4.3	127
173	Immunogenic cell death. *International Journal of Developmental Biology*, **2015**, 59, 131-40	1.9	125

172	p38 mitogen-activated protein kinase regulates a novel, caspase-independent pathway for the mitochondrial cytochrome c release in ultraviolet B radiation-induced apoptosis. *Journal of Biological Chemistry*, **2000**, 275, 21416-21	5.4	121
171	Physical modalities inducing immunogenic tumor cell death for cancer immunotherapy. *OncoImmunology*, **2014**, 3, e968434	7.2	120
170	Hypericin-induced photosensitization of HeLa cells leads to apoptosis or necrosis. Involvement of cytochrome c and procaspase-3 activation in the mechanism of apoptosis. *FEBS Letters*, **1998**, 440, 19-24	3.8	115
169	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	17.6	114
168	Citrullinated glucose-regulated protein 78 is an autoantigen in type 1 diabetes. *Diabetes*, **2015**, 64, 573-86	8.9	111
167	Non-canonical function of IRE1 determines mitochondria-associated endoplasmic reticulum composition to control calcium transfer and bioenergetics. *Nature Cell Biology*, **2019**, 21, 755-767	23.4	110
166	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, 731-41	5.4	106
165	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, 52231-9	5.4	105
164	Cell death in the skin. *Apoptosis: an International Journal on Programmed Cell Death*, **2009**, 14, 549-69	5.4	104
163	DAMPs and PDT-mediated photo-oxidative stress: exploring the unknown. *Photochemical and Photobiological Sciences*, **2011**, 10, 670-80	4.2	98
162	Cell death and growth arrest in response to photodynamic therapy with membrane-bound photosensitizers. *Biochemical Pharmacology*, **2003**, 66, 1651-9	6	98
161	The multifaceted photocytotoxic profile of hypericin. *Molecular Pharmaceutics*, **2009**, 6, 1775-89	5.6	97
160	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, 275-82	7.5	97
159	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, 9150-61	5.4	95
158	Mitochondria are targets for peroxisome-derived oxidative stress in cultured mammalian cells. *Free Radical Biology and Medicine*, **2013**, 65, 882-894	7.8	95
157	Mitophagy in Cancer: A Tale of Adaptation. *Cells*, **2019**, 8,	7.9	94
156	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, 241-8		93
155	BNIP3 supports melanoma cell migration and vasculogenic mimicry by orchestrating the actin cytoskeleton. *Cell Death and Disease*, **2014**, 5, e1127	9.8	92

154	Transplantation and Damage-Associated Molecular Patterns (DAMPs). *American Journal of Transplantation*, **2016**, 16, 3338-3361	8.7	90
153	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, 37718-31	5.4	90
152	Autophagy pathways activated in response to PDT contribute to cell resistance against ROS damage. *Journal of Cellular and Molecular Medicine*, **2011**, 15, 1402-14	5.6	87
151	Proteasome inhibition potentiates antitumor effects of photodynamic therapy in mice through induction of endoplasmic reticulum stress and unfolded protein response. *Cancer Research*, **2009**, 69, 4235-43	10.1	86
150	Autophagy and the Kidney: Implications for Ischemia-Reperfusion Injury and Therapy. *American Journal of Kidney Diseases*, **2015**, 66, 699-709	7.4	85
149	ATP13A2 deficiency disrupts lysosomal polyamine export. *Nature*, **2020**, 578, 419-424	50.4	85
148	Immunogenic versus tolerogenic phagocytosis during anticancer therapy: mechanisms and clinical translation. *Cell Death and Differentiation*, **2016**, 23, 938-51	12.7	84
147	The Unfolded Protein Response in Immunogenic Cell Death and Cancer Immunotherapy. *Trends in Cancer*, **2017**, 3, 643-658	12.5	80
146	Molecular effectors and modulators of hypericin-mediated cell death in bladder cancer cells. *Oncogene*, **2008**, 27, 1916-29	9.2	80
145	The emergence of phox-ER stress induced immunogenic apoptosis. *OncoImmunology*, **2012**, 1, 786-788	7.2	77
144	Perk-dependent repression of miR-106b-25 cluster is required for ER stress-induced apoptosis. *Cell Death and Disease*, **2012**, 3, e333	9.8	77
143	Photodynamic therapy with hypericin induces vascular damage and apoptosis in the RIF-1 mouse tumor model. *International Journal of Cancer*, **2002**, 98, 284-90	7.5	77
142	Sensitization of glioblastoma tumor micro-environment to chemo- and immunotherapy by Galectin-1 intranasal knock-down strategy. *Scientific Reports*, **2017**, 7, 1217	4.9	75
141	Antitumor immunity triggered by melphalan is potentiated by melanoma cell surface-associated calreticulin. *Cancer Research*, **2015**, 75, 1603-14	10.1	73
140	Cancer immunogenicity, danger signals, and DAMPs: what, when, and how?. *BioFactors*, **2013**, 39, 355-67	6.1	73
139	Trial watch: dendritic cell vaccination for cancer immunotherapy. *OncoImmunology*, **2019**, 8, e1638212	7.2	71
138	Concomitant inhibition of AKT and autophagy is required for efficient cisplatin-induced apoptosis of metastatic skin carcinoma. *International Journal of Cancer*, **2010**, 127, 2790-803	7.5	71
137	Ultraviolet radiation-induced apoptosis in keratinocytes: on the role of cytosolic factors. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2005**, 1755, 90-106	11.2	71

136	Trial watch: Dendritic cell-based anticancer immunotherapy. *OncoImmunology*, **2017**, 6, e1328341	7.2	70
135	Autophagy in endothelial cells and tumor angiogenesis. *Cell Death and Differentiation*, **2019**, 26, 665-679	12.7	69
134	A lipid switch unlocks Parkinson's disease-associated ATP13A2. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 9040-5	11.5	68
133	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, 1361-71	7.8	68
132	Photosensitized inhibition of growth factor-regulated protein kinases by hypericin. *Biochemical Pharmacology*, **1995**, 49, 1615-22	6	68
131	Autophagy inhibitor chloroquine enhanced the cell death inducing effect of the flavonoid luteolin in metastatic squamous cell carcinoma cells. *PLoS ONE*, **2012**, 7, e48264	3.7	67
130	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, 23293-9	5.4	66
129	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	12.7	65
128	Phosphorylation of yeast plasma membrane H+-ATPase by casein kinase I. *Journal of Biological Chemistry*, **1996**, 271, 32064-72	5.4	65
127	Inhibition of epidermal growth factor receptor tyrosine kinase activity by hypericin. *Biochemical Pharmacology*, **1993**, 46, 1929-36	6	65
126	Resistance to anticancer vaccination effect is controlled by a cancer cell-autonomous phenotype that disrupts immunogenic phagocytic removal. *Oncotarget*, **2015**, 6, 26841-60	3.3	64
125	Blocking tumor cell eicosanoid synthesis by GP x 4 impedes tumor growth and malignancy. *Free Radical Biology and Medicine*, **2006**, 40, 285-94	7.8	64
124	NF-kappaB inhibition improves the sensitivity of human glioblastoma cells to 5-aminolevulinic acid-based photodynamic therapy. *Biochemical Pharmacology*, **2011**, 81, 606-16	6	63
123	The sunburn cell: regulation of death and survival of the keratinocyte. *International Journal of Biochemistry and Cell Biology*, **2005**, 37, 1547-53	5.6	63
122	New strategies of photoprotection. *Photochemistry and Photobiology*, **2006**, 82, 1016-23	3.6	61
121	Addicted to secrete - novel concepts and targets in cancer therapy. *Trends in Molecular Medicine*, **2014**, 20, 242-50	11.5	58
120	Synthetic peptides as model substrates for the study of the specificity of the polycation-stimulated protein phosphatases. *FEBS Journal*, **1990**, 189, 235-41		58
119	Is hydroxychloroquine beneficial for COVID-19 patients?. *Cell Death and Disease*, **2020**, 11, 512	9.8	57

118	Mitochondria-Associated Membranes As Networking Platforms and Regulators of Cancer Cell Fate. *Frontiers in Oncology*, **2017**, 7, 174	5.3	57
117	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, 32587-95	5.4	54
116	Lipid availability determines fate of skeletal progenitor cells via SOX9. *Nature*, **2020**, 579, 111-117	50.4	53
115	The major secreted protein Msp1/p75 is O-glycosylated in Lactobacillus rhamnosus GG. *Microbial Cell Factories*, **2012**, 11, 15	6.4	53
114	Sustained SREBP-1-dependent lipogenesis as a key mediator of resistance to BRAF-targeted therapy. *Nature Communications*, **2018**, 9, 2500	17.4	52
113	DAMP-Induced Allograft and Tumor Rejection: The Circle Is Closing. *American Journal of Transplantation*, **2016**, 16, 3322-3337	8.7	51
112	Spatiotemporal autophagic degradation of oxidatively damaged organelles after photodynamic stress is amplified by mitochondrial reactive oxygen species. *Autophagy*, **2012**, 8, 1312-24	10.2	51
111	5-ALA-PDT induces RIP3-dependent necrosis in glioblastoma. *Photochemical and Photobiological Sciences*, **2011**, 10, 1868-78	4.2	48
110	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	6.7	48
109	Different pathways mediate cytochrome c release after photodynamic therapy with hypericin. *Photochemistry and Photobiology*, **2001**, 74, 133-42	3.6	48
108	Mitochondria-Associated Membranes and ER Stress. *Current Topics in Microbiology and Immunology*, **2018**, 414, 73-102	3.3	47
107	Targeting the hallmarks of cancer with therapy-induced endoplasmic reticulum (ER) stress. *Molecular and Cellular Oncology*, **2015**, 2, e975089	1.2	47
106	Ultraviolet B radiation-induced apoptosis in human keratinocytes: cytosolic activation of procaspase-8 and the role of Bcl-2. *FEBS Letters*, **2003**, 540, 125-32	3.8	47
105	Genetic association and functional role of Crohn disease risk alleles involved in microbial sensing, autophagy, and endoplasmic reticulum (ER) stress. *Autophagy*, **2013**, 9, 2046-55	10.2	46
104	Calreticulin surface exposure is abrogated in cells lacking, chaperone-mediated autophagy-essential gene, LAMP2A. *Cell Death and Disease*, **2013**, 4, e826	9.8	46
103	Hypericin as a potential phototherapeutic agent in superficial transitional cell carcinoma of the bladder. *Photochemical and Photobiological Sciences*, **2004**, 3, 772-80	4.2	46
102	p38(MAPK)-regulated induction of p62 and NBR1 after photodynamic therapy promotes autophagic clearance of ubiquitin aggregates and reduces reactive oxygen species levels by supporting Nrf2-antioxidant signaling. *Free Radical Biology and Medicine*, **2014**, 67, 292-303	7.8	45
101	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	6	45

100	An autophagy-driven pathway of ATP secretion supports the aggressive phenotype of BRAF inhibitor-resistant metastatic melanoma cells. *Autophagy*, **2017**, 13, 1512-1527	10.2	44
99	Autophagy, a major adaptation pathway shaping cancer cell death and anticancer immunity responses following photodynamic therapy. *Photochemical and Photobiological Sciences*, **2015**, 14, 1410-24	4.2	44
98	Apoptotic and anti-apoptotic signaling pathways induced by photodynamic therapy with hypericin. *Advances in Enzyme Regulation*, **2000**, 40, 157-82		44
97	A synthetic peptide substrate specific for casein kinase I. *FEBS Letters*, **1989**, 259, 75-8	3.8	43
96	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	7.2	42
95	Preclinical efficacy of immune-checkpoint monotherapy does not recapitulate corresponding biomarkers-based clinical predictions in glioblastoma. *OncoImmunology*, **2017**, 6, e1295903	7.2	42
94	Type I interferons and dendritic cells in cancer immunotherapy. *International Review of Cell and Molecular Biology*, **2019**, 348, 217-262	6	42
93	A comparative analysis of the photosensitized inhibition of growth-factor regulated protein kinases by hypericin-derivatives. *Biochemical and Biophysical Research Communications*, **1996**, 220, 613-7	3.4	42
92	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	11.5	42
91	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	7.2	41
90	Autophagy: a new target or an old strategy for the treatment of Crohn's disease?. *Nature Reviews Gastroenterology and Hepatology*, **2013**, 10, 395-401	24.2	41
89	Membrane dynamics and organelle biogenesis-lipid pipelines and vesicular carriers. *BMC Biology*, **2017**, 15, 102	7.3	40
88	The human melanoma side population displays molecular and functional characteristics of enriched chemoresistance and tumorigenesis. *PLoS ONE*, **2013**, 8, e76550	3.7	40
87	Autophagy and mitophagy interplay in melanoma progression. *Mitochondrion*, **2014**, 19 Pt A, 58-68	4.9	38
86	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, 821-32	10.7	37
85	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	12.7	35
84	Pathways involved in sunburn cell formation: deregulation in skin cancer. *Photochemical and Photobiological Sciences*, **2006**, 5, 199-207	4.2	35
83	Elucidation of the tumoritropic principle of hypericin. *British Journal of Cancer*, **2005**, 92, 1406-13	8.7	35

82	Starting and propagating apoptotic signals in UVB irradiated keratinocytes. *Photochemical and Photobiological Sciences*, **2009**, 8, 299-308	4.2	33
81	ATP13A2/PARK9 regulates endo-/lysosomal cargo sorting and proteostasis through a novel PI(3, 5)P2-mediated scaffolding function. *Human Molecular Genetics*, **2017**, 26, 1656-1669	5.6	32
80	Distinct transduction mechanisms of cyclooxygenase 2 gene activation in tumour cells after photodynamic therapy. *Oncogene*, **2005**, 24, 2981-91	9.2	32
79	Cellular photodestruction induced by hypericin in AY-27 rat bladder carcinoma cells. *Photochemistry and Photobiology*, **2001**, 74, 126-32	3.6	32
78	Autophagy-dependent suppression of cancer immunogenicity and effector mechanisms of innate and adaptive immunity. *OncoImmunology*, **2013**, 2, e26260	7.2	30
77	A p38(MAPK)/HIF-1 pathway initiated by UVB irradiation is required to induce Noxa and apoptosis of human keratinocytes. *Journal of Investigative Dermatology*, **2010**, 130, 2269-76	4.3	30
76	Extracellular ATP and P2X7 receptor exert context-specific immunogenic effects after immunogenic cancer cell death. *Cell Death and Disease*, **2016**, 7, e2097	9.8	29
75	Pro-apoptotic signaling induced by photo-oxidative ER stress is amplified by Noxa, not Bim. *Biochemical and Biophysical Research Communications*, **2013**, 438, 500-6	3.4	29
74	Epithelial-mesenchymal transition during invasion of cutaneous squamous cell carcinoma is paralleled by AKT activation. *British Journal of Dermatology*, **2014**, 171, 1014-21	4	28
73	The flavonoid luteolin increases the resistance of normal, but not malignant keratinocytes, against UVB-induced apoptosis. *Journal of Investigative Dermatology*, **2010**, 130, 2277-85	4.3	28
72	Sequence specificity of C-terminal Src kinase (CSK)--a comparison with Src-related kinases c-Fgr and Lyn. *FEBS Journal*, **1997**, 246, 433-9		28
71	The Aryl hydrocarbon receptor: an illuminating effector of the UVB response. *Science's STKE: Signal Transduction Knowledge Environment*, **2007**, 2007, pe49		27
70	Targeted inhibition of p38alpha MAPK suppresses tumor-associated endothelial cell migration in response to hypericin-based photodynamic therapy. *Biochemical and Biophysical Research Communications*, **2005**, 337, 928-35	3.4	26
69	High content analysis at single cell level identifies different cellular responses dependent on nanomaterial concentrations. *Scientific Reports*, **2015**, 5, 13890	4.9	23
68	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	11.5	23
67	Bcl-2 family members: essential players in skin cancer. *Cancer Letters*, **2012**, 320, 1-13	9.9	22
66	AKT delays the early-activated apoptotic pathway in UVB-irradiated keratinocytes via BAD translocation. *Journal of Investigative Dermatology*, **2007**, 127, 429-38	4.3	22
65	The ATP,Mg-dependent protein phosphatase: regulation by casein kinase-1. *FEBS Letters*, **1987**, 224, 385-90	3.8	22

64	When under pressure, get closer: PERKing up membrane contact sites during ER stress. *Biochemical Society Transactions*, **2016**, 44, 499-504	5.1	21
63	Caspase-2 and oxidative stress underlie the immunogenic potential of high hydrostatic pressure-induced cancer cell death. *OncoImmunology*, **2017**, 6, e1258505	7.2	21
62	Phosphorylation of the phosphatase modulator subunit (inhibitor-2) by casein kinase-1. Identification of the phosphorylation sites. *FEBS Letters*, **1992**, 305, 121-4	3.8	20
61	AKT status controls susceptibility of malignant keratinocytes to the early-activated and UVB-induced apoptotic pathway. *Journal of Investigative Dermatology*, **2004**, 123, 207-12	4.3	19
60	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, 248-56	4.9	19
59	Vesicular trafficking mechanisms in endothelial cells as modulators of the tumor vasculature and targets of antiangiogenic therapies. *FEBS Journal*, **2016**, 283, 25-38	5.7	19
58	JNK/SAPK activation by platelet-derived growth factor in A431 cells requires both the phospholipase C-gamma and the phosphatidylinositol 3-kinase signaling pathways of the receptor. *Biochemical and Biophysical Research Communications*, **1999**, 261, 641-5	3.4	18
57	Adapt, Recycle, and Move on: Proteostasis and Trafficking Mechanisms in Melanoma. *Frontiers in Oncology*, **2016**, 6, 240	5.3	18
56	Chloroquine anticancer activity is mediated by autophagy-independent effects on the tumor vasculature. *Molecular and Cellular Oncology*, **2016**, 3, e970097	1.2	17
55	Dynamic interplay between autophagic flux and Akt during melanoma progression in vitro. *Experimental Dermatology*, **2014**, 23, 101-6	4	17
54	Death and survival signals in photodynamic therapy. *Methods in Molecular Biology*, **2010**, 635, 7-33	1.4	17
53	The polycation-stimulated protein phosphatases: regulation and specificity. *Advances in Enzyme Regulation*, **1987**, 26, 241-70		17
52	ATP13A3 is a major component of the enigmatic mammalian polyamine transport system. *Journal of Biological Chemistry*, **2021**, 296, 100182	5.4	17
51	Uncovering the role of hypoxia inducible factor-1 in skin carcinogenesis. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2011**, 1816, 1-12	11.2	15
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