Penny E Lovat

List of Publications by Year
in descending order

66 papers	7,172 citations	136950 32 h-index	106344 65 g-index
66 all docs	66 docs citations	66 times ranked	16611 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	Increasing Melanoma Cell Death Using Inhibitors of Protein Disulfide Isomerases to Abrogate Survival Responses to Endoplasmic Reticulum Stress. Cancer Research, 2008, 68, 5363-5369.	0.9	165
3	Regulation of Endoplasmic Reticulum Stress-induced Cell Death by ATF4 in Neuroectodermal Tumor Cells. Journal of Biological Chemistry, 2010, 285, 6091-6100.	3.4	137
4	Exploiting Cannabinoid-Induced Cytotoxic Autophagy to Drive Melanoma Cell Death. Journal of Investigative Dermatology, 2015, 135, 1629-1637.	0.7	126
5	Dihydroceramide accumulation mediates cytotoxic autophagy of cancer cells via autolysosome destabilization. Autophagy, 2016, 12, 2213-2229.	9.1	118
6	Persistent mTORC1 signaling in cell senescence results from defects in amino acid and growth factor sensing. Journal of Cell Biology, 2017, 216, 1949-1957.	5.2	106
7	Glucagon-Like Peptide 1 Protects Pancreatic Î²-Cells From Death by Increasing Autophagic Flux and Restoring Lysosomal Function. Diabetes, 2017, 66, 1272-1285.	0.6	102
8	Effector Mechanisms of Fenretinide-Induced Apoptosis in Neuroblastoma. Experimental Cell Research, 2000, 260, 50-60.	2.6	87
9	Gangliosides Link the Acidic Sphingomyelinase-Mediated Induction of Ceramide to 12-Lipoxygenase-Dependent Apoptosis of Neuroblastoma in Response to Fenretinide. Journal of the National Cancer Institute, 2004, 96, 1288-1299.	6.3	84
10	A Novel Fully Humanized 3D Skin Equivalent to Model Early Melanoma Invasion. Molecular Cancer Therapeutics, 2015, 14, 2665-2673.	4.1	72
11	GADD153 and 12-lipoxygenase mediate fenretinide-induced apoptosis of neuroblastoma. Cancer Research, 2002, 62, 5158-67.	0.9	68
12	Oncogenic B-RAF Signaling in Melanoma Impairs the Therapeutic Advantage of Autophagy Inhibition. Clinical Cancer Research, 2011, 17, 2216-2226.	7.0	61
13	Combining the Endoplasmic Reticulum Stressâ€“Inducing Agents Bortezomib and Fenretinide as a Novel Therapeutic Strategy for Metastatic Melanoma. Clinical Cancer Research, 2009, 15, 1192-1198.	7.0	59
14	Synergistic induction of apoptosis of neuroblastoma by fenretinide or CD437 in combination with chemotherapeutic drugs. International Journal of Cancer, 2000, 88, 977-985.	5.1	55
15	Prognostic Impact of Autophagy Biomarkers for Cutaneous Melanoma. Frontiers in Oncology, 2016, 6, 236.	2.8	55
16	Role of Noxa in p53-independent fenretinide-induced apoptosis of neuroectodermal tumours. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 613-622.	4.9	48
17	Targeting negative regulation of p53 by MDM2 and WIP1 as a therapeutic strategy in cutaneous melanoma. British Journal of Cancer, 2018, 118, 495-508.	6.4	47
18	Why is autophagy important for melanoma? Molecular mechanisms and therapeutic implications. Seminars in Cancer Biology, 2013, 23, 337-343.	9.6	46

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19	Exposure of Monocytic Cells to Lipopolysaccharide Induces Coordinated Endotoxin Tolerance, Mitochondrial Biogenesis, Mitophagy, and Antioxidant Defenses. Frontiers in Immunology, 2018, 9, 2217.	4.8	45
20	Gene expression and neuroblastoma cell Differentiation in response to retinoic acid: Differential effects of 9-cis and all-trans retinoic acid. European Journal of Cancer, 1995, 31, 486-494.	2.8	44
21	The Role of MYCN in the Failure of MYCN Amplified Neuroblastoma Cell Lines to G1 Arrest After DNA Damage. Cell Cycle, 2006, 5, 2639-2647.	2.6	44
22	Targeting GRP78 to enhance melanoma cell death. Pigment Cell and Melanoma Research, 2010, 23, 675-682.	3.3	44
23	Fenretinide: A p53-independent way to kill cancer cells. Biochemical and Biophysical Research Communications, 2005, 331, 810-815.	2.1	42
24	Glucosylceramide synthase and its functional interaction with RTN-1C regulate chemotherapeutic-induced apoptosis in neuroepithelioma cells. Cancer Research, 2003, 63, 3860-5.	0.9	42
25	Molecular Mechanisms of Fenretinide-Induced Apoptosis of Neuroblastoma Cells. Annals of the New York Academy of Sciences, 2004, 1028, 81-89.	3.8	40
26	Prognostic Impact of p62 Expression in Cutaneous Malignant Melanoma. Journal of Investigative Dermatology, 2014, 134, 1476-1478.	0.7	39
27	Retinoids in neuroblastoma therapy: distinct biological properties of 9-cis- and all-trans-retinoic acid. European Journal of Cancer, 1997, 33, 2075-2080.	2.8	38
28	Oncogenic <scp>BRAF</scp> signalling increases <scp>M</scp>clâ€1 expression in cutaneous metastatic melanoma. Experimental Dermatology, 2013, 22, 767-769.	2.9	35
29	The role of autophagy in squamous cell carcinoma of the head and neck. Oral Oncology, 2016, 54, 1-6.	1.5	34
30	The Kupffer cell in experimental extrahepatic cholestasis in the ratâ€"a light microscopy, immunohistochemical and electron microscopy study. Journal of Pathology, 1986, 150, 187-194.	4.5	33
31	Mechanisms of free-radical induction in relation to fenretinide-induced apoptosis of neuroblastoma. Journal of Cellular Biochemistry, 2003, 89, 698-708.	2.6	33
32	Targeting X-Linked Inhibitor of Apoptosis Protein to Increase the Efficacy of Endoplasmic Reticulum Stress-Induced Apoptosis for Melanoma Therapy. Journal of Investigative Dermatology, 2010, 130, 2250-2258.	0.7	33
33	The prognostic significance and impact of the CXCR4-CXCR7-CXCL12 axis in primary cutaneous melanoma. British Journal of Dermatology, 2016, 175, 1210-1220.	1.5	32
34	Retinoic acid receptor expression during the in vitro differentiation of human neuroblastoma. Neuroscience Letters, 1993, 162, 109-113.	2.1	27
35	Bak: a downstream mediator of fenretinide-induced apoptosis of SH-SY5Y neuroblastoma cells. Cancer Research, 2003, 63, 7310-3.	0.9	27
36	ATM Dependent DUSP6 Modulation of p53 Involved in Synergistic Targeting of MAPK and p53 Pathways with Trametinib and MDM2 Inhibitors in Cutaneous Melanoma. Cancers, 2019, 11, 3.	3.7	26

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37	HPV sensitizes OPSCC cells to cisplatin-induced apoptosis by inhibiting autophagy through E7-mediated degradation of AMBRA1. Autophagy, 2021, 17, 2842-2855.	9.1	25
38	The effects of anesthesia and surgery on lymphocyte populations and function in infants and children. Journal of Pediatric Surgery, 1989, 24, 884-887.	1.6	23
39	The role of gangliosides in fenretinide-induced apoptosis of neuroblastoma. Cancer Letters, 2005, 228, 105-110.	7.2	23
40	Harnessing autophagy to overcome mitogenâ€activated protein kinase kinase inhibitorâ€induced resistance in metastatic melanoma. British Journal of Dermatology, 2019, 180, 346-356.	1.5	23
41	Concentration-dependent effects of 9-cis retinoic acid on neuroblastoma differentiation and proliferation in vitro. Neuroscience Letters, 1994, 182, 29-32.	2.1	22
42	9-cis retinoic acid--a better retinoid for the modulation of differentiation, proliferation and gene expression in human neuroblastoma. Journal of Neuro-Oncology, 1997, 31, 85-91.	2.9	21
43	Retinoid-induced differentiation of neuroblastoma: Comparison between LG69, an RXR-selective analogue and 9-cis retinoic acid. European Journal of Cancer, 1998, 34, 111-117.	2.8	20
44	Exendin-4 stimulates autophagy in pancreatic Î²-cells via the RAPGEF/EPAC-Ca²⁺-PPP3/calcineurin-TFEB axis. Autophagy, 2022, 18, 799-815.	9.1	20
45	Induction of GADD153 and Bak: novel molecular targets of fenretinide-induced apoptosis of neuroblastoma. Cancer Letters, 2003, 197, 157-163.	7.2	19
46	Growth and DNA Damage-Inducible Transcription Factor 153 Mediates Apoptosis in Response to Fenretinide but Not Synergy between Fenretinide and Chemotherapeutic Drugs in Neuroblastoma. Molecular Pharmacology, 2003, 64, 1370-1378.	2.3	19
47	Distinct properties of fenretinide and CD437 lead to synergistic responses with chemotherapeutic reagents. Medical and Pediatric Oncology, 2000, 35, 663-668.	1.0	18
48	Epidermal autophagy and beclin 1 regulator 1 and loricrin: a paradigm shift in the prognostication and stratification of the American Joint Committee on Cancer stage I melanomas. British Journal of Dermatology, 2020, 182, 156-165.	1.5	16
49	Serial Study of T Lymphocytes in Childhood Leukemia During Remission. Pediatric Hematology and Oncology, 1993, 10, 129-139.	0.8	13
50	Induction of endoplasmic reticulum stress as a strategy for melanoma therapy: is there a future?. Melanoma Management, 2014, 1, 127-137.	0.5	13
51	Fateful music from a talented orchestra with a wicked conductor: Connection between oncogenic BRAF, ER stress, and autophagy in human melanoma. Molecular and Cellular Oncology, 2015, 2, e995016.	0.7	13
52	Differential effects of retinoic acid isomers on the expression of nuclear receptor co-regulators in neuroblastoma. FEBS Letters, 1999, 445, 415-419.	2.8	12
53	TP53 mutant cell lines selected for resistance to MDM2 inhibitors retain growth inhibition by MAPK pathway inhibitors but a reduced apoptotic response. Cancer Cell International, 2019, 19, 53.	4.1	9
54	Receptor mechanisms mediating differentiation and proliferation effects of retinoids on neuroblastoma cells. Neuroscience Letters, 2000, 279, 113-116.	2.1	8

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55	Melanoma secretion of transforming growth factorâ€Î²2 leads to loss of epidermal AMBRA1 threatening epidermal integrity and facilitating tumour ulceration*. British Journal of Dermatology, 2022, 186, 694-704.	1.5	8
56	Retinoid signalling and gene expression in neuroblastoma cells: RXR agonist and antagonist effects on CRABP-II and RAR? expression. Journal of Cellular Biochemistry, 2002, 87, 284-291.	2.6	7
57	Established and Emerging Biomarkers in Cutaneous Malignant Melanoma. Healthcare (Switzerland), 2014, 2, 60-73.	2.0	7
58	Cellâ€Type Variation in Stress Responses as a Consequence of Manipulating GRP78 Expression in Neuroectodermal Cells. Journal of Cellular Biochemistry, 2015, 116, 438-449.	2.6	7
59	Research Techniques Made Simple: Analysis of Autophagy in the Skin. Journal of Investigative Dermatology, 2021, 141, 5-9.e1.	0.7	7
60	Enumeration of lymphocyte subpopulations by immunofluorescent staining of whole blood smears. Journal of Immunological Methods, 1987, 97, 37-40.	1.4	6
61	Apoptosis in neuroblastomas induced by interferon-? involves the CD95/CD95L pathway. Medical and Pediatric Oncology, 2001, 36, 115-117.	1.0	5
62	The impact of retinoic acid treatment on the sensitivity of neuroblastoma cells to fenretinide. Oncology Reports, 2011, 27, 293-8.	2.6	5
63	Optimal surveillance strategies for patients with stage 1 cutaneous melanoma post primary tumour excision: three systematic reviews and an economic model. Health Technology Assessment, 2021, 25, 1-178.	2.8	4
64	Differential gene regulation by 9-cis and all-trans retinoic acid in neuroblastoma cells. Medical and Pediatric Oncology, 2001, 36, 135-138.	1.0	2
65	Health professional and patient views of a novel prognostic test for melanoma: A theoretically informed qualitative study. PLoS ONE, 2022, 17, e0265048.	2.5	2
66	FC2 Oncogenic B-RAF signalling confers the resistance of metastatic melanoma to autophagy. Melanoma Research, 2010, 20, e29.	1.2	0