

Lisa J Oliver

List of Publications by Year in descending order

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94
papers

4,103
citations

87723

38
h-index

133063

59
g-index

96
all docs

96
docs citations

96
times ranked

5793
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria as the target of the pro-apoptotic protein Bax. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1301-1311.	0.5	210
2	Influence of oxygen tension on CD133 phenotype in human glioma cell cultures. <i>Cancer Letters</i> , 2007, 258, 286-290.	3.2	164
3	Dormant, quiescent, tolerant and persister cells: Four synonyms for the same target in cancer. <i>Biochemical Pharmacology</i> , 2019, 162, 169-176.	2.0	147
4	TOM22, a core component of the mitochondria outer membrane protein translocation pore, is a mitochondrial receptor for the proapoptotic protein Bax. <i>Cell Death and Differentiation</i> , 2007, 14, 785-794.	5.0	142
5	Bax activation by the BH3-only protein Puma promotes cell dependence on antiapoptotic Bcl-2 family members. <i>Journal of Cell Biology</i> , 2009, 185, 279-290.	2.3	132
6	Basal Autophagy Decreased During the Differentiation of Human Adult Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 2779-2788.	1.1	112
7	Induction of a Caspase-3-like Activity by Calcium in Normal Cytosolic Extracts Triggers Nuclear Apoptosis in a Cell-free System. <i>Journal of Biological Chemistry</i> , 1998, 273, 17559-17564.	1.6	106
8	The N-terminal End of Bax Contains a Mitochondrial-targeting Signal. <i>Journal of Biological Chemistry</i> , 2003, 278, 11633-11641.	1.6	105
9	Nonredundant Role of Bax and Bak in Bid-Mediated Apoptosis. <i>Molecular and Cellular Biology</i> , 2003, 23, 4701-4712.	1.1	102
10	Infrared Radiation Affects the Mitochondrial Pathway of Apoptosis in Human Fibroblasts. <i>Journal of Investigative Dermatology</i> , 2004, 123, 823-831.	0.3	94
11	Distinct Domains Control the Addressing and the Insertion of Bax into Mitochondria. <i>Journal of Biological Chemistry</i> , 2005, 280, 10587-10598.	1.6	85
12	Long-Term Culture of Human Bone Marrow Stromal Cells in the Presence of Basic Fibroblast Growth Factor. <i>Growth Factors</i> , 1990, 3, 231-236.	0.5	80
13	The expression of a new variant of the pro-apoptotic molecule Bax, Baxpsi, is correlated with an increased survival of glioblastoma multiforme patients. <i>Human Molecular Genetics</i> , 2002, 11, 675-687.	1.4	80
14	Drug Resistance in Glioblastoma: The Two Faces of Oxidative Stress. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 620677.	1.6	80
15	Analysis of nuclear degradation during lens cell differentiation. <i>Cell Death and Differentiation</i> , 1998, 5, 251-261.	5.0	73
16	Control of glioma cell death and differentiation by PKM2â€œOct4 interaction. <i>Cell Death and Disease</i> , 2014, 5, e1036-e1036.	2.7	71
17	Pharmacological targeting of apelin impairs glioblastoma growth. <i>Brain</i> , 2017, 140, 2939-2954.	3.7	70
18	Efficient Mitochondrial Glutamine Targeting Prevails Over Glioblastoma Metabolic Plasticity. <i>Clinical Cancer Research</i> , 2017, 23, 6292-6304.	3.2	69

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19	Involvement of the N-terminus of Bax in its intracellular localization and function. <i>FEBS Letters</i> , 2002, 512, 95-100.	1.3	63
20	The Neurotrophic Activity of Fibroblast Growth Factor 1 (FGF1) Depends on Endogenous FGF1 Expression and Is Independent of the Mitogen-activated Protein Kinase Cascade Pathway. <i>Journal of Biological Chemistry</i> , 1996, 271, 2801-2811.	1.6	62
21	Melphalan-induced apoptosis in multiple myeloma cells is associated with a cleavage of Mcl-1 and Bim and a decrease in the Mcl-1/Bim complex. <i>Oncogene</i> , 2005, 24, 8076-8079.	2.6	62
22	The role of caspases in cell death and differentiation. <i>Drug Resistance Updates</i> , 2005, 8, 163-170.	6.5	61
23	Targeting Metabolism to Induce Cell Death in Cancer Cells and Cancer Stem Cells. <i>International Journal of Cell Biology</i> , 2013, 2013, 1-13.	1.0	57
24	Comparison of Spheroids Formed by Rat Glioma Stem Cells and Neural Stem Cells Reveals Differences in Glucose Metabolism and Promising Therapeutic Applications. <i>Journal of Biological Chemistry</i> , 2012, 287, 33664-33674.	1.6	55
25	Differentiation-Related Response to DNA Breaks in Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2013, 31, 800-807.	1.4	54
26	Up-regulation of aFGF expression in quiescent cells is related to cell survival. <i>Journal of Cellular Physiology</i> , 1994, 158, 435-443.	2.0	53
27	A driver role for GABA metabolism in controlling stem and proliferative cell state through GHB production in glioma. <i>Acta Neuropathologica</i> , 2017, 133, 645-660.	3.9	53
28	Identification of a transient state during the acquisition of temozolomide resistance in glioblastoma. <i>Cell Death and Disease</i> , 2020, 11, 19.	2.7	53
29	Bax inserts into the mitochondrial outer membrane by different mechanisms. <i>FEBS Letters</i> , 2008, 582, 3045-3051.	1.3	49
30	The C-Terminus of bax Is Not a Membrane Addressing/Anchoring Signal. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 582-591.	1.0	48
31	Bak and Mcl-1 are essential for Temozolomide induced cell death in human glioma. <i>Oncotarget</i> , 2014, 5, 2428-2435.	0.8	46
32	Sensitization of osteosarcoma cells to apoptosis by oncostatin M depends on STAT5 and p53. <i>Oncogene</i> , 2007, 26, 6653-6664.	2.6	45
33	Differential Dependence on Beclin 1 for the Regulation of Pro-Survival Autophagy by Bcl-2 and Bcl-xL in HCT116 Colorectal Cancer Cells. <i>PLoS ONE</i> , 2010, 5, e8755.	1.1	45
34	Endogenous aFGF expression and cellular changes after a demyelinating lesion in the spinal cord of adult normal mice: Immunohistochemical study. <i>Journal of Neuroscience Research</i> , 1992, 33, 47-59.	1.3	43
35	Acidic Fibroblast Growth Factor is Expressed Abundantly by Photoreceptors Within the Developing and Mature Rat Retina. <i>European Journal of Neuroscience</i> , 1993, 5, 1586-1595.	1.2	43
36	Impact of pH on Bax $\hat{\pm}$ conformation, oligomerisation and mitochondrial integration. <i>FEBS Letters</i> , 2004, 578, 41-46.	1.3	41

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37	Prostaglandins antagonistically control Bax activation during apoptosis. <i>Cell Death and Differentiation</i> , 2011, 18, 528-537.	5.0	41
38	Mitochondrial localization of the low level p53 protein in proliferative cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 772-777.	1.0	40
39	Targeting and killing glioblastoma with monoclonal antibody to <i>O</i> -acetyl GD2 ganglioside. <i>Oncotarget</i> , 0, 7, 41172-41185.	0.8	40
40	The substitution of the C-terminus of bax by that of bcl-xL does not affect its subcellular localization but abrogates its pro-apoptotic properties. <i>FEBS Letters</i> , 2000, 487, 161-165.	1.3	39
41	The Role of Exogenous/Endogenous Basic Fibroblast Growth Factor (FGF2) and Transforming Growth Factor β^2 (TGF β^2 -1) on Human Corneal Endothelial Cells Proliferation in Vitro. <i>Experimental Cell Research</i> , 1995, 220, 36-46.	1.2	38
42	The p18 Truncated Form of Bax Behaves Like a Bcl-2 Homology Domain 3-only Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 11503-11512.	1.6	38
43	Tumor cells hijack enteric glia to activate colon cancer stem cells and stimulate tumorigenesis. <i>EBioMedicine</i> , 2019, 49, 172-188.	2.7	38
44	Radiation-induced PGE ₂ sustains human glioma cell growth and survival through EGF signaling. <i>Oncotarget</i> , 2015, 6, 6840-6849.	0.8	38
45	Effects of Exogenous FGFs on Growth, Differentiation, and Survival of Chick Neural Retina Cells. <i>Experimental Cell Research</i> , 1994, 212, 30-35.	1.2	37
46	Stereotaxic administrations of allogeneic human α 9 α 2 T cells efficiently control the development of human glioblastoma brain tumors. <i>Oncolmmunology</i> , 2016, 5, e1168554.	2.1	36
47	Mitochondria transfer from tumor-activated stromal cells (TASC) to primary Glioblastoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 139-147.	1.0	36
48	Acidic Fibroblast Growth Factor (aFGF) in Developing Normal and Dystrophic (mdx) Mouse Muscles. Distribution in Degenerating and Regenerating mdx Myofibres. <i>Growth Factors</i> , 1992, 7, 97-106.	0.5	34
49	Accumulation of NO synthase (type-I) at the neuromuscular junctions in adult mice. <i>NeuroReport</i> , 1996, 7, 924-926.	0.6	34
50	DNMT3L interacts with transcription factors to target DNMT3L/DNMT3B to specific DNA sequences: Role of the DNMT3L/DNMT3B/p65-NF κ B complex in the (de-)methylation of TRAF1. <i>Biochimie</i> , 2014, 104, 36-49.	1.3	34
51	HA14-1, a small molecule inhibitor of Bcl-2, bypasses chemoresistance in leukaemia cells. <i>Leukemia Research</i> , 2007, 31, 859-863.	0.4	33
52	Distinct Roles of Bcl-2 and Bcl-Xl in the Apoptosis of Human Bone Marrow Mesenchymal Stem Cells during Differentiation. <i>PLoS ONE</i> , 2011, 6, e19820.	1.1	32
53	Expression of bcl-2, bax and bcl-xl in human gliomas: a re-appraisal. <i>Journal of Neuro-Oncology</i> , 2001, 52, 129-139.	1.4	29
54	Induction of chemoresistance in HL-60 cells concomitantly causes a resistance to apoptosis and the synthesis of P-glycoprotein. <i>Leukemia</i> , 2001, 15, 1377-1387.	3.3	28

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55	Impact of proapoptotic proteins Bax and Bak in tumor progression and response to treatment. <i>Expert Review of Anticancer Therapy</i> , 2003, 3, 563-570.	1.1	28
56	NKG2D Controls Natural Reactivity of V α 39V β 2 T Lymphocytes against Mesenchymal Glioblastoma Cells. <i>Clinical Cancer Research</i> , 2019, 25, 7218-7228.	3.2	28
57	Evidence for a mitochondrial localization of the retinoblastoma protein. <i>BMC Cell Biology</i> , 2009, 10, 50.	3.0	27
58	Metaxins 1 and 2, two proteins of the mitochondrial protein sorting and assembly machinery, are essential for Bak activation during TNF alpha triggered apoptosis. <i>Cellular Signalling</i> , 2014, 26, 1928-1934.	1.7	27
59	D-2-Hydroxyglutarate does not mimic all the IDH mutation effects, in particular the reduced etoposide-triggered apoptosis mediated by an alteration in mitochondrial NADH. <i>Cell Death and Disease</i> , 2015, 6, e1704-e1704.	2.7	27
60	Resistance to apoptosis is increased during metastatic dissemination of colon cancer. <i>Clinical and Experimental Metastasis</i> , 2002, 19, 175-180.	1.7	26
61	Update on hypoxia-inducible factors and hydroxylases in oxygen regulatory pathways: from physiology to therapeutics. <i>Hypoxia (Auckland, N Z)</i> , 2017, Volume 5, 11-20.	1.9	26
62	Sphingolipid distribution at mitochondria-associated membranes (MAMs) upon induction of apoptosis. <i>Journal of Lipid Research</i> , 2020, 61, 1025-1037.	2.0	26
63	Impairing temozolomide resistance driven by glioma stem-like cells with adjuvant immunotherapy targeting O α -acetyl GD2 ganglioside. <i>International Journal of Cancer</i> , 2020, 146, 424-438.	2.3	25
64	Acidic fibroblast growth factor (aFGF) is expressed in the neuronal and glial spinal cord cells of adult mice. <i>Journal of Neuroscience Research</i> , 1991, 29, 560-568.	1.3	23
65	Drug resistance in glioblastoma: are persists the key to therapy?. , 2020, 3, 287-301.		23
66	C-terminal Residues Regulate Localization and Function of the Antiapoptotic Protein Bfl-1. <i>Journal of Biological Chemistry</i> , 2009, 284, 30257-30263.	1.6	22
67	Low-Dose Pesticide Mixture Induces Senescence in Normal Mesenchymal Stem Cells (MSC) and Promotes Tumorigenic Phenotype in Premalignant MSC. <i>Stem Cells</i> , 2017, 35, 800-811.	1.4	20
68	Control of Bax Homodimerization by Its Carboxyl Terminus*. <i>Journal of Biological Chemistry</i> , 2007, 282, 24938-24947.	1.6	19
69	Caspase-3 can be pseudo-activated by a Ca ²⁺ -dependent proteolysis at a non-canonical site. <i>FEBS Letters</i> , 2005, 579, 2364-2368.	1.3	18
70	Inorganic phosphate stimulates apoptosis in murine MO6-G3 odontoblast-like cells. <i>Archives of Oral Biology</i> , 2011, 56, 977-983.	0.8	17
71	Specific Inhibition of DNMT3A/ISGF3 β Interaction Increases the Temozolomide Efficiency to Reduce Tumor Growth. <i>Theranostics</i> , 2016, 6, 1988-1999.	4.6	17
72	Low-Dose Pesticide Mixture Induces Accelerated Mesenchymal Stem Cell Aging In Vitro. <i>Stem Cells</i> , 2019, 37, 1083-1094.	1.4	16

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73	Constitutive presence of cytochrome c in the cytosol of a chemoresistant leukemic cell line. Apoptosis: an International Journal on Programmed Cell Death, 2005, 10, 277-287.	2.2	15
74	Endothelial Secreted Factors Suppress Mitogen Deprivation-Induced Autophagy and Apoptosis in Glioblastoma Stem-Like Cells. PLoS ONE, 2014, 9, e93505.	1.1	15
75	Oncogenic but non-essential role of N-myc downstream regulated gene 1 in the progression of esophageal squamous cell carcinoma. Cancer Biology and Therapy, 2013, 14, 164-174.	1.5	14
76	IL-21 Increases the Reactivity of Allogeneic Human CD3 ⁺ T Cells Against Primary Glioblastoma Tumors. Journal of Immunotherapy, 2018, 41, 224-231.	1.2	14
77	Molecular forms of acetylcholinesterase in dystrophic (mdx) mouse tissues. Neuromuscular Disorders, 1992, 2, 87-97.	0.3	13
78	The phosphorylation of Metaxin 1 controls Bak activation during TNF α induced cell death. Cellular Signalling, 2017, 30, 171-178.	1.7	13
79	Influence of bcl-2-Related Proteins on Matrix Metalloproteinase Expression in a Rat Glioma Cell Line. Biochemical and Biophysical Research Communications, 2000, 273, 411-416.	1.0	12
80	Mcl-1 ¹²⁸⁻³⁵⁰ fragment induces apoptosis through direct interaction with Bax. FEBS Letters, 2010, 584, 487-492.	1.3	12
81	The Activation of Mesenchymal Stem Cells by Glioblastoma Microvesicles Alters Their Exosomal Secretion of miR-100-5p, miR-9-5p and let-7d-5p. Biomedicines, 2022, 10, 112.	1.4	12
82	Caspase 3 activation is controlled by a sequence located in the N-terminus of its large subunit. Biochemical and Biophysical Research Communications, 2004, 316, 93-99.	1.0	11
83	The mitochondrial outer membrane protein import machinery: a new player in apoptosis?. Frontiers in Bioscience - Landmark, 2009, Volume, 3563.	3.0	11
84	Assessment of caspase activity as a possible prognostic factor in acute myeloid leukaemia. British Journal of Haematology, 2002, 118, 434-437.	1.2	10
85	Store-Operated Calcium Channels Control Proliferation and Self-Renewal of Cancer Stem Cells from Glioblastoma. Cancers, 2021, 13, 3428.	1.7	9
86	Secretion of plasminogen activators by normal bone marrow cells and leukaemic myeloid cells. Fibrinolysis, 1992, 6, 77-79.	0.5	8
87	The vitamin K-dependent factor, protein S, regulates brain neural stem cell migration and phagocytic activities towards glioma cells. European Journal of Pharmacology, 2019, 855, 30-39.	1.7	6
88	Prostaglandin E2 plays a major role in glioma resistance and progression. Translational Cancer Research, 2016, 5, S1073-S1077.	0.4	5
89	Soluble factors from neuronal cultures induce a specific proliferation and resistance to apoptosis of cognate mouse skeletal muscle precursor cells. Neuroscience Letters, 2006, 407, 20-25.	1.0	4
90	HB-EGF is associated with DNA damage and Mcl-1 turnover in human glioma cell lines treated by Temozolomide. Biochemical and Biophysical Research Communications, 2017, 493, 1377-1383.	1.0	3

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91	The Complex Mcl-1/Bim Regulates the Sensitivity of Human Myeloma Cells to Melphalan.. Blood, 2005, 106, 357-357.	0.6	1
92	Treatment-induced shrinking of tumour aggregates: a nonlinear volume-filling chemotactic approach. Journal of Mathematical Biology, 2021, 83, 29.	0.8	0
93	Bax activation by the BH3-only protein Puma promotes cell dependence on antiapoptotic Bcl-2 family members. Journal of Experimental Medicine, 2009, 206, i8-i8.	4.2	0
94	Cellular Heterogeneity and Cooperativity in Glioma Persister Cells Under Temozolomide Treatment. Frontiers in Cell and Developmental Biology, 2022, 10, .	1.8	0