

Kay F Macleod

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

17,605
citations

159585

30
h-index

265206

42
g-index

43
all docs

43
docs citations

43
times ranked

30651
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Autophagy: cellular and molecular mechanisms. <i>Journal of Pathology</i> , 2010, 221, 3-12.	4.5	2,657
4	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	9.1	2,064
5	Autophagy: assays and artifacts. <i>Journal of Pathology</i> , 2010, 221, 117-124.	4.5	676
6	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	7.8	615
7	Mitochondrial Dysfunction in Cancer. <i>Frontiers in Oncology</i> , 2013, 3, 292.	2.8	382
8	BNIP3 Is an RB/E2F Target Gene Required for Hypoxia-Induced Autophagy. <i>Molecular and Cellular Biology</i> , 2007, 27, 6229-6242.	2.3	340
9	Autophagy, cancer stem cells and drug resistance. <i>Journal of Pathology</i> , 2019, 247, 708-718.	4.5	268
10	Autophagy Promotes Focal Adhesion Disassembly and Cell Motility of Metastatic Tumor Cells through the Direct Interaction of Paxillin with LC3. <i>Cell Reports</i> , 2016, 15, 1660-1672.	6.4	251
11	Mitophagy defects arising from BNip3 loss promote mammary tumor progression to metastasis. <i>EMBO Reports</i> , 2015, 16, 1145-1163.	4.5	232
12	Exploiting Cancer Cell Vulnerabilities to Develop a Combination Therapy for Ras-Driven Tumors. <i>Cancer Cell</i> , 2011, 20, 400-413.	16.8	231
13	Mitophagy and cancer. <i>Cancer & Metabolism</i> , 2015, 3, 4.	5.0	204
14	BNip3 Regulates Mitochondrial Function and Lipid Metabolism in the Liver. <i>Molecular and Cellular Biology</i> , 2012, 32, 2570-2584.	2.3	196
15	Functions of autophagy in the tumor microenvironment and cancer metastasis. <i>FEBS Journal</i> , 2018, 285, 1751-1766.	4.7	163
16	Expanding perspectives on the significance of mitophagy in cancer. <i>Seminars in Cancer Biology</i> , 2017, 47, 110-124.	9.6	131
17	Unrestrained erythroblast development in Nix ^{-/-} mice reveals a mechanism for apoptotic modulation of erythropoiesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6794-6799.	7.1	129
18	In Brief: Mitophagy: mechanisms and role in human disease. <i>Journal of Pathology</i> , 2016, 240, 253-255.	4.5	122

#	ARTICLE	IF	CITATIONS
19	Oncogenic KRAS Induces NIX-Mediated Mitophagy to Promote Pancreatic Cancer. <i>Cancer Discovery</i> , 2019, 9, 1268-1287.	9.4	119
20	Tumor suppressor functions of BNIP3 and mitophagy. <i>Autophagy</i> , 2015, 11, 1937-1938.	9.1	107
21	The Rb tumor suppressor is required for stress erythropoiesis. <i>EMBO Journal</i> , 2004, 23, 4319-4329.	7.8	91
22	Mitophagy in tumorigenesis and metastasis. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3817-3851.	5.4	90
23	mTOR and HDAC Inhibitors Converge on the TXNIP/Thioredoxin Pathway to Cause Catastrophic Oxidative Stress and Regression of RAS-Driven Tumors. <i>Cancer Discovery</i> , 2017, 7, 1450-1463.	9.4	87
24	Autophagy gene <i>ATG7</i> regulates ultraviolet radiation-induced inflammation and skin tumorigenesis. <i>Autophagy</i> , 2017, 13, 2086-2103.	9.1	82
25	Regulation of Mitochondrial Integrity, Autophagy and Cell Survival by BNIP3. <i>Autophagy</i> , 2007, 3, 616-619.	9.1	67
26	The role of the RB tumour suppressor pathway in oxidative stress responses in the haematopoietic system. <i>Nature Reviews Cancer</i> , 2008, 8, 769-781.	28.4	53
27	Deregulated E2f-2 Underlies Cell Cycle and Maturation Defects in Retinoblastoma Null Erythroblasts. <i>Molecular and Cellular Biology</i> , 2007, 27, 8713-8728.	2.3	50
28	ULK1 promotes mitophagy via phosphorylation and stabilization of BNIP3. <i>Scientific Reports</i> , 2021, 11, 20526.	3.3	48
29	Mitophagy and Mitochondrial Dysfunction in Cancer. <i>Annual Review of Cancer Biology</i> , 2020, 4, 41-60.	4.5	45
30	Autophagy and cancer cell metabolism. <i>International Review of Cell and Molecular Biology</i> , 2019, 347, 145-190.	3.2	38
31	Tumour suppressor gene function in carcinoma-associated fibroblasts: from tumour cells via EMT and back again?. <i>Journal of Pathology</i> , 2014, 232, 283-288.	4.5	31
32	The RB tumor suppressor: a gatekeeper to hormone independence in prostate cancer?. <i>Journal of Clinical Investigation</i> , 2010, 120, 4179-4182.	8.2	27
33	p62/SQSTM1 Accumulation in Squamous Cell Carcinoma of Head and Neck Predicts Sensitivity to Phosphatidylinositol 3-Kinase Pathway Inhibitors. <i>PLoS ONE</i> , 2014, 9, e90171.	2.5	26
34	Novel insights into how autophagy regulates tumor cell motility. <i>Autophagy</i> , 2016, 12, 1679-1680.	9.1	26
35	BNIP3-dependent mitophagy promotes cytosolic localization of LC3B and metabolic homeostasis in the liver. <i>Autophagy</i> , 2021, 17, 3530-3546.	9.1	26
36	The Rb Tumor Suppressor in Stress Responses and Hematopoietic Homeostasis. <i>Cell Cycle</i> , 2005, 4, 42-45.	2.6	23

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37	Dia1-dependent adhesions are required by epithelial tissues to initiate invasion. <i>Journal of Cell Biology</i> , 2018, 217, 1485-1502.	5.2	23
38	Hypoxic stress underlies defects in erythroblast islands in the Rb-null mouse. <i>Blood</i> , 2007, 110, 2173-2181.	1.4	22
39	Elevated Poly-(ADP-Ribose)-Polymerase Activity Sensitizes Retinoblastoma-Deficient Cells to DNA Damage-Induced Necrosis. <i>Molecular Cancer Research</i> , 2009, 7, 1099-1109.	3.4	17
40	Mammary cancer initiation and progression studied with magnetic resonance imaging. <i>Breast Cancer Research</i> , 2014, 16, 495.	5.0	9
41	Effects of Hypoxia on Heterotypic Macrophage Interactions. <i>Cell Cycle</i> , 2007, 6, 2620-2624.	2.6	7
42	Autophagic degradation of focal adhesions underlies metastatic cancer dissemination. <i>Molecular and Cellular Oncology</i> , 2017, 4, e1198299.	0.7	6