Kay F Macleod

List of Publications by Year
in descending order

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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	Mitophagy in tumorigenesis and metastasis. Cellular and Molecular Life Sciences, 2021, 78, 3817-3851.	5.4	90
2	BNIP3-dependent mitophagy promotes cytosolic localization of LC3B and metabolic homeostasis in the liver. Autophagy, 2021, 17, 3530-3546.	9.1	26
3	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	7.8	615
4	ULK1 promotes mitophagy via phosphorylation and stabilization of BNIP3. Scientific Reports, 2021, 11, 20526.	3.3	48
5	Mitophagy and Mitochondrial Dysfunction in Cancer. Annual Review of Cancer Biology, 2020, 4, 41-60.	4.5	45
6	Autophagy and cancer cell metabolism. International Review of Cell and Molecular Biology, 2019, 347, 145-190.	3.2	38
7	Oncogenic KRAS Induces NIX-Mediated Mitophagy to Promote Pancreatic Cancer. Cancer Discovery, 2019, 9, 1268-1287.	9.4	119
8	Autophagy, cancer stem cells and drug resistance. Journal of Pathology, 2019, 247, 708-718.	4.5	268
9	Dia1-dependent adhesions are required by epithelial tissues to initiate invasion. Journal of Cell Biology, 2018, 217, 1485-1502.	5.2	23
10	Functions of autophagy in the tumor microenvironment and cancer metastasis. FEBS Journal, 2018, 285, 1751-1766.	4.7	163
11	Autophagic degradation of focal adhesions underlies metastatic cancer dissemination. Molecular and Cellular Oncology, 2017, 4, e1198299.	0.7	6
12	Expanding perspectives on the significance of mitophagy in cancer. Seminars in Cancer Biology, 2017, 47, 110-124.	9.6	131
13	mTOR and HDAC Inhibitors Converge on the TXNIP/Thioredoxin Pathway to Cause Catastrophic Oxidative Stress and Regression of RAS-Driven Tumors. Cancer Discovery, 2017, 7, 1450-1463.	9.4	87
14	Autophagy gene ATG7 regulates ultraviolet radiation-induced inflammation and skin tumorigenesis. Autophagy, 2017, 13, 2086-2103.	9.1	82
15	Autophagy Promotes Focal Adhesion Disassembly and Cell Motility of Metastatic Tumor Cells through the Direct Interaction of Paxillin with LC3. Cell Reports, 2016, 15, 1660-1672.	6.4	251
16	In Brief: Mitophagy: mechanisms and role in human disease. Journal of Pathology, 2016, 240, 253-255.	4.5	122
17	Novel insights into how autophagy regulates tumor cell motility. Autophagy, 2016, 12, 1679-1680.	9.1	26
18	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701

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19	Mitophagy defects arising from BNip3 loss promote mammary tumor progression to metastasis. EMBO Reports, 2015, 16, 1145-1163.	4.5	232
20	Mitophagy and cancer. Cancer & Metabolism, 2015, 3, 4.	5.0	204
21	Tumor suppressor functions of BNIP3 and mitophagy. Autophagy, 2015, 11, 1937-1938.	9.1	107
22	p62/SQSTM1 Accumulation in Squamous Cell Carcinoma of Head and Neck Predicts Sensitivity to Phosphatidylinositol 3-Kinase Pathway Inhibitors. PLoS ONE, 2014, 9, e90171.	2.5	26
23	Mammary cancer initiation and progression studied with magnetic resonance imaging. Breast Cancer Research, 2014, 16, 495.	5.0	9
24	Tumour suppressor gene function in carcinoma-associated fibroblasts: from tumour cells via EMT and back again?. Journal of Pathology, 2014, 232, 283-288.	4.5	31
25	Mitochondrial Dysfunction in Cancer. Frontiers in Oncology, 2013, 3, 292.	2.8	382
26	BNip3 Regulates Mitochondrial Function and Lipid Metabolism in the Liver. Molecular and Cellular Biology, 2012, 32, 2570-2584.	2.3	196
27	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
28	Exploiting Cancer Cell Vulnerabilities to Develop a Combination Therapy for Ras-Driven Tumors. Cancer Cell, 2011, 20, 400-413.	16.8	231
29	Autophagy: assays and artifacts. Journal of Pathology, 2010, 221, 117-124.	4.5	676
30	Autophagy: cellular and molecular mechanisms. Journal of Pathology, 2010, 221, 3-12.	4.5	2,657
31	The RB tumor suppressor: a gatekeeper to hormone independence in prostate cancer?. Journal of Clinical Investigation, 2010, 120, 4179-4182.	8.2	27
32	Elevated Poly-(ADP-Ribose)-Polymerase Activity Sensitizes Retinoblastoma-Deficient Cells to DNA Damageâ€“Induced Necrosis. Molecular Cancer Research, 2009, 7, 1099-1109.	3.4	17
33	The role of the RB tumour suppressor pathway in oxidative stress responses in the haematopoietic system. Nature Reviews Cancer, 2008, 8, 769-781.	28.4	53
34	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	9.1	2,064
35	Deregulated E2f-2 Underlies Cell Cycle and Maturation Defects in Retinoblastoma Null Erythroblasts. Molecular and Cellular Biology, 2007, 27, 8713-8728.	2.3	50
36	Regulation of Mitochondrial Integrity, Autophagy and Cell Survival by BNIP3. Autophagy, 2007, 3, 616-619.	9.1	67

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37	Effects of Hypoxia on Heterotypic Macrophage Interactions. Cell Cycle, 2007, 6, 2620-2624.	2.6	7
38	Hypoxic stress underlies defects in erythroblast islands in the Rb-null mouse. Blood, 2007, 110, 2173-2181.	1.4	22
39	BNIP3 Is an RB/E2F Target Gene Required for Hypoxia-Induced Autophagy. Molecular and Cellular Biology, 2007, 27, 6229-6242.	2.3	340
40	Unrestrained erythroblast development in Nix-/- mice reveals a mechanism for apoptotic modulation of erythropoiesis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6794-6799.	7.1	129
41	The Rb Tumor Suppressor in Stress Responses and Hematopoietic Homeostasis. Cell Cycle, 2005, 4, 42-45.	2.6	23
42	The Rb tumor suppressor is required for stress erythropoiesis. EMBO Journal, 2004, 23, 4319-4329.	7.8	91