PINK1 Is a Negative Regulator of Growth and the Warbu

Cancer Research

76, 4708-4719

DOI: 10.1158/0008-5472.can-15-3079

Citation Report

#	Article	IF	Citations
1	The Antibiotic Drug Tigecycline: A Focus on its Promising Anticancer Properties. Frontiers in Pharmacology, 2016, 7, 473.	1.6	31
3	Cytoplasmic Irradiation Induces Metabolic Shift in Human Small Airway Epithelial Cells via Activation of Pim-1 Kinase. Radiation Research, 2017, 187, 451.	0.7	8
4	Fire and water: Tumor cell adaptation to metabolic conditions. Experimental Cell Research, 2017, 356, 204-208.	1.2	16
5	Mild MPP+ exposure-induced glucose starvation enhances autophagosome synthesis and impairs its degradation. Scientific Reports, 2017, 7, 46668.	1.6	9
6	Expanding perspectives on the significance of mitophagy in cancer. Seminars in Cancer Biology, 2017, 47, 110-124.	4.3	131
7	PINK1 in the limelight: multiple functions of an eclectic protein in human health and disease. Journal of Pathology, 2017, 241, 251-263.	2.1	52
8	Reactive species balance via GTP cyclohydrolase I regulates glioblastoma growth and tumor initiating cell maintenance. Neuro-Oncology, 2018, 20, 1055-1067.	0.6	27
9	Forkhead box O proteins: Crucial regulators of cancer EMT. Seminars in Cancer Biology, 2018, 50, 21-31.	4.3	50
10	Overexpression of G-protein-coupled receptors 65 in glioblastoma predicts poor patient prognosis. Clinical Neurology and Neurosurgery, 2018, 164, 132-137.	0.6	15
11	NQO1 Is Regulated by PTEN in Glioblastoma, Mediating Cell Proliferation and Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-16.	1.9	42
12	The Interplay among PINK1/PARKIN/Dj-1 Network during Mitochondrial Quality Control in Cancer Biology: Protein Interaction Analysis. Cells, 2018, 7, 154.	1.8	37
13	DNMT1 mediates metabolic reprogramming induced by Epsteinâ€“Barr virus latent membrane protein 1 and reversed by grifolin in nasopharyngeal carcinoma. Cell Death and Disease, 2018, 9, 619.	2.7	65
14	PINK1 Expression Is Associated with Poor Prognosis in Lung Adenocarcinoma. Tohoku Journal of Experimental Medicine, 2018, 245, 115-121.	0.5	19
15	Lung Cancer Therapy Targeting Histone Methylation: Opportunities and Challenges. Computational and Structural Biotechnology Journal, 2018, 16, 211-223.	1.9	52
16	Role of Optineurin in the Mitochondrial Dysfunction: Potential Implications in Neurodegenerative Diseases and Cancer. Frontiers in Immunology, 2018, 9, 1243.	2.2	50
17	PINK1 and PARK2 Suppress Pancreatic Tumorigenesis through Control of Mitochondrial Iron-Mediated Immunometabolism. Developmental Cell, 2018, 46, 441-455.e8.	3.1	176
18	Autophagy and cancer cell metabolism. International Review of Cell and Molecular Biology, 2019, 347, 145-190.	1.6	38
19	The role of autophagy and mitophagy in cancers. Archives of Physiology and Biochemistry, 2022, 128, 281-289.	1.0	17

#	Article	IF	Citations
20	The Drosophila Model in Cancer. Advances in Experimental Medicine and Biology, 2019, , .	0.8	4
21	Design, synthesis and biological evaluation of curcumin analogues as novel LSD1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126683.	1.0	21
22	PINK1/Parkin Influences Cell Cycle by Sequestering TBK1 at Damaged Mitochondria, Inhibiting Mitosis. Cell Reports, 2019, 29, 225-235.e5.	2.9	58
23	Mitophagy and Oxidative Stress in Cancer and Aging: Focus on Sirtuins and Nanomaterials. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-19.	1.9	32
24	Pharmacoepigenetics of LSD1 Inhibitors in Cancer. , 2019, , 523-530.		7
25	Mitophagy in Cancer: A Tale of Adaptation. Cells, 2019, 8, 493.	1.8	149
26	Lactate accelerates calcification in VSMCs through suppression of BNIP3-mediated mitophagy. Cellular Signalling, 2019, 58, 53-64.	1.7	50
27	Cellular alterations identified in pluripotent stem cell-derived midbrain spheroids generated from a female patient with progressive external ophthalmoplegia and parkinsonism who carries a novel variation (p.Q811R) in the POLG1 gene. Acta Neuropathologica Communications, 2019, 7, 208.	2.4	20
28	LSD1/KDM1A inhibitors in clinical trials: advances and prospects. Journal of Hematology and Oncology, 2019, 12, 129.	6.9	266
29	Hypoxia regulates the mitochondrial activity of hepatocellular carcinoma cells through HIF/HEY1/PINK1 pathway. Cell Death and Disease, 2019, 10, 934.	2.7	98
30	Ligand-based design, synthesis and biological evaluation of xanthine derivatives as LSD1/KDM1A inhibitors. European Journal of Medicinal Chemistry, 2019, 162, 555-567.	2.6	20
31	An Adult Drosophila Glioma Model for Studying Pathometabolic Pathways of Gliomagenesis. Molecular Neurobiology, 2019, 56, 4589-4599.	1.9	23
32	The emerging, multifaceted role of mitophagy in cancer and cancer therapeutics. Seminars in Cancer Biology, 2020, 66, 45-58.	4.3	155
33	Mitophagy and Mitochondrial Dysfunction in Cancer. Annual Review of Cancer Biology, 2020, 4, 41-60.	2.3	45
34	Mitochondrial Dysfunction at the Center of Cancer Therapy. Antioxidants and Redox Signaling, 2020, 32, 309-330.	2.5	54
35	Aconitase 2 inhibits the proliferation of MCF-7 cells promoting mitochondrial oxidative metabolism and ROS/FoxO1-mediated autophagic response. British Journal of Cancer, 2020, 122, 182-193.	2.9	41
36	The Links between Parkinsonâ€™s Disease and Cancer. Biomedicines, 2020, 8, 416.	1.4	42
37	Mitochondria as the decision makers for cancer cell fate: from signaling pathways to therapeutic strategies. Cell Calcium, 2020, 92, 102308.	1.1	13

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38	Discovery of a dual inhibitor of NQO1 and GSTP1 for treating glioblastoma. Journal of Hematology and Oncology, 2020, 13, 141.	6.9	36
39	Pan-Cancer Analysis of the Mitophagy-Related Protein PINK1 as a Biomarker for the Immunological and Prognostic Role. Frontiers in Oncology, 2020, 10, 569887.	1.3	25
40	Mitochondrion-mediated iron accumulation promotes carcinogenesis and Warburg effect through reactive oxygen species in osteosarcoma. Cancer Cell International, 2020, 20, 399.	1.8	26
41	Bidirectional Relation Between Parkinson's Disease and Glioblastoma Multiforme. Frontiers in Neurology, 2020, 11, 898.	1.1	15
42	Sestrins: Darkhorse in the regulation of mitochondrial health and metabolism. Molecular Biology Reports, 2020, 47, 8049-8060.	1.0	10
43	The Expression Patterns of BECN1, LAMP2, and PINK1 Genes in Colorectal Cancer Are Potentially Regulated by Micrornas and CpG Islands: An In Silico Study. Journal of Clinical Medicine, 2020, 9, 4020.	1.0	4
44	DNA damage and mitochondria in cancer and aging. Carcinogenesis, 2020, 41, 1625-1634.	1.3	58
45	Novel therapeutic strategies for MLL-rearranged leukemias. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194584.	0.9	8
46	WhenS-Nitrosylation Gets to Mitochondria: From Signaling to Age-Related Diseases. Antioxidants and Redox Signaling, 2020, 32, 884-905.	2.5	20
47	Mitophagy and Its Contribution to Metabolic and Aging-Associated Disorders. Antioxidants and Redox Signaling, 2020, 32, 906-927.	2.5	35
48	PINK1â€Dependent Mitophagy Regulates the Migration and Homing of Multiple Myeloma Cells via the MOB1Bâ€Mediated Hippoâ€YAP/TAZ Pathway. Advanced Science, 2020, 7, 1900860.	5.6	27
49	A BAG's life: Every connection matters in cancer. , 2020, 209, 107498.		26
50	Glioblastoma in adults: a Society for Neuro-Oncology (SNO) and European Society of Neuro-Oncology (EANO) consensus review on current management and future directions. Neuro-Oncology, 2020, 22, 1073-1113.	0.6	543
51	Mitochondrial Reactive Oxygen Species and Mitophagy: A Complex and Nuanced Relationship. Antioxidants and Redox Signaling, 2021, 34, 517-530.	2.5	109
52	Sirtuins' control of autophagy and mitophagy in cancer. , 2021, 221, 107748.		58
53	Aldolase A Enhances Intrahepatic Cholangiocarcinoma Proliferation and Invasion through Promoting Glycolysis. International Journal of Biological Sciences, 2021, 17, 1782-1794.	2.6	9
54	Deciphering the dual role and prognostic potential of PINK1 across cancer types. Neural Regeneration Research, 2021, 16, 659.	1.6	7
55	Molecular mechanisms and physiological functions of mitophagy. EMBO Journal, 2021, 40, e104705.	3.5	553

#	Article	IF	Citations
56	Mitophagy in tumorigenesis and metastasis. Cellular and Molecular Life Sciences, 2021, 78, 3817-3851.	2.4	90
57	DDIT3 Directs a Dual Mechanism to Balance Glycolysis and Oxidative Phosphorylation during Glutamine Deprivation. Advanced Science, 2021, 8, e2003732.	5.6	15
58	LSD1 as a Biomarker and the Outcome of Its Inhibitors in the Clinical Trial: The Therapy Opportunity in Tumor. Journal of Oncology, 2021, 2021, 1-11.	0.6	13
59	Autophagy in Viral Development and Progression of Cancer. Frontiers in Oncology, 2021, 11, 603224.	1.3	13
60	Roles of PINK1 in regulation of systemic growth inhibition induced by mutations of PTEN in Drosophila. Cell Reports, 2021, 34, 108875.	2.9	6
61	Mitophagy protein PINK1 suppresses colon tumor growth by metabolic reprogramming via p53 activation and reducing acetyl-CoA production. Cell Death and Differentiation, 2021, 28, 2421-2435.	5.0	57
62	BRCA1 degradation in response to mitochondrial damage in breast cancer cells. Scientific Reports, 2021, 11, 8735.	1.6	10
63	NIPSNAP protein family emerges as a sensor of mitochondrial health. BioEssays, 2021, 43, e2100014.	1.2	10
64	Histone deacetylase inhibitors inhibit cervical cancer growth through Parkin acetylation-mediated mitophagy. Acta Pharmaceutica Sinica B, 2022, 12, 838-852.	5.7	16
65	Oxygen sensing, mitochondrial biology and experimental therapeutics for pulmonary hypertension and cancer. Free Radical Biology and Medicine, 2021, 170, 150-178.	1.3	32
66	The Nucleus/Mitochondria-Shuttling LncRNAs Function as New Epigenetic Regulators of Mitophagy in Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 699621.	1.8	7
67	Glutamate-Oxaloacetate Transaminase 1 Impairs Glycolysis by Interacting with Pyruvate Carboxylase and Further Inhibits the Malignant Phenotypes of Glioblastoma Cells. World Neurosurgery, 2021, 154, e616-e626.	0.7	2
68	Drosophila melanogaster as a Model System for Human Glioblastomas. Advances in Experimental Medicine and Biology, 2019, 1167, 207-224.	0.8	11
69	Modeling human brain tumors in flies, worms, and zebrafish: From proof of principle to novel therapeutic targets. Neuro-Oncology, 2021, 23, 718-731.	0.6	5
71	Downregulation of STOX1 is a novel prognostic biomarker for glioma patients. Open Life Sciences, 2021, 16, 1164-1174.	0.6	3
72	A Drosophila RNAi screen reveals conserved glioblastoma-related adhesion genes that regulate collective cell migration. G3: Genes, Genomes, Genetics, 2022, 12, .	0.8	4
73	Parkinson's Disease Phenotypes in Patient Neuronal Cultures and Brain Organoids Improved by <scp>2â€Hydroxypropylâ€Î²â€Cyclodextrin</scp> Treatment. Movement Disorders, 2022, 37, 80-94.	2.2	37
74	Mitochondrial dysfunction, UPRmt signaling, and targeted therapy in metastasis tumor. Cell and Bioscience, 2021, 11, 186.	2.1	20

#	Article	IF	Citations
75	Glioblastoma chemoresistance: roles of the mitochondrial melatonergic pathway. , 2020, 3, 334-355.		3
76	Identification of an individualized autophagy prognostic index in clear cell renal cell carcinoma patients. Translational Cancer Research, 2020, 9, 2951-2961.	0.4	0
77	Mitophagy in carcinogenesis and cancer treatment. Discover Oncology, 2021, 12, 58.	0.8	18
79	The Hallmarks of Glioblastoma: Heterogeneity, Intercellular Crosstalk and Molecular Signature of Invasiveness and Progression. Biomedicines, 2022, 10, 806.	1.4	35
80	Mitophagy in aging and longevity. IUBMB Life, 2022, 74, 296-316.	1.5	20
81	Pink1 promotes cell proliferation and affects glycolysis in breast cancer. Experimental Biology and Medicine, 2022, 247, 985-995.	1.1	2
83	Loss of PTEN-Induced Kinase 1 Regulates Oncogenic Ras-Driven Tumor Growth By Inhibiting Mitochondrial Fission. Frontiers in Oncology, 2022, 12, .	1.3	3
84	PDGF signaling inhibits mitophagy in glioblastoma stem cells through N-methyladenosine. Developmental Cell, 2022, 57, 1466-1481.e6.	3.1	30
85	Galectin-1 activates carbonic anhydrase IX and modulates glioma metabolism. Cell Death and Disease, 2022, 13, .	2.7	3
86	DEAD-Box RNA Helicases DDX3X and DDX5 as Oncogenes or Oncosuppressors: A Network Perspective. Cancers, 2022, 14, 3820.	1.7	7
87	Drosophila as a toolkit to tackle cancer and its metabolism. Frontiers in Oncology, 0, 12, .	1.3	5
88	The emerging multifaceted role of <scp>PINK1</scp> in cancer biology. Cancer Science, 2022, 113, 4037-4047.	1.7	7
89	Calcium Homeostasis in the Control of Mitophagy. Antioxidants and Redox Signaling, 0, , .	2.5	4
90	Mitophagy: A novel perspective for insighting into cancer and cancer treatment. Cell Proliferation, 2022, 55, .	2.4	21
91	Correction: PINK1 Is a Negative Regulator of Growth and the Warburg Effect in Glioblastoma. Cancer Research, 2022, 82, 4695-4695.	0.4	0
92	Targeting the Lysosomal Degradation of Rab22aâ€NeoF1 Fusion Protein for Osteosarcoma Lung Metastasis. Advanced Science, 2023, 10, .	5.6	6
93	Intersections of Ubiquitin-Proteosome System and Autophagy in Promoting Growth of Glioblastoma Multiforme: Challenges and Opportunities. Cells, 2022, 11, 4063.	1.8	1
94	PINK1 Immunoexpression Predicts Survival in Patients Undergoing Hepatic Resection for Colorectal Liver Metastases. International Journal of Molecular Sciences, 2023, 24, 6506.	1.8	0

#	Article	IF	Citations
97	The mitophagy pathway and its implications in human diseases. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	14