

Non-thermal plasma induces AKT degradation through and neck cancer

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mitochondrial E3 ubiquitin ligase 1: A key enzyme in regulation of mitochondrial dynamics and functions. <i>Mitochondrion</i> , 2016, 28, 49-53.	1.6	58
2	Non-thermal plasma induces a stress response in mesothelioma cells resulting in increased endocytosis, lysosome biogenesis and autophagy. <i>Free Radical Biology and Medicine</i> , 2017, 108, 904-917.	1.3	77
3	MiR-485-5p modulates mitochondrial fission through targeting mitochondrial anchored protein ligase in cardiac hypertrophy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2871-2881.	1.8	45
4	Non-thermal atmospheric plasma ameliorates imiquimod-induced psoriasis-like skin inflammation in mice through inhibition of immune responses and up-regulation of PD-L1 expression. <i>Scientific Reports</i> , 2017, 7, 15564.	1.6	31
5	Nicotine induces H9C2 cell apoptosis via Akt protein degradation. <i>Molecular Medicine Reports</i> , 2017, 16, 6269-6275.	1.1	10
6	Nonthermal plasma treated solution inhibits adipocyte differentiation and lipogenesis in 3T3-L1 preadipocytes via ER stress signal suppression. <i>Scientific Reports</i> , 2018, 8, 2277.	1.6	15
7	HSPA5 negatively regulates lysosomal activity through ubiquitination of MUL1 in head and neck cancer. <i>Autophagy</i> , 2018, 14, 385-403.	4.3	58
8	Targeting Nrf2-mediated heme oxygenase-1 enhances non-thermal plasma-induced cell death in non-small-cell lung cancer A549 cells. <i>Archives of Biochemistry and Biophysics</i> , 2018, 658, 54-65.	1.4	19
9	Hmx1 Upregulation Is a Mutual Marker in Human Tumor Cells Exposed to Physical Plasma-Derived Oxidants. <i>Antioxidants</i> , 2018, 7, 151.	2.2	29
10	Non-thermal plasma treated solution with potential as a novel therapeutic agent for nasal mucosa regeneration. <i>Scientific Reports</i> , 2018, 8, 13754.	1.6	16
11	Plasma Treatment of Ovarian Cancer Cells Mitigates Their Immuno-Modulatory Products Active on THP-1 Monocytes. <i>Plasma</i> , 2018, 1, 201-217.	0.7	17
12	Use of cold-atmospheric plasma in oncology: a concise systematic review. <i>Therapeutic Advances in Medical Oncology</i> , 2018, 10, 175883591878647.	1.4	151
13	Regulation of Redox Homeostasis by Nonthermal Biocompatible Plasma Discharge in Stem Cell Differentiation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	7
14	Vitamin C kills thyroid cancer cells through ROS-dependent inhibition of MAPK/ERK and PI3K/AKT pathways via distinct mechanisms. <i>Theranostics</i> , 2019, 9, 4461-4473.	4.6	123
15	Mitochondrial E3 ubiquitin ligase 1 promotes autophagy flux to suppress the development of clear cell renal cell carcinomas. <i>Cancer Science</i> , 2019, 110, 3533-3542.	1.7	17
16	Non-thermal plasma inhibits mast cell activation and ameliorates allergic skin inflammatory diseases in NC/Nga mice. <i>Scientific Reports</i> , 2019, 9, 13510.	1.6	12
17	Control of mTOR signaling by ubiquitin. <i>Oncogene</i> , 2019, 38, 3989-4001.	2.6	35
18	Genome-wide analysis of canine oral malignant melanoma metastasis-associated gene expression. <i>Scientific Reports</i> , 2019, 9, 6511.	1.6	19

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19	Physical Plasma Treatment of Eight Human Cancer Cell Lines Demarcates Upregulation of CD112 as a Common Immunomodulatory Response Element. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2020, 4, 343-349.	2.7	6
20	Non-thermal plasma induces apoptosis accompanied by protective autophagy via activating JNK/Sestrin2 pathway. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 465201.	1.3	5
21	Plasma Treatment Limits Cutaneous Squamous Cell Carcinoma Development In Vitro and In Vivo. <i>Cancers</i> , 2020, 12, 1993.	1.7	25
22	Plasma medical oncology: Immunological interpretation of head and neck squamous cell carcinoma. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900258.	1.6	19
23	Non-Thermal Plasma Induces Antileukemic Effect Through mTOR Ubiquitination. <i>Cells</i> , 2020, 9, 595.	1.8	17
24	Cellular deconvolution of GTEx tissues powers discovery of disease and cell-type associated regulatory variants. <i>Nature Communications</i> , 2020, 11, 955.	5.8	96
25	Medical Gas Plasma Treatment in Head and Neck Cancer—Challenges and Opportunities. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1944.	1.3	11
26	Crosstalk between HSPA5 arginylation and sequential ubiquitination leads to AKT degradation through autophagy flux. <i>Autophagy</i> , 2021, 17, 961-979.	4.3	30
27	Plasma-Conditioned Liquids as Anticancer Therapies In Vivo: Current State and Future Directions. <i>Cancers</i> , 2021, 13, 452.	1.7	31
28	EGR1/GADD45± Activation by ROS of Non-Thermal Plasma Mediates Cell Death in Thyroid Carcinoma. <i>Cancers</i> , 2021, 13, 351.	1.7	14
29	The Antitumor Effects of Plasma-Activated Saline on Muscle-Invasive Bladder Cancer Cells In Vitro and In Vivo Demonstrate Its Feasibility as a Potential Therapeutic Approach. <i>Cancers</i> , 2021, 13, 1042.	1.7	15
30	Selective cytotoxic effect of non-thermal micro-DBD plasma. <i>Physical Biology</i> , 2016, 13, 056001.	0.8	12
32	FOXO3 induces ubiquitylation of AKT through MUL1 regulation. <i>Oncotarget</i> , 2017, 8, 110474-110489.	0.8	16
33	ROS related enzyme levels and its association to molecular signaling pathway in the development of head and neck cancer. <i>Cellular and Molecular Biology</i> , 2018, 64, 24-29.	0.3	1
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36	Plasma-activated medium inhibits cancer stem cell-like properties and exhibits a synergistic effect in combination with cisplatin in ovarian cancer. <i>Free Radical Biology and Medicine</i> , 2022, 182, 276-288.	1.3	8
37	Chloroquine Attenuates Asthma Development by Restoring Airway Smooth Muscle Cell Phenotype Via the ROS-AKT Pathway. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3

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38	Mitochondrial <scp>E3</scp> ubiquitin ligase 1 (<scp>MUL1</scp>) as a novel therapeutic target for diseases associated with mitochondrial dysfunction. IUBMB Life, 2022, 74, 850-865.	1.5	9
39	Regulation of Metabolism by Mitochondrial MUL1 E3 Ubiquitin Ligase. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	2
40	Plasma oncology: Adjuvant therapy for head and neck cancer using cold atmospheric plasma. Frontiers in Oncology, 0, 12, .	1.3	3
41	Open Questions in Cold Atmospheric Plasma Treatment in Head and Neck Cancer: A Systematic Review. International Journal of Molecular Sciences, 2022, 23, 10238.	1.8	10
42	Targeting pleckstrin-2/Akt signaling reduces proliferation in myeloproliferative neoplasm models. Journal of Clinical Investigation, 2023, 133, .	3.9	2