

# Mara Cirone

## List of Publications by Year in descending order

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95  
papers

8,202  
citations

159525

30  
h-index

48277

88  
g-index

95  
all docs

95  
docs citations

95  
times ranked

17617  
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.	4.3	4,701
2	Consensus guidelines for the detection of immunogenic cell death. <i>Oncolmmunology</i> , 2014, 3, e955691.	2.1	686
3	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. <i>Frontiers in Immunology</i> , 2015, 6, 588.	2.2	317
4	Quercetin induces apoptosis and autophagy in primary effusion lymphoma cells by inhibiting PI3K/AKT/mTOR and STAT3 signaling pathways. <i>Journal of Nutritional Biochemistry</i> , 2017, 41, 124-136.	1.9	178
5	Epstein-Barr Virus Blocks the Autophagic Flux and Appropriates the Autophagic Machinery To Enhance Viral Replication. <i>Journal of Virology</i> , 2014, 88, 12715-12726.	1.5	119
6	Epstein-Barr Virus Infection Induces Aberrant TLR Activation Pathway and Fibroblast-Myofibroblast Conversion in Scleroderma. <i>Journal of Investigative Dermatology</i> , 2014, 134, 954-964.	0.3	89
7	Primary Effusion Lymphoma Cell Death Induced by Bortezomib and AG 490 Activates Dendritic Cells through CD91. <i>PLoS ONE</i> , 2012, 7, e31732.	1.1	71
8	Histone deacetylase inhibitors VPA and TSA induce apoptosis and autophagy in pancreatic cancer cells. <i>Cellular Oncology (Dordrecht)</i> , 2017, 40, 167-180.	2.1	70
9	STAT3 activation by KSHV correlates with IL-10, IL-6 and IL-23 release and an autophagic block in dendritic cells. <i>Scientific Reports</i> , 2014, 4, 4241.	1.6	68
10	Apigenin, by activating p53 and inhibiting STAT3, modulates the balance between pro-apoptotic and pro-survival pathways to induce PEL cell death. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 167.	3.5	66
11	Human herpesvirus 6 and multiple sclerosis: A study of t cell cross-reactivity to viral and myelin basic protein antigens. <i>Journal of Medical Virology</i> , 2002, 68, 268-272.	2.5	61
12	Autophagy manipulation as a strategy for efficient anticancer therapies: possible consequences. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 262.	3.5	61
13	Reactivation of mutant p53 by capsaicin, the major constituent of peppers. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 136.	3.5	59
14	Mutant p53, Stabilized by Its Interplay with HSP90, Activates a Positive Feed-Back Loop Between NRF2 and p62 that Induces Chemo-Resistance to Apigenin in Pancreatic Cancer Cells. <i>Cancers</i> , 2019, 11, 703.	1.7	52
15	Mutant p53 and Cellular Stress Pathways: A Criminal Alliance That Promotes Cancer Progression. <i>Cancers</i> , 2019, 11, 614.	1.7	51
16	Concomitant reduction of c-Myc expression and PI3K/AKT/mTOR signaling by quercetin induces a strong cytotoxic effect against Burkitt's lymphoma. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 393-400.	1.2	50
17	JNK and Macroautophagy Activation by Bortezomib Has a Pro-Survival Effect in Primary Effusion Lymphoma Cells. <i>PLoS ONE</i> , 2013, 8, e75965.	1.1	45
18	High glucose and hyperglycemic sera from type 2 diabetic patients impair DC differentiation by inducing ROS and activating Wnt/ $\beta$ -catenin and p38 MAPK. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 805-813.	1.8	45

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19	Zinc supplementation is required for the cytotoxic and immunogenic effects of chemotherapy in chemoresistant p53-functionally deficient cells. <i>Oncolmmunology</i> , 2013, 2, e26198.	2.1	44
20	EBV and KSHV Infection Dysregulates Autophagy to Optimize Viral Replication, Prevent Immune Recognition and Promote Tumorigenesis. <i>Viruses</i> , 2018, 10, 599.	1.5	44
21	The activation of KSHV lytic cycle blocks autophagy in PEL cells. <i>Autophagy</i> , 2015, 11, 1978-1986.	4.3	42
22	Suppression of dendritic cell differentiation through cytokines released by Primary Effusion Lymphoma cells. <i>Immunology Letters</i> , 2008, 120, 37-41.	1.1	41
23	Intracellular Transport and Maturation Pathway of Human Herpesvirus 6. <i>Virology</i> , 1999, 257, 460-471.	1.1	40
24	Activation of dendritic cells by tumor cell death. <i>Oncolmmunology</i> , 2012, 1, 1218-1219.	2.1	40
25	Capsaicin-mediated apoptosis of human bladder cancer cells activates dendritic cells via CD91. <i>Nutrition</i> , 2015, 31, 578-581.	1.1	36
26	Capsaicin triggers immunogenic PEL cell death, stimulates DCs and reverts PEL-induced immune suppression. <i>Oncotarget</i> , 2015, 6, 29543-29554.	0.8	36
27	Bortezomib promotes KHSV and EBV lytic cycle by activating JNK and autophagy. <i>Scientific Reports</i> , 2017, 7, 13052.	1.6	34
28	Human herpesvirus 8 (HHV-8) inhibits monocyte differentiation into dendritic cells and impairs their immunostimulatory activity. <i>Immunology Letters</i> , 2007, 113, 40-46.	1.1	32
29	Tyrosine kinase inhibitor tyrphostin AG490 triggers both apoptosis and autophagy by reducing HSF1 and Mcl-1 in PEL cells. <i>Cancer Letters</i> , 2015, 366, 191-197.	3.2	32
30	EBV up-regulates PD-L1 on the surface of primary monocytes by increasing ROS and activating TLR signaling and STAT3. <i>Journal of Leukocyte Biology</i> , 2018, 104, 821-832.	1.5	31
31	Oncogenic pathways activated by pro-inflammatory cytokines promote mutant p53 stability: clue for novel anticancer therapies. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 1853-1860.	2.4	30
32	Kaposi sarcoma associated herpesvirus (KSHV) induces AKT hyperphosphorylation, bortezomib-resistance and GLUT-1 plasma membrane exposure in THP-1 monocytic cell line. <i>Journal of Experimental and Clinical Cancer Research</i> , 2013, 32, 79.	3.5	29
33	p53-Dependent PUMA to DRAM antagonistic interplay as a key molecular switch in cell-fate decision in normal/high glucose conditions. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 126.	3.5	29
34	Quercetin Interrupts the Positive Feedback Loop Between STAT3 and IL-6, Promotes Autophagy, and Reduces ROS, Preventing EBV-Driven B Cell Immortalization. <i>Biomolecules</i> , 2019, 9, 482.	1.8	28
35	PKC theta and p38 MAPK activate the EBV lytic cycle through autophagy induction. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1586-1595.	1.9	27
36	New Insights into Curcumin- and Resveratrol-Mediated Anti-Cancer Effects. <i>Pharmaceuticals</i> , 2021, 14, 1068.	1.7	27

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37	Viral Glycoproteins Accumulate in Newly Formed Annulate Lamellae following Infection of Lymphoid Cells by Human Herpesvirus 6. <i>Journal of Virology</i> , 1998, 72, 9738-9746.	1.5	26
38	Epstein-barr virus internalization and infectivity are blocked by selective protein kinase C inhibitors. <i>International Journal of Cancer</i> , 1990, 45, 490-493.	2.3	24
39	Epstein-Barr virus infection leads to partial phenotypic reversion of terminally differentiated malignant B cells. <i>Cancer Letters</i> , 2009, 284, 165-174.	3.2	24
40	KSHV infection skews macrophage polarisation towards M2-like/TAM and activates Ire1 $\pm$ -XBP1 axis up-regulating pro-tumorigenic cytokine release and PD-L1 expression. <i>British Journal of Cancer</i> , 2020, 123, 298-306.	2.9	24
41	Impact of HHV-6A and HHV-6B lytic infection on autophagy and endoplasmic reticulum stress. <i>Journal of General Virology</i> , 2019, 100, 89-98.	1.3	24
42	Metformin triggers apoptosis in PEL cells and alters bortezomib-induced Unfolded Protein Response increasing its cytotoxicity and inhibiting KSHV lytic cycle activation. <i>Cellular Signalling</i> , 2017, 40, 239-247.	1.7	23
43	HHV-6A infection dysregulates autophagy/UPR interplay increasing beta amyloid production and tau phosphorylation in astrocytoma cells as well as in primary neurons, possible molecular mechanisms linking viral infection to Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165647.	1.8	22
44	Hepatitis C virus present in the sera of infected patients interferes with the autophagic process of monocytes impairing their in-vitro differentiation into dendritic cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1348-1355.	1.9	21
45	HIPK2 role in the tumor-host interaction: Impact on fibroblasts transdifferentiation CAF-like. <i>IUBMB Life</i> , 2019, 71, 2055-2061.	1.5	21
46	Targeting COX-2/PGE2 Pathway in HIPK2 Knockdown Cancer Cells: Impact on Dendritic Cell Maturation. <i>PLoS ONE</i> , 2012, 7, e48342.	1.1	20
47	STAT3 and mutp53 Engage a Positive Feedback Loop Involving HSP90 and the Mevalonate Pathway. <i>Frontiers in Oncology</i> , 2020, 10, 1102.	1.3	20
48	Cancer cells dysregulate PI3K/AKT/mTOR pathway activation to ensure their survival and proliferation: mimicking them is a smart strategy of gammaherpesviruses. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2021, 56, 500-509.	2.3	20
49	Hyperglycemia triggers HIPK2 protein degradation. <i>Oncotarget</i> , 2017, 8, 1190-1203.	0.8	20
50	STAT3 phosphorylation affects p53/p21 axis and KSHV lytic cycle activation. <i>Virology</i> , 2019, 528, 137-143.	1.1	19
51	A ruthenium(II)-curcumin compound modulates NRF2 expression balancing the cancer cell death/survival outcome according to p53 status. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 122.	3.5	19
52	HHV-8 reduces dendritic cell migration through down-regulation of cell-surface CCR6 and CCR7 and cytoskeleton reorganization. <i>Virology Journal</i> , 2012, 9, 92.	1.4	18
53	KSHV dysregulates bulk macroautophagy, mitophagy and UPR to promote endothelial to mesenchymal transition and CCL2 release, key events in viral-driven sarcomagenesis. <i>International Journal of Cancer</i> , 2020, 147, 3500-3510.	2.3	18
54	Interference with the Autophagic Process as a Viral Strategy to Escape from the Immune Control: Lesson from Gamma Herpesviruses. <i>Journal of Immunology Research</i> , 2015, 2015, 1-9.	0.9	17

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55	Oxidant species are involved in T/B-mediated ERK1/2 phosphorylation that activates p53-p21 axis to promote KSHV lytic cycle in PEL cells. <i>Free Radical Biology and Medicine</i> , 2017, 112, 327-335.	1.3	17
56	IRE1 Alpha/XBP1 Axis Sustains Primary Effusion Lymphoma Cell Survival by Promoting Cytokine Release and STAT3 Activation. <i>Biomedicines</i> , 2021, 9, 118.	1.4	17
57	p62/SQSTM1/Keap1/NRF2 Axis Reduces Cancer Cells Death-Sensitivity in Response to Zn(II)-Curcumin Complex. <i>Biomolecules</i> , 2021, 11, 348.	1.8	17
58	Could autophagy dysregulation link neurotropic viruses to Alzheimer's disease?. <i>Neural Regeneration Research</i> , 2019, 14, 1503.	1.6	17
59	The Impact of NRF2 Inhibition on Drug-Induced Colon Cancer Cell Death and p53 Activity: A Pilot Study. <i>Biomolecules</i> , 2022, 12, 461.	1.8	17
60	Elevated antinuclear antibodies and altered anti-Epstein-Barr virus immune responses. <i>Virus Research</i> , 2015, 195, 95-99.	1.1	16
61	DNA damage triggers an interplay between wtp53 and c-Myc affecting lymphoma cell proliferation and Kaposi sarcoma herpesvirus replication. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119168.	1.9	16
62	Cytotoxic Drugs Activate KSHV Lytic Cycle in Latently Infected PEL Cells by Inducing a Moderate ROS Increase Controlled by HSF1, NRF2 and p62/SQSTM1. <i>Viruses</i> , 2019, 11, 8.	1.5	15
63	PGE2 Released by Pancreatic Cancer Cells Undergoing ER Stress Transfers the Stress to DCs Impairing Their Immune Function. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 934-945.	1.9	15
64	ER Stress, UPR Activation and the Inflammatory Response to Viral Infection. <i>Viruses</i> , 2021, 13, 798.	1.5	15
65	Early interactions of human herpesvirus 6 with lymphoid cells: Role of membrane protein components and glycosaminoglycans in virus binding. <i>Journal of Medical Virology</i> , 2000, 62, 487-497.	2.5	13
66	HHV-6B reduces autophagy and induces ER stress in primary monocytes impairing their survival and differentiation into dendritic cells. <i>Virus Research</i> , 2019, 273, 197757.	1.1	13
67	Interplay between Endoplasmic Reticulum (ER) Stress and Autophagy Induces Mutant p53H273 Degradation. <i>Biomolecules</i> , 2020, 10, 392.	1.8	13
68	The cross-talk between STAT1/STAT3 and ROS up-regulates PD-L1 and promotes the release of pro-inflammatory/immune suppressive cytokines in primary monocytes infected by HHV-6B. <i>Virus Research</i> , 2021, 292, 198231.	1.1	13
69	VPA and TSA Interrupt the Interplay between mutp53 and HSP70, Leading to CHK1 and RAD51 Down-Regulation and Sensitizing Pancreatic Cancer Cells to AZD2461 PARP Inhibitor. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2268.	1.8	13
70	Perturbation of bulk and selective macroautophagy, abnormal UPR activation and their interplay pave the way to immune dysfunction, cancerogenesis and neurodegeneration in ageing. <i>Ageing Research Reviews</i> , 2020, 58, 101026.	5.0	12
71	ATF6 prevents DNA damage and cell death in colon cancer cells undergoing ER stress. <i>Cell Death Discovery</i> , 2022, 8, .	2.0	12
72	Targeting of Prosurvival Pathways as Therapeutic Approaches against Primary Effusion Lymphomas: Past, Present, and Future. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	11

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73	p62/SQSTM1 promotes mitophagy and activates the NRF2-mediated antioxidant and anti-inflammatory response restraining EBV-driven B lymphocyte proliferation. <i>Carcinogenesis</i> , 2022, 43, 277-287.	1.3	11
74	BFRF1 protein is involved in EBV-mediated autophagy manipulation. <i>Microbes and Infection</i> , 2020, 22, 585-591.	1.0	10
75	Role of UPR Sensor Activation in Cell Death—Survival Decision of Colon Cancer Cells Stressed by DPE Treatment. <i>Biomedicines</i> , 2021, 9, 1262.	1.4	10
76	Cyclooxygenase-2 is induced by p38 MAPK and promotes cell survival. <i>Oncology Reports</i> , 2013, 29, 1999-2004.	1.2	9
77	Viral Infection and Autophagy Dysregulation: The Case of HHV-6, EBV and KSHV. <i>Cells</i> , 2020, 9, 2624.	1.8	9
78	Reduced chemotherapeutic sensitivity in high glucose condition: implication of antioxidant response. <i>Oncotarget</i> , 2019, 10, 4691-4702.	0.8	9
79	Anticancer effect of AZD2461 PARP inhibitor against colon cancer cells carrying wt or dysfunctional p53. <i>Experimental Cell Research</i> , 2021, 408, 112879.	1.2	9
80	Interconnected Adaptive Responses: A Way Out for Cancer Cells to Avoid Cellular Demise. <i>Cancers</i> , 2022, 14, 2780.	1.7	9
81	Mechanisms of Sensitivity and Resistance of Primary Effusion Lymphoma to Dimethyl Fumarate (DMF). <i>International Journal of Molecular Sciences</i> , 2022, 23, 6773.	1.8	8
82	Nuclear factor erythroid 2 (NFE2) p45-related factor 2 interferes with homeodomain-interacting protein kinase 2/p53 activity to impair solid tumors chemosensitivity. <i>IUBMB Life</i> , 2020, 72, 1634-1639.	1.5	7
83	Lovastatin reduces PEL cell survival by phosphorylating ERK1 /2 that blocks the autophagic flux and engages a cross-talk with p53 to activate p21. <i>IUBMB Life</i> , 2021, 73, 968-977.	1.5	7
84	Zinc Supplementation Enhances the Pro-Death Function of UPR in Lymphoma Cells Exposed to Radiation. <i>Biology</i> , 2022, 11, 132.	1.3	7
85	Targeting c-Myc Unbalances UPR towards Cell Death and Impairs DDR in Lymphoma and Multiple Myeloma Cells. <i>Biomedicines</i> , 2022, 10, 731.	1.4	7
86	p53-R273H Sustains ROS, Pro-Inflammatory Cytokine Release and mTOR Activation While Reducing Autophagy, Mitophagy and UCP2 Expression, Effects Prevented by wtp53. <i>Biomolecules</i> , 2021, 11, 344.	1.8	6
87	Kaposi Sarcoma Herpes Virus (KSHV) infection inhibits macrophage formation and survival by counteracting Macrophage Colony-Stimulating Factor (M-CSF)-induced increase of Reactive Oxygen Species (ROS), c-Jun N-terminal kinase (JNK) phosphorylation and autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 114, 105560.	1.2	5
88	PBA Preferentially Impairs Cell Survival of Glioblastomas Carrying mutp53 by Reducing Its Expression Level, Stabilizing wtp53, Downregulating the Mevalonate Kinase and Dysregulating UPR. <i>Biomolecules</i> , 2020, 10, 586.	1.8	5
89	Antiviral Filtering Capacity of GO-Coated Textiles. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7501.	1.3	5
90	3,4-Dihydroxyphenylethanol (DPE or Hydroxytyrosol) Counteracts ERK1/2 and mTOR Activation, Pro-Inflammatory Cytokine Release, Autophagy and Mitophagy Reduction Mediated by Benzo[a]pyrene in Primary Human Colonic Epithelial Cells. <i>Pharmaceutics</i> , 2022, 14, 663.	2.0	5

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91	Events Related to Epstein-Barr Virus Binding and Superinfection of Raji Cells. Intervirology, 1994, 37, 245-251.	1.2	3
92	The impairment of DDR reduces XBP1s, further increasing DNA damage, and triggers autophagy via PERK/eIF2alpha in MM and IRE1alpha/JNK1/2 in PEL cells. Biochemical and Biophysical Research Communications, 2022, 613, 19-25.	1.0	3
93	Sourcing the immune system to induce immunogenic cell death in Kras-colorectal cancer cells. British Journal of Cancer, 2019, 121, 768-775.	2.9	2
94	The dysregulation of autophagy and ER stress induced by HHV-6A infection activates pro-inflammatory pathways and promotes the release of inflammatory cytokines and cathepsin S by CNS cells. Virus Research, 2022, 313, 198726.	1.1	2
95	Superinfection by Epstein-Barr virus of a subset of Raji cells is independent of HLA class-II antigens. International Journal of Cancer, 1990, 45, 989-989.	2.3	1