

Gabriella D'orazi

List of Publications by Year in descending order

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112
papers

12,052
citations

66234

42
h-index

27345

106
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115
all docs

115
docs citations

115
times ranked

21346
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	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition	4.3	1,430
3	Apoptosis as anticancer mechanism: function and dysfunction of its modulators and targeted therapeutic strategies. <i>Aging</i> , 2016, 8, 603-619.	1.4	1,014
4	Homeodomain-interacting protein kinase-2 phosphorylates p53 at Ser 46 and mediates apoptosis. <i>Nature Cell Biology</i> , 2002, 4, 11-19.	4.6	636
5	Type IV collagenase(s) and TIMPs modulate endothelial cell morphogenesis in vitro. <i>Journal of Cellular Physiology</i> , 1993, 156, 235-246.	2.0	280
6	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
7	Regulation of p53 activity by HIPK2: molecular mechanisms and therapeutical implications in human cancer cells. <i>Oncogene</i> , 2010, 29, 4378-4387.	2.6	130
8	Restoring p53 active conformation by zinc increases the response of mutant p53 tumor cells to anticancer drugs. <i>Cell Cycle</i> , 2011, 10, 1679-1689.	1.3	116
9	Inhibition of HIF-1 α activity by homeodomain-interacting protein kinase-2 correlates with sensitization of chemoresistant cells to undergo apoptosis. <i>Molecular Cancer</i> , 2009, 8, 1.	7.9	114
10	Homeodomain-interacting protein kinase-2 activity and p53 phosphorylation are critical events for cisplatin-mediated apoptosis. <i>Experimental Cell Research</i> , 2004, 293, 311-320.	1.2	99
11	Zinc Downregulates HIF-1 α and Inhibits Its Activity in Tumor Cells In Vitro and In Vivo. <i>PLoS ONE</i> , 2010, 5, e15048.	1.1	96
12	Degradation of mutant p53H175 protein by Zn(II) through autophagy. <i>Cell Death and Disease</i> , 2014, 5, e1271-e1271.	2.7	82
13	Updates on HIPK2: a resourceful oncosuppressor for clearing cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2012, 31, 63.	3.5	81
14	Reversible Dysfunction of Wild-Type p53 following Homeodomain-Interacting Protein Kinase-2 Knockdown. <i>Cancer Research</i> , 2008, 68, 3707-3714.	0.4	78
15	HSP70 inhibition by 2-phenylethynesulfonamide induces lysosomal cathepsin D release and immunogenic cell death in primary effusion lymphoma. <i>Cell Death and Disease</i> , 2013, 4, e730-e730.	2.7	74
16	HIPK2 modulates p53 activity towards pro-apoptotic transcription. <i>Molecular Cancer</i> , 2009, 8, 85.	7.9	72
17	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
18	A fluorescent curcumin-based Zn(II)-complex reactivates mutant (R175H and R273H) p53 in cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2013, 32, 72.	3.5	68

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19	SLC25A1, or CIC, is a novel transcriptional target of mutant p53 and a negative tumor prognostic marker. <i>Oncotarget</i> , 2014, 5, 1212-1225.	0.8	68
20	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
21	HIPK2 contributes to PCAF-mediated p53 acetylation and selective transactivation of p21Waf1 after nonapoptotic DNA damage. <i>Oncogene</i> , 2005, 24, 5431-5442.	2.6	63
22	Nox1 is involved in p53 deacetylation and suppression of its transcriptional activity and apoptosis. <i>Free Radical Biology and Medicine</i> , 2010, 48, 1338-1346.	1.3	62
23	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
24	HIPK2 neutralizes MDM2 inhibition rescuing p53 transcriptional activity and apoptotic function. <i>Oncogene</i> , 2004, 23, 5185-5192.	2.6	60
25	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
26	Mutant p53 proteins alter cancer cell secretome and tumour microenvironment: Involvement in cancer invasion and metastasis. <i>Cancer Letters</i> , 2016, 376, 303-309.	3.2	57
27	Restoring wtp53 activity in HIPK2 depleted MCF7 cells by modulating metallothionein and zinc. <i>Experimental Cell Research</i> , 2009, 315, 67-75.	1.2	53
28	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
29	Follicle-stimulating hormone increases the expression of tissue inhibitors of metalloproteinases TIMP-1 and TIMP-2 and induces TIMP-1 AP-1 site binding complex(es) in prepubertal rat Sertoli cells.. <i>Endocrinology</i> , 1994, 135, 2479-2487.	1.4	51
30	Mutant p53 and Cellular Stress Pathways: A Criminal Alliance That Promotes Cancer Progression. <i>Cancers</i> , 2019, 11, 614.	1.7	51
31	Homeodomain-Interacting Protein Kinase-2 Restrains Cytosolic Phospholipase A2-Dependent Prostaglandin E2 Generation in Human Colorectal Cancer Cells. <i>Clinical Cancer Research</i> , 2006, 12, 735-741.	3.2	50
32	Homeodomain Interacting Protein Kinase 2: A Target for Alzheimer's Beta Amyloid Leading to Misfolded p53 and Inappropriate Cell Survival. <i>PLoS ONE</i> , 2010, 5, e10171.	1.1	50
33	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
34	Zinc supplementation augments <i>in vivo</i> antitumor effect of chemotherapy by restoring p53 function. <i>International Journal of Cancer</i> , 2012, 131, E562-8.	2.3	49
35	Negative Regulation of β 4 Integrin Transcription by Homeodomain-Interacting Protein Kinase 2 and p53 Impairs Tumor Progression. <i>Cancer Research</i> , 2009, 69, 5978-5986.	0.4	48
36	Transcriptional regulation of hypoxia-inducible factor 1α by HIPK2 suggests a novel mechanism to restrain tumor growth. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 368-377.	1.9	48

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37	HIPK2--A therapeutical target to be (re)activated for tumor suppression: Role in p53 activation and HIF-1 α inhibition. <i>Cell Cycle</i> , 2010, 9, 1270-1275.	1.3	47
38	Targeting Hypoxia in Cancer Cells by Restoring Homeodomain Interacting Protein-Kinase 2 and p53 Activity and Suppressing HIF-1 α . <i>PLoS ONE</i> , 2009, 4, e6819.	1.1	47
39	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
40	High glucose and hyperglycemic sera from type 2 diabetic patients impair DC differentiation by inducing ROS and activating Wnt/ β -catenin and p38 MAPK. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 805-813.	1.8	45
41	HIF-1 α antagonizes p53-mediated apoptosis by triggering HIPK2 degradation. <i>Aging</i> , 2011, 3, 33-43.	1.4	45
42	Zinc supplementation is required for the cytotoxic and immunogenic effects of chemotherapy in chemoresistant p53-functionally deficient cells. <i>Oncolmunology</i> , 2013, 2, e26198.	2.1	44
43	Unfolded p53 in the pathogenesis of Alzheimer's disease: is HIPK2 the link?. <i>Aging</i> , 2010, 2, 545-554.	1.4	44
44	Nobel committee honors tumor immunologists. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 262.	3.5	43
45	High glucose dephosphorylates serine 46 and inhibits p53 apoptotic activity. <i>Journal of Experimental and Clinical Cancer Research</i> , 2014, 33, 79.	3.5	42
46	Chloroquine supplementation increases the cytotoxic effect of curcumin against Her2/neu overexpressing breast cancer cells <i>in vitro</i> and <i>in vivo</i> in nude mice while counteracts it in immune competent mice. <i>Oncolmunology</i> , 2017, 6, e1356151.	2.1	41
47	p53 can inhibit cell proliferation through caspase-mediated cleavage of ERK2/MAPK. <i>Cell Death and Differentiation</i> , 2004, 11, 596-607.	5.0	40
48	Targeting MKK3 as a novel anticancer strategy: molecular mechanisms and therapeutical implications. <i>Cell Death and Disease</i> , 2015, 6, e1621-e1621.	2.7	39
49	Glucose restriction induces cell death in parental but not in homeodomain-interacting protein kinase 2-depleted RKO colon cancer cells: molecular mechanisms and implications for tumor therapy. <i>Cell Death and Disease</i> , 2013, 4, e639-e639.	2.7	38
50	Targeting hypoxia in tumor: a new promising therapeutic strategy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 8.	3.5	38
51	Ultrastructural evidence of the mechanisms responsible for interleukin-4 α -activated rejection of a spontaneous murine adenocarcinoma. <i>International Journal of Cancer</i> , 1993, 53, 988-993.	2.3	33
52	HIPK2 inhibits both MDM2 gene and protein by, respectively, p53-dependent and independent regulations. <i>FEBS Letters</i> , 2005, 579, 5473-5480.	1.3	32
53	Increase of BCNU sensitivity by wt-p53 gene therapy in glioblastoma lines depends on the administration schedule. <i>Gene Therapy</i> , 1999, 6, 1064-1072.	2.3	31
54	HIPK2 downregulates vimentin and inhibits breast cancer cell invasion. <i>Cancer Biology and Therapy</i> , 2012, 13, 198-205.	1.5	31

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55	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
56	HIPK2-induced p53Ser46 phosphorylation activates the KILLER/DR5-mediated caspase-8 extrinsic apoptotic pathway. <i>Cell Death and Differentiation</i> , 2007, 14, 1837-1839.	5.0	29
57	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
58	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
59	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
60	Exogenous wt-p53 protein is active in transformed cells but not in their non-transformed counterparts: implications for cancer gene therapy without tumor targeting. <i>Journal of Gene Medicine</i> , 2000, 2, 11-21.	1.4	27
61	Azurin modulates the association of Mdm2 with p53: SPR evidence from interaction of the full-length proteins. <i>Journal of Molecular Recognition</i> , 2011, 24, 707-714.	1.1	26
62	Genome-wide analysis discloses reversal of the hypoxia-induced changes of gene expression in colon cancer cells by zinc supplementation. <i>Oncotarget</i> , 2011, 2, 1191-1202.	0.8	26
63	Interaction of p53 with Mdm2 and azurin as studied by atomic force spectroscopy. <i>Journal of Molecular Recognition</i> , 2010, 23, 343-351.	1.1	25
64	p53 reactivation. <i>Cell Cycle</i> , 2012, 11, 2581-2582.	1.3	25
65	Zn(II)-curc targets p53 in thyroid cancer cells. <i>International Journal of Oncology</i> , 2015, 47, 1241-1248.	1.4	24
66	The beneficial effect of Zinc(II) on low-dose chemotherapeutic sensitivity involves p53 activation in wild-type p53-carrying colorectal cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2015, 34, 87.	3.5	24
67	KSHV infection skews macrophage polarisation towards M2-like/TAM and activates Irf1 \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
68	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
69	Carvacrol reduces adipogenic differentiation by modulating autophagy and ChREBP expression. <i>PLoS ONE</i> , 2018, 13, e0206894.	1.1	23
70	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
71	Regulation of vascular endothelial growth factor expression by homeodomain-interacting protein kinase-2. <i>Journal of Experimental and Clinical Cancer Research</i> , 2008, 27, 22.	3.5	21
72	HIPK2 role in the tumor-host interaction: Impact on fibroblasts transdifferentiation CAF-like. <i>IUBMB Life</i> , 2019, 71, 2055-2061.	1.5	21

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73	Xenotransplantation in immunosuppressed nude mice of human solid tumors and acute leukemias directly from patients orin vitro cell lines. Research in Clinic and Laboratory, 1989, 19, 231-43.	0.3	21
74	Overexpression of HIPK2 circumvents the blockade of apoptosis in chemoresistant ovarian cancer cells. Gynecologic Oncology, 2008, 109, 403-410.	0.6	20
75	Targeting COX-2/PGE2 Pathway in HIPK2 Knockdown Cancer Cells: Impact on Dendritic Cell Maturation. PLoS ONE, 2012, 7, e48342.	1.1	20
76	STAT3 and mutp53 Engage a Positive Feedback Loop Involving HSP90 and the Mevalonate Pathway. Frontiers in Oncology, 2020, 10, 1102.	1.3	20
77	Hyperglycemia triggers HIPK2 protein degradation. Oncotarget, 2017, 8, 1190-1203.	0.8	20
78	STAT3 phosphorylation affects p53/p21 axis and KSHV lytic cycle activation. Virology, 2019, 528, 137-143.	1.1	19
79	A ruthenium(II)-curcumin compound modulates NRF2 expression balancing the cancer cell death/survival outcome according to p53 status. Journal of Experimental and Clinical Cancer Research, 2020, 39, 122.	3.5	19
80	N6-Methyldeoxyadenosine, a nucleoside commonly found in prokaryotes, induces C2C12 myogenic differentiation. Biochemical and Biophysical Research Communications, 2004, 314, 476-482.	1.0	18
81	Tp53-gene transfer induces hypersensitivity to low doses of X-rays in glioblastoma cells: a strategy to convert a radio-resistant phenotype into a radiosensitive one. Cancer Letters, 2006, 231, 102-112.	3.2	17
82	Oxidant species are involved in T/B-mediated ERK1/2 phosphorylation that activates p53-p21 axis to promote KSHV lytic cycle in PEL cells. Free Radical Biology and Medicine, 2017, 112, 327-335.	1.3	17
83	p62/SQSTM1/Keap1/NRF2 Axis Reduces Cancer Cells Death-Sensitivity in Response to Zn(II)â€“Curcumin Complex. Biomolecules, 2021, 11, 348.	1.8	17
84	The Impact of NRF2 Inhibition on Drug-Induced Colon Cancer Cell Death and p53 Activity: A Pilot Study. Biomolecules, 2022, 12, 461.	1.8	17
85	Expression and synthesis of fibronectin and laminin by an intestinal epithelial cell line. Tissue and Cell, 1988, 20, 305-312.	1.0	16
86	Targeting mutant p53 in cancer: the latest insights. Journal of Experimental and Clinical Cancer Research, 2019, 38, 290.	3.5	16
87	The 72-kDa and the 92-kDa gelatinases, but not their inhibitors TIMP-1 and TIMP-2, are expressed in early psoriatic lesions. Experimental Dermatology, 1997, 6, 321-327.	1.4	15
88	Cytotoxic Drugs Activate KSHV Lytic Cycle in Latently Infected PEL Cells by Inducing a Moderate ROS Increase Controlled by HSF1, NRF2 and p62/SQSTM1. Viruses, 2019, 11, 8.	1.5	15
89	PGE2 Released by Pancreatic Cancer Cells Undergoing ER Stress Transfers the Stress to DCs Impairing Their Immune Function. Molecular Cancer Therapeutics, 2021, 20, 934-945.	1.9	15
90	ZnCl2 sustains the adriamycin-induced cell death inhibited by high glucose. Cell Death and Disease, 2016, 7, e2280-e2280.	2.7	14

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91	Gentian violet induces wtp53 transactivation in cancer cells. International Journal of Oncology, 2014, 44, 1084-1090.	1.4	13
92	Interplay between Endoplasmic Reticulum (ER) Stress and Autophagy Induces Mutant p53H273 Degradation. Biomolecules, 2020, 10, 392.	1.8	13
93	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. International Journal of Molecular Sciences, 2022, 23, 2268.	1.8	13
94	Counteracting MDM2-induced HIPK2 downregulation restores HIPK2/p53 apoptotic signaling in cancer cells. FEBS Letters, 2010, 584, 4253-4258.	1.3	12
95	ATF6 prevents DNA damage and cell death in colon cancer cells undergoing ER stress. Cell Death Discovery, 2022, 8, .	2.0	12
96	Wild-type p53-mediated down-modulation of interleukin 15 and interleukin 15 receptors in human rhabdomyosarcoma cells. British Journal of Cancer, 1998, 78, 1541-1546.	2.9	11
97	Recent Advances in p53. Biomolecules, 2021, 11, 211.	1.8	11
98	Ewing's sarcoma lines synthesize laminin and fibronectin. Virchows Archiv A, Pathological Anatomy and Histopathology, 1987, 410, 375-381.	1.4	10
99	Role of UPR Sensor Activation in Cell Death—Survival Decision of Colon Cancer Cells Stressed by DPE Treatment. Biomedicines, 2021, 9, 1262.	1.4	10
100	Reduced chemotherapeutic sensitivity in high glucose condition: implication of antioxidant response. Oncotarget, 2019, 10, 4691-4702.	0.8	9
101	Anticancer effect of AZD2461 PARP inhibitor against colon cancer cells carrying wt or dysfunctional p53. Experimental Cell Research, 2021, 408, 112879.	1.2	9
102	Interconnected Adaptive Responses: A Way Out for Cancer Cells to Avoid Cellular Demise. Cancers, 2022, 14, 2780.	1.7	9
103	HIPK2 knock-down compromises tumor cell efficiency to repair damaged DNA. Biochemical and Biophysical Research Communications, 2007, 361, 249-255.	1.0	7
104	Nuclear factor erythroid 2 (NF- κ B) p45-related factor 2 interferes with homeodomain-interacting protein kinase 2/p53 activity to impair solid tumors chemosensitivity. IUBMB Life, 2020, 72, 1634-1639.	1.5	7
105	Lovastatin reduces PEL cell survival by phosphorylating ERK1 /2 that blocks the autophagic flux and engages a cross-talk with p53 to activate p21. IUBMB Life, 2021, 73, 968-977.	1.5	7
106	Zinc Supplementation Enhances the Pro-Death Function of UPR in Lymphoma Cells Exposed to Radiation. Biology, 2022, 11, 132.	1.3	7
107	Modulation of laminin synthesis in human neuroblastoma cells during retinoic acid induced differentiation. Cancer Letters, 1992, 64, 31-37.	3.2	6
108	p53-R273H Sustains ROS, Pro-Inflammatory Cytokine Release and mTOR Activation While Reducing Autophagy, Mitophagy and UCP2 Expression, Effects Prevented by wtp53. Biomolecules, 2021, 11, 344.	1.8	6

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109	PBA Preferentially Impairs Cell Survival of Glioblastomas Carrying mutp53 by Reducing Its Expression Level, Stabilizing wtp53, Downregulating the Mevalonate Kinase and Dysregulating UPR. Biomolecules, 2020, 10, 586.	1.8	5
110	Activation of p53/p21waf1 pathway is associated with senescence during v-Ha-ras transformation of immortal C2C12 myoblasts. Anticancer Research, 2000, 20, 3497-502.	0.5	3
111	170: A novel Zn(II)-compound reactivates mutant p53 protein in cancer cells: molecular mechanisms and therapeutical implications. European Journal of Cancer, 2014, 50, S38.	1.3	0
112	Clearing mutant p53 with natural compounds: implication for anticancer therapeutical approaches. European Journal of Cancer, 2016, 61, S148.	1.3	0