

Wafik S El-Deiry

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

387
papers

37,614
citations

86
h-index

189
g-index

551
ext. papers

42,378
ext. citations

7.8
avg, IF

7.35
L-index

#	Paper	IF	Citations
387	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
386	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	10.2	2783
385	A mammalian cell cycle checkpoint pathway utilizing p53 and GADD45 is defective in ataxia-telangiectasia. <i>Cell</i> , 1992 , 71, 587-97	56.2	2767
384	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
383	Definition of a consensus binding site for p53. <i>Nature Genetics</i> , 1992 , 1, 45-9	36.3	1782
382	Efficacy of Larotrectinib in TRK Fusion-Positive Cancers in Adults and Children. <i>New England Journal of Medicine</i> , 2018 , 378, 731-739	59.2	1285
381	KILLER/DR5 is a DNA damage-inducible p53-regulated death receptor gene. <i>Nature Genetics</i> , 1997 , 17, 141-3	36.3	927
380	Overview of cell death signaling pathways. <i>Cancer Biology and Therapy</i> , 2005 , 4, 139-63	4.6	860
379	FADD: essential for embryo development and signaling from some, but not all, inducers of apoptosis. <i>Science</i> , 1998 , 279, 1954-8	33.3	805
378	Regulation of p53 downstream genes. <i>Seminars in Cancer Biology</i> , 1998 , 8, 345-57	12.7	675
377	TRAIL and apoptosis induction by TNF-family death receptors. <i>Oncogene</i> , 2003 , 22, 8628-33	9.2	663
376	Acoustic separation of circulating tumor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4970-5	11.5	497
375	Arrest of the cell cycle by the tumour-suppressor BRCA1 requires the CDK-inhibitor p21WAF1/Cip1. <i>Nature</i> , 1997 , 389, 187-90	50.4	473
374	P53 and radiation responses. <i>Oncogene</i> , 2003 , 22, 5774-83	9.2	391
373	Targeting apoptosis in cancer therapy. <i>Nature Reviews Clinical Oncology</i> , 2020 , 17, 395-417	19.4	389
372	BRCA1 physically associates with p53 and stimulates its transcriptional activity. <i>Oncogene</i> , 1998 , 16, 1713-21	13.2	372
371	BID regulation by p53 contributes to chemosensitivity. <i>Nature Cell Biology</i> , 2002 , 4, 842-9	23.4	336

370	AP2 inhibits cancer cell growth and activates p21WAF1/CIP1 expression. <i>Nature Genetics</i> , 1997 , 15, 78-82	36.3	265
369	The role of p53 in chemosensitivity and radiosensitivity. <i>Oncogene</i> , 2003 , 22, 7486-95	9.2	254
368	Cell surface Death Receptor signaling in normal and cancer cells. <i>Seminars in Cancer Biology</i> , 2003 , 13, 135-47	12.7	250
367	Reduction of TRAIL-induced Mcl-1 and cIAP2 by c-Myc or sorafenib sensitizes resistant human cancer cells to TRAIL-induced death. <i>Cancer Cell</i> , 2007 , 12, 66-80	24.3	226
366	p21WAF1 and tumorigenesis: 20 years after. <i>Current Opinion in Oncology</i> , 2013 , 25, 52-8	4.2	221
365	The myc-miR-17~92 axis blunts TGF{beta} signaling and production of multiple TGF{beta}-dependent antiangiogenic factors. <i>Cancer Research</i> , 2010 , 70, 8233-46	10.1	218
364	Isolation and characterization of the cDNA encoding human DNA methyltransferase. <i>Nucleic Acids Research</i> , 1992 , 20, 2287-91	20.1	214
363	Proteasome-dependent regulation of p21WAF1/CIP1 expression. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 227, 564-9	3.4	212
362	ER stress regulates myeloid-derived suppressor cell fate through TRAIL-R-mediated apoptosis. <i>Journal of Clinical Investigation</i> , 2014 , 124, 2626-39	15.9	209
361	Direct repression of FLIP expression by c-myc is a major determinant of TRAIL sensitivity. <i>Molecular and Cellular Biology</i> , 2004 , 24, 8541-55	4.8	208
360	Silencing of the novel p53 target gene Snk/Plk2 leads to mitotic catastrophe in paclitaxel (taxol)-exposed cells. <i>Molecular and Cellular Biology</i> , 2003 , 23, 5556-71	4.8	191
359	Potential role for cathepsin D in p53-dependent tumor suppression and chemosensitivity. <i>Oncogene</i> , 1998 , 16, 2177-83	9.2	189
358	Dual inactivation of Akt and ERK by TIC10 signals Foxo3a nuclear translocation, TRAIL gene induction, and potent antitumor effects. <i>Science Translational Medicine</i> , 2013 , 5, 171ra17	17.5	188
357	Critical role for Daxx in regulating Mdm2. <i>Nature Cell Biology</i> , 2006 , 8, 855-62	23.4	183
356	Deficient tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) death receptor transport to the cell surface in human colon cancer cells selected for resistance to TRAIL-induced apoptosis. <i>Journal of Biological Chemistry</i> , 2004 , 279, 35829-39	5.4	182
355	Bnip3L is induced by p53 under hypoxia, and its knockdown promotes tumor growth. <i>Cancer Cell</i> , 2004 , 6, 597-609	24.3	180
354	In vitro evaluation of a p53-expressing adenovirus as an anti-cancer drug. <i>International Journal of Cancer</i> , 1996 , 67, 386-92	7.5	171
353	The p53 pathway and apoptosis. <i>Journal of Cellular Physiology</i> , 1999 , 181, 231-9	7	164

352	BRCA1 effects on the cell cycle and the DNA damage response are linked to altered gene expression. <i>Journal of Biological Chemistry</i> , 2000 , 275, 2777-85	5.4	162
351	Defining characteristics of Types I and II apoptotic cells in response to TRAIL. <i>Neoplasia</i> , 2002 , 4, 551-7	6.4	161
350	Targeting tumor suppressor p53 for cancer therapy: strategies, challenges and opportunities. <i>Current Drug Targets</i> , 2014 , 15, 80-9	3	158
349	Inhibition of p53-mediated transactivation and cell cycle arrest by E1A through its p300/CBP-interacting region. <i>Oncogene</i> , 1997 , 14, 1047-57	9.2	155
348	Tissue-specific induction of p53 targets in vivo. <i>Cancer Research</i> , 2002 , 62, 7316-27	10.1	155
347	p21(WAF1) Mediates Cell-Cycle Inhibition, Relevant to Cancer Suppression and Therapy. <i>Cancer Research</i> , 2016 , 76, 5189-91	10.1	143
346	The functional interplay between EGFR overexpression, hTERT activation, and p53 mutation in esophageal epithelial cells with activation of stromal fibroblasts induces tumor development, invasion, and differentiation. <i>Genes and Development</i> , 2007 , 21, 2788-803	12.6	141
345	The antiapoptotic decoy receptor TRID/TRAIL-R3 is a p53-regulated DNA damage-inducible gene that is overexpressed in primary tumors of the gastrointestinal tract. <i>Oncogene</i> , 1999 , 18, 4153-9	9.2	139
344	The bile acid glycochenodeoxycholate induces trail-receptor 2/DR5 expression and apoptosis. <i>Journal of Biological Chemistry</i> , 2001 , 276, 38610-8	5.4	138
343	BRCA1 directs a selective p53-dependent transcriptional response towards growth arrest and DNA repair targets. <i>Molecular and Cellular Biology</i> , 2002 , 22, 4280-92	4.8	134
342	TRAIL-R deficiency in mice promotes susceptibility to chronic inflammation and tumorigenesis. <i>Journal of Clinical Investigation</i> , 2008 , 118, 111-23	15.9	133
341	Requirement of p53 targets in chemosensitization of colonic carcinoma to death ligand therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 15095-100	11.5	132
340	Stabilization of p53 by CP-31398 inhibits ubiquitination without altering phosphorylation at serine 15 or 20 or MDM2 binding. <i>Molecular and Cellular Biology</i> , 2003 , 23, 2171-81	4.8	132
339	Apoptotic threshold is lowered by p53 transactivation of caspase-6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 9492-7	11.5	132
338	Role of oncogenes in resistance and killing by cancer therapeutic agents. <i>Current Opinion in Oncology</i> , 1997 , 9, 79-87	4.2	128
337	Current strategies to target p53 in cancer. <i>Biochemical Pharmacology</i> , 2010 , 80, 724-30	6	127
336	Identification of inhibitors of TRAIL-induced death (ITIDs) in the TRAIL-sensitive colon carcinoma cell line SW480 using a genetic approach. <i>Journal of Biological Chemistry</i> , 2001 , 276, 37879-86	5.4	127
335	p53-independent upregulation of KILLER/DR5 TRAIL receptor expression by glucocorticoids and interferon-gamma. <i>Experimental Cell Research</i> , 2001 , 262, 154-69	4.2	124

334	TRAIL receptor signaling and therapeutics. <i>Expert Opinion on Therapeutic Targets</i> , 2010 , 14, 1091-108	6.4	123
333	Tissue specific expression of p53 target genes suggests a key role for KILLER/DR5 in p53-dependent apoptosis in vivo. <i>Oncogene</i> , 2001 , 20, 4601-12	9.2	120
332	Polymerase delta variants in RER colorectal tumours. <i>Nature Genetics</i> , 1995 , 9, 10-1	36.3	120
331	ONC201 kills solid tumor cells by triggering an integrated stress response dependent on ATF4 activation by specific eIF2 α kinases. <i>Science Signaling</i> , 2016 , 9, ra18	8.8	114
330	The mutant p53-conformation modifying drug, CP-31398, can induce apoptosis of human cancer cells and can stabilize wild-type p53 protein. <i>Cancer Biology and Therapy</i> , 2002 , 1, 47-55	4.6	114
329	Induction of p21(WAF1/CIP1) and inhibition of Cdk2 mediated by the tumor suppressor p16(INK4a). <i>Molecular and Cellular Biology</i> , 1999 , 19, 3916-28	4.8	114
328	p21 (WAF1/CIP1) expression is induced in newly nondividing cells in diverse epithelia and during differentiation of the Caco-2 intestinal cell line. <i>Experimental Cell Research</i> , 1996 , 227, 171-81	4.2	114
327	Small-molecule modulators of p53 family signaling and antitumor effects in p53-deficient human colon tumor xenografts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 11003-8	11.5	113
326	Cell cycle dependent and schedule-dependent antitumor effects of sorafenib combined with radiation. <i>Cancer Research</i> , 2007 , 67, 9443-54	10.1	109
325	Targeting p53 for enhanced radio- and chemo-sensitivity. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009 , 14, 597-606	5.4	106
324	Dysregulation of claudin-7 leads to loss of E-cadherin expression and the increased invasion of esophageal squamous cell carcinoma cells. <i>American Journal of Pathology</i> , 2007 , 170, 709-21	5.8	106
323	The Gfi-1B proto-oncoprotein represses p21WAF1 and inhibits myeloid cell differentiation. <i>Molecular and Cellular Biology</i> , 1998 , 18, 2462-73	4.8	105
322	Mechanisms of apoptosis induced by the synthetic retinoid CD437 in human non-small cell lung carcinoma cells. <i>Oncogene</i> , 1999 , 18, 2357-65	9.2	104
321	Flexible micro spring array device for high-throughput enrichment of viable circulating tumor cells. <i>Clinical Chemistry</i> , 2014 , 60, 323-33	5.5	103
320	Distinct signaling pathways in TRAIL- versus tumor necrosis factor-induced apoptosis. <i>Molecular and Cellular Biology</i> , 2006 , 26, 8136-48	4.8	103
319	Comparative molecular analyses of left-sided colon, right-sided colon, and rectal cancers. <i>Oncotarget</i> , 2017 , 8, 86356-86368	3.3	102
318	Inducible silencing of KILLER/DR5 in vivo promotes bioluminescent colon tumor xenograft growth and confers resistance to chemotherapeutic agent 5-fluorouracil. <i>Cancer Research</i> , 2004 , 64, 6666-72	10.1	101
317	The TRAIL decoy receptor TRUNDD (DcR2, TRAIL-R4) is induced by adenovirus-p53 overexpression and can delay TRAIL-, p53-, and KILLER/DR5-dependent colon cancer apoptosis. <i>Molecular Therapy</i> , 2000 , 1, 130-44	11.7	99

316	Mcl-1: a gateway to TRAIL sensitization. <i>Cancer Research</i> , 2008 , 68, 2062-4	10.1	97
315	The essential role of fibroblasts in esophageal squamous cell carcinoma-induced angiogenesis. <i>Gastroenterology</i> , 2008 , 134, 1981-93	13.3	96
314	What are caspases 3 and 7 doing upstream of the mitochondria?. <i>Cancer Biology and Therapy</i> , 2006 , 5, 763-5	4.6	96
313	Phosphorylation of p21 in G2/M promotes cyclin B-Cdc2 kinase activity. <i>Molecular and Cellular Biology</i> , 2005 , 25, 3364-87	4.8	94
312	Death receptor 5 signaling promotes hepatocyte lipoapoptosis. <i>Journal of Biological Chemistry</i> , 2011 , 286, 39336-48	5.4	93
311	Mxi1 is induced by hypoxia in a HIF-1-dependent manner and protects cells from c-Myc-induced apoptosis. <i>Cancer Biology and Therapy</i> , 2005 , 4, 1285-94	4.6	93
310	Induction of the TRAIL receptor KILLER/DR5 in p53-dependent apoptosis but not growth arrest. <i>Oncogene</i> , 1999 , 18, 6411-8	9.2	93
309	Small-Molecule ONC201/TIC10 Targets Chemotherapy-Resistant Colorectal Cancer Stem-like Cells in an Akt/Foxo3a/TRAIL-Dependent Manner. <i>Cancer Research</i> , 2015 , 75, 1423-32	10.1	92
308	Suppression of caspase-8- and -10-associated RING proteins results in sensitization to death ligands and inhibition of tumor cell growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 6170-5	11.5	92
307	DR5 knockout mice are compromised in radiation-induced apoptosis. <i>Molecular and Cellular Biology</i> , 2005 , 25, 2000-13	4.8	92
306	An integrated, multiparametric flow cytometry chip using "microfluidic drifting" based three-dimensional hydrodynamic focusing. <i>Biomicrofluidics</i> , 2012 , 6, 24113-241139	3.2	88
305	Restoration of p53 to limit tumor growth. <i>Current Opinion in Oncology</i> , 2008 , 20, 90-6	4.2	87
304	The current state of molecular testing in the treatment of patients with solid tumors, 2019. <i>Ca-A Cancer Journal for Clinicians</i> , 2019 , 69, 305-343	220.7	86
303	p73 or p53 directly regulates human p53 transcription to maintain cell cycle checkpoints. <i>Cancer Research</i> , 2006 , 66, 6982-9	10.1	86
302	p21(WAF1/CIP1) inhibits initiator caspase cleavage by TRAIL death receptor DR4. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 269, 179-90	3.4	86
301	Endoplasmic reticulum calcium pool depletion-induced apoptosis is coupled with activation of the death receptor 5 pathway. <i>Oncogene</i> , 2002 , 21, 2623-33	9.2	85
300	Discovery and clinical introduction of first-in-class imipridone ONC201. <i>Oncotarget</i> , 2016 , 7, 74380-74393	3.3	83
299	HIF-1 signaling in drug resistance to chemotherapy. <i>Current Medicinal Chemistry</i> , 2014 , 21, 3021-8	4.3	81

298	Frequent hypermethylation of the 5PCpG island of the mitotic stress checkpoint gene Chfr in colorectal and non-small cell lung cancer. <i>Carcinogenesis</i> , 2003 , 24, 47-51	4.6	79
297	Welcoming Paul Dent as Assistant Editor-in-Chief of Cancer Biology & Therapy. <i>Cancer Biology and Therapy</i> , 2013 , 14, 773-773	4.6	78
296	First-in-Human Clinical Trial of Oral ONC201 in Patients with Refractory Solid Tumors. <i>Clinical Cancer Research</i> , 2017 , 23, 4163-4169	12.9	77
295	Targeting TRAIL in the treatment of cancer: new developments. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 1171-85	6.4	77
294	GAMT, a p53-inducible modulator of apoptosis, is critical for the adaptive response to nutrient stress. <i>Molecular Cell</i> , 2009 , 36, 379-92	17.6	76
293	Clinical Cancer Advances 2017: Annual Report on Progress Against Cancer From the American Society of Clinical Oncology. <i>Journal of Clinical Oncology</i> , 2017 , 35, 1341-1367	2.2	75
292	Epidermal growth factor receptor regulates aberrant expression of insulin-like growth factor-binding protein 3. <i>Cancer Research</i> , 2004 , 64, 7711-23	10.1	75
291	TRAIL receptor deletion in mice suppresses the inflammation of nutrient excess. <i>Journal of Hepatology</i> , 2015 , 62, 1156-63	13.4	73
290	Imaging and oncologic drug development. <i>Journal of Clinical Oncology</i> , 2006 , 24, 3261-73	2.2	73
289	Differentiation of normal skin and melanoma using high resolution hyperspectral imaging. <i>Cancer Biology and Therapy</i> , 2006 , 5, 1033-8	4.6	73
288	BRCA1 transcriptionally regulates damaged DNA binding protein (DDB2) in the DNA repair response following UV-irradiation. <i>Cancer Biology and Therapy</i> , 2002 , 1, 177-86	4.6	73
287	Bioluminescent molecular imaging of endogenous and exogenous p53-mediated transcription in vitro and in vivo using an HCT116 human colon carcinoma xenograft model. <i>Cancer Biology and Therapy</i> , 2003 , 2, 196-202	4.6	72
286	Identification and enumeration of circulating tumor cells in the cerebrospinal fluid of breast cancer patients with central nervous system metastases. <i>Oncotarget</i> , 2011 , 2, 752-60	3.3	68
285	Effects of low confluency, serum starvation and hypoxia on the side population of cancer cell lines. <i>Cell Cycle</i> , 2007 , 6, 2554-62	4.7	68
284	Death induction by recombinant native TRAIL and its prevention by a caspase 9 inhibitor in primary human esophageal epithelial cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 40044-52	5.4	68
283	Small-Molecule NSC59984 Restores p53 Pathway Signaling and Antitumor Effects against Colorectal Cancer via p73 Activation and Degradation of Mutant p53. <i>Cancer Research</i> , 2015 , 75, 3842-52	10.1	67
282	Regulation of programmed cell death by the p53 pathway. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 615, 201-21	3.6	67
281	Regulation of the human TRAIL gene. <i>Cancer Biology and Therapy</i> , 2012 , 13, 1143-51	4.6	66

280	TNFSF10 (TRAIL), a p53 target gene that mediates p53-dependent cell death. <i>Cancer Biology and Therapy</i> , 2008 , 7, 2034-8	4.6	65
279	p53 and chemosensitivity. <i>Nature Medicine</i> , 1996 , 2, 255-6	50.5	65
278	CDK1 stabilizes HIF-1 α via direct phosphorylation of Ser668 to promote tumor growth. <i>Cell Cycle</i> , 2013 , 12, 3689-701	4.7	64
277	Acridine derivatives activate p53 and induce tumor cell death through Bax. <i>Cancer Biology and Therapy</i> , 2005 , 4, 893-8	4.6	64
276	BRCA1 augments transcription by the NF-kappaB transcription factor by binding to the Rel domain of the p65/RelA subunit. <i>Journal of Biological Chemistry</i> , 2003 , 278, 26333-41	5.4	63
275	Chemotherapy-resistant side-population of colon cancer cells has a higher sensitivity to TRAIL than the non-SP, a higher expression of c-Myc and TRAIL-receptor DR4. <i>Cancer Biology and Therapy</i> , 2007 , 6, 1490-5	4.6	62
274	Tat-binding protein-1, a component of the 26S proteasome, contributes to the E3 ubiquitin ligase function of the von Hippel-Lindau protein. <i>Nature Genetics</i> , 2003 , 35, 229-37	36.3	62
273	BRCA1 signals ARF-dependent stabilization and coactivation of p53. <i>Oncogene</i> , 1999 , 18, 6605-14	9.2	62
272	CARPs are ubiquitin ligases that promote MDM2-independent p53 and phospho-p53ser20 degradation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 3273-81	5.4	60
271	Myc-transformed epithelial cells down-regulate clusterin, which inhibits their growth in vitro and carcinogenesis in vivo. <i>Cancer Research</i> , 2004 , 64, 3126-36	10.1	59
270	Molecular profiling of 6,892 colorectal cancer samples suggests different possible treatment options specific to metastatic sites. <i>Cancer Biology and Therapy</i> , 2015 , 16, 1726-37	4.6	58
269	Invincible, but not invisible: imaging approaches toward in vivo detection of cancer stem cells. <i>Journal of Clinical Oncology</i> , 2008 , 26, 2901-10	2.2	57
268	Role of Dopamine Receptors in the Anticancer Activity of ONC201. <i>Neoplasia</i> , 2018 , 20, 80-91	6.4	57
267	The p53 target Plk2 interacts with TSC proteins impacting mTOR signaling, tumor growth and chemosensitivity under hypoxic conditions. <i>Cell Cycle</i> , 2009 , 8, 4168-75	4.7	56
266	Application of 3D tumoroid systems to define immune and cytotoxic therapeutic responses based on tumoroid and tissue slice culture molecular signatures. <i>Oncotarget</i> , 2017 , 8, 66747-66757	3.3	55
265	Pioglitazone inhibits growth of carcinoid cells and promotes TRAIL-induced apoptosis by induction of p21waf1/cip1. <i>Digestion</i> , 2001 , 64, 75-80	3.6	55
264	Enhanced Sensitivity of G1 Arrested Human Cancer Cells Suggests a Novel Therapeutic Strategy Using a Combination of Simvastatin and TRAIL. <i>Cell Cycle</i> , 2002 , 1, 79-86	4.7	55
263	The relative contribution of pro-apoptotic p53-target genes in the triggering of apoptosis following DNA damage in vitro and in vivo. <i>Cell Cycle</i> , 2011 , 10, 2380-9	4.7	54

262	CARP-2 is an endosome-associated ubiquitin ligase for RIP and regulates TNF-induced NF-kappaB activation. <i>Current Biology</i> , 2008 , 18, 641-9	6.3	54
261	Microarray analysis of p53 target gene expression patterns in the spleen and thymus in response to ionizing radiation. <i>Cancer Biology and Therapy</i> , 2003 , 2, 431-43	4.6	53
260	Structural and functional basis for therapeutic modulation of p53 signaling. <i>Clinical Cancer Research</i> , 2008 , 14, 6376-86	12.9	50
259	KILLER/DR5, a novel DNA-damage inducible death receptor gene, links the p53-tumor suppressor to caspase activation and apoptotic death. <i>Advances in Experimental Medicine and Biology</i> , 2000 , 465, 143-51	3.6	50
258	Checkpoint genes in cancer. <i>Annals of Medicine</i> , 2001 , 33, 113-22	1.5	50
257	Human colon cancer stem cells are enriched by insulin-like growth factor-1 and are sensitive to figitumumab. <i>Cell Cycle</i> , 2011 , 10, 2331-8	4.7	49
256	Bioluminescent imaging of TRAIL-induced apoptosis through detection of caspase activation following cleavage of DEVD-aminoluciferin. <i>Cancer Biology and Therapy</i> , 2005 , 4, 885-92	4.6	49
255	Prodigiosin rescues deficient p53 signaling and antitumor effects via upregulating p73 and disrupting its interaction with mutant p53. <i>Cancer Research</i> , 2014 , 74, 1153-65	10.1	48
254	Gamma-radiation (GR) triggers a unique gene expression profile associated with cell death compared to proton radiation (PR) in mice in vivo. <i>Cancer Biology and Therapy</i> , 2008 , 7, 2023-33	4.6	48
253	p53-Dependent and p53-independent induction of insulin-like growth factor binding protein-3 by deoxyribonucleic acid damage and hypoxia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 3568-74	5.6	48
252	Repression of BRCA1 through a feedback loop involving p53. <i>Journal of Biological Chemistry</i> , 2000 , 275, 31869-75	5.4	48
251	Identification of TRAIL-inducing compounds highlights small molecule ONC201/TIC10 as a unique anti-cancer agent that activates the TRAIL pathway. <i>Molecular Cancer</i> , 2015 , 14, 99	42.1	47
250	Acute overexpression of wt p53 facilitates anticancer drug-induced death of cancer and normal cells. <i>International Journal of Cancer</i> , 1998 , 75, 933-40	7.5	47
249	Circulating Tumor Cells and Colorectal Cancer. <i>Current Colorectal Cancer Reports</i> , 2010 , 6, 212-220	1	46
248	Replication stress, defective S-phase checkpoint and increased death in Plk2-deficient human cancer cells. <i>Cell Cycle</i> , 2007 , 6, 2571-8	4.7	46
247	Clinical implication of p53 mutation in lung cancer. <i>Molecular Biotechnology</i> , 2003 , 24, 141-56	3	46
246	Identification and characterization of the cytoplasmic protein TRAF4 as a p53-regulated proapoptotic gene. <i>Journal of Biological Chemistry</i> , 2003 , 278, 36435-44	5.4	46
245	Recommended Guidelines for Validation, Quality Control, and Reporting of Variants in Clinical Practice. <i>Cancer Research</i> , 2017 , 77, 1250-1260	10.1	45

244	Activating FOXO3a, NF-kappaB and p53 by targeting IKKs: an effective multi-faceted targeting of the tumor-cell phenotype?. <i>Cancer Biology and Therapy</i> , 2004 , 3, 614-6	4.6	45
243	Small-Molecule Prodigiosin Restores p53 Tumor Suppressor Activity in Chemoresistant Colorectal Cancer Stem Cells via c-Jun-Mediated p73 Inhibition and p73 Activation. <i>Cancer Research</i> , 2016 , 76, 1989-99	10.1	43
242	Multispectral fluorescence imaging. <i>Journal of Nuclear Medicine</i> , 2009 , 50, 1563-6	8.9	43
241	Quinacrine sensitizes hepatocellular carcinoma cells to TRAIL and chemotherapeutic agents. <i>Cancer Biology and Therapy</i> , 2011 , 12, 229-38	4.6	43
240	Stroma formation and angiogenesis by overexpression of growth factors, cytokines, and proteolytic enzymes in human skin grafted to SCID mice. <i>Journal of Investigative Dermatology</i> , 2003 , 120, 683-92	4.3	43
239	Circulating tumor cell isolation during resection of colorectal cancer lung and liver metastases: a prospective trial with different detection techniques. <i>Cancer Biology and Therapy</i> , 2015 , 16, 699-708	4.6	42
238	Protective effects of dietary antioxidants on proton total-body irradiation-mediated hematopoietic cell and animal survival. <i>Radiation Research</i> , 2009 , 172, 175-86	3.1	42
237	Circulating Tumor Cells Versus Circulating Tumor DNA in Colorectal Cancer: Pros and Cons. <i>Current Colorectal Cancer Reports</i> , 2016 , 12, 151-161	1	42
236	Death domain mutagenesis of KILLER/DR5 reveals residues critical for apoptotic signaling. <i>Journal of Biological Chemistry</i> , 2001 , 276, 14939-45	5.4	40
235	TRAIL inactivates the mitotic checkpoint and potentiates death induced by microtubule-targeting agents in human cancer cells. <i>Cancer Research</i> , 2008 , 68, 3440-9	10.1	38
234	Dose intensification of TRAIL-inducing ONC201 inhibits metastasis and promotes intratumoral NK cell recruitment. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2325-2338	15.9	38
233	DR5 receptor mediates anoikis in human colorectal carcinoma cell lines. <i>Cancer Research</i> , 2008 , 68, 909-117	10.1	37
232	Enhanced sensitivity of G1 arrested human cancer cells suggests a novel therapeutic strategy using a combination of simvastatin and TRAIL. <i>Cell Cycle</i> , 2002 , 1, 82-9	4.7	37
231	Preclinical evaluation of the imipridone family, analogs of clinical stage anti-cancer small molecule ONC201, reveals potent anti-cancer effects of ONC212. <i>Cell Cycle</i> , 2017 , 16, 1790-1799	4.7	36
230	ONC201 and imipridones: Anti-cancer compounds with clinical efficacy. <i>Neoplasia</i> , 2020 , 22, 725-744	6.4	36
229	Quinacrine synergizes with 5-fluorouracil and other therapies in colorectal cancer. <i>Cancer Biology and Therapy</i> , 2011 , 12, 239-51	4.6	36
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