Lin Zhang

List of Publications by Year in Descending Order

154 papers	27,297 citations	61 h-index	161 g-index
161 ext. papers	29,931 ext. citations	9.8 avg, IF	6.56 L-index

#	Paper	IF	Citations
154	Targeting Myc-driven stress vulnerability in mutant KRAS colorectal cancer.. *Molecular Biomedicine*, **2022**, 3, 10	3.1	0
153	Role of Receptor Interacting Protein (RIP) kinases in cancer. *Genes and Diseases*, **2021**,	6.6	0
152	Interferon b drives intestinal regeneration after radiation. *Science Advances*, **2021**, 7, eabi5253	14.3	4
151	BET protein degradation triggers DR5-mediated immunogenic cell death to suppress colorectal cancer and potentiate immune checkpoint blockade. *Oncogene*, **2021**, 40, 6566-6578	9.2	2
150	Non-coding RNA-mediated autophagy in cancer: A protumor or antitumor factor?. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2021**, 1876, 188642	11.2	2
149	A novel immunochemotherapy based on targeting of cyclooxygenase and induction of immunogenic cell death. *Biomaterials*, **2021**, 270, 120708	15.6	5
148	Glucose deprivation-induced endoplasmic reticulum stress response plays a pivotal role in enhancement of TRAIL cytotoxicity. *Journal of Cellular Physiology*, **2021**, 236, 6666-6677	7	2
147	Non-steroidal anti-inflammatory drugs induce immunogenic cell death in suppressing colorectal tumorigenesis. *Oncogene*, **2021**, 40, 2035-2050	9.2	6
146	Immunogenic cell death in colon cancer prevention and therapy. *Molecular Carcinogenesis*, **2020**, 59, 783-793	5	24
145	miR-22 protect PC12 from ischemia/reperfusion-induced injury by targeting p53 upregulated modulator of apoptosis (PUMA). *Bioengineered*, **2020**, 11, 209-218	5.7	12
144	RIP1 promotes proliferation through G2/M checkpoint progression and mediates cisplatin-induced apoptosis and necroptosis in human ovarian cancer cells. *Acta Pharmacologica Sinica*, **2020**, 41, 1223-1233	8	9
143	Deletion of the Impg2 gene causes the degeneration of rod and cone cells in mice. *Human Molecular Genetics*, **2020**, 29, 1624-1634	5.6	1
142	eIF4E S209 phosphorylation licenses myc- and stress-driven oncogenesis. *ELife*, **2020**, 9,	8.9	7
141	Long noncoding RNA PiHL regulates p53 protein stability through GRWD1/RPL11/MDM2 axis in colorectal cancer. *Theranostics*, **2020**, 10, 265-280	12.1	26
140	Epigenetic Regulation of RIP3 Suppresses Necroptosis and Increases Resistance to Chemotherapy in NonSmall Cell Lung Cancer. *Translational Oncology*, **2020**, 13, 372-382	4.9	13
139	High Loading of Hydrophobic and Hydrophilic Agents via Small Immunostimulatory Carrier for Enhanced Tumor Penetration and Combinational Therapy. *Theranostics*, **2020**, 10, 1136-1150	12.1	10
138	Immunotherapy efficacy on mismatch repair-deficient colorectal cancer: From bench to bedside. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2020**, 1874, 188447	11.2	29

137	Mcl-1 inhibition overcomes intrinsic and acquired regorafenib resistance in colorectal cancer. *Theranostics*, **2020**, 10, 8098-8110	12.1	21
136	Super-resolution imaging reveals the evolution of higher-order chromatin folding in early carcinogenesis. *Nature Communications*, **2020**, 11, 1899	17.4	27
135	Preparation of human hair keratin/calcium alginate blend films. *Ferroelectrics*, **2019**, 547, 27-36	0.6	
134	BET Inhibitors Potentiate Chemotherapy and Killing of -Mutant Colon Cancer Cells via Induction of DR5. *Cancer Research*, **2019**, 79, 1191-1203	10.1	23
133	Vitamin D3 activates the autolysosomal degradation function against Helicobacter pylori through the PDIA3 receptor in gastric epithelial cells. *Autophagy*, **2019**, 15, 707-725	10.2	54
132	p53 Up-regulated Modulator of Apoptosis Induction Mediates Acetaminophen-Induced Necrosis and Liver Injury in Mice. *Hepatology*, **2019**, 69, 2164-2179	11.2	30
131	Colorectal cancer prevention: Immune modulation taking the stage. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2018**, 1869, 138-148	11.2	43
130	The GS-nitroxide JP4-039 improves intestinal barrier and stem cell recovery in irradiated mice. *Scientific Reports*, **2018**, 8, 2072	4.9	16
129	Targeting p53-dependent stem cell loss for intestinal chemoprotection. *Science Translational Medicine*, **2018**, 10,	17.5	30
128	PUMA amplifies necroptosis signaling by activating cytosolic DNA sensors. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 3930-3935	11.5	83
127	Restoring PUMA induction overcomes KRAS-mediated resistance to anti-EGFR antibodies in colorectal cancer. *Oncogene*, **2018**, 37, 4599-4610	9.2	23
126	Novel smac mimetic APG-1387 elicits ovarian cancer cell killing through TNF-alpha, Ripoptosome and autophagy mediated cell death pathway. *Journal of Experimental and Clinical Cancer Research*, **2018**, 37, 53	12.8	17
125	A novel small molecule inhibitor of MDM2-p53 (APG-115) enhances radiosensitivity of gastric adenocarcinoma. *Journal of Experimental and Clinical Cancer Research*, **2018**, 37, 97	12.8	24
124	Mcl-1 Phosphorylation without Degradation Mediates Sensitivity to HDAC Inhibitors by Liberating BH3-Only Proteins. *Cancer Research*, **2018**, 78, 4704-4715	10.1	42
123	Immunogenic effects of chemotherapy-induced tumor cell death. *Genes and Diseases*, **2018**, 5, 194-203	6.6	127
122	Mcl-1 Degradation Is Required for Targeted Therapeutics to Eradicate Colon Cancer Cells. *Cancer Research*, **2017**, 77, 2512-2521	10.1	96
121	-Dependent Mcl-1 Degradation Mediates the Anticancer Effect of Hsp90 Inhibitors. *Molecular Cancer Therapeutics*, **2017**, 16, 1979-1988	6.1	52
120	Combination of wogonin and sorafenib effectively kills human hepatocellular carcinoma cells through apoptosis potentiation and autophagy inhibition. *Oncology Letters*, **2017**, 13, 5028-5034	2.6	27

119	Salidroside attenuates hypoxia-induced pulmonary arterial smooth muscle cell proliferation and apoptosis resistance by upregulating autophagy through the AMPK-mTOR-ULK1 pathway. *BMC Pulmonary Medicine*, **2017**, 17, 191	3.5	47
118	Erythrocyte Membrane-Wrapped pH Sensitive Polymeric Nanoparticles for Non-Small Cell Lung Cancer Therapy. *Bioconjugate Chemistry*, **2017**, 28, 2591-2598	6.3	28
117	The Tumor Suppressor p53 Limits Ferroptosis by Blocking DPP4 Activity. *Cell Reports*, **2017**, 20, 1692-1704	8.6	313
116	FBW7 mutations mediate resistance of colorectal cancer to targeted therapies by blocking Mcl-1 degradation. *Oncogene*, **2017**, 36, 787-796	9.2	115
115	Co-targeting translation and proteasome rapidly kills colon cancer cells with mutant RAS/RAF via ER stress. *Oncotarget*, **2017**, 8, 9280-9292	3.3	9
114	Inhibition of autophagy by bafilomycin A1 promotes chemosensitivity of gastric cancer cells. *Tumor Biology*, **2016**, 37, 653-9	2.9	33
113	mTOR inhibitors induce apoptosis in colon cancer cells via CHOP-dependent DR5 induction on 4E-BP1 dephosphorylation. *Oncogene*, **2016**, 35, 148-57	9.2	55
112	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
111	Necroptosis: an alternative cell death program defending against cancer. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2016**, 1865, 228-36	11.2	67
110	Inhibition of CDK4/6 protects against radiation-induced intestinal injury in mice. *Journal of Clinical Investigation*, **2016**, 126, 4076-4087	15.9	58
109	BRAFV600E-dependent Mcl-1 stabilization leads to everolimus resistance in colon cancer cells. *Oncotarget*, **2016**, 7, 47699-47710	3.3	45
108	Propofol inhibits growth and invasion of pancreatic cancer cells through regulation of the miR-21/Slug signaling pathway. *American Journal of Translational Research (discontinued)*, **2016**, 8, 4120-4133	3	38
107	Circular RNA-ITCH Suppresses Lung Cancer Proliferation via Inhibiting the Wnt/β-Catenin Pathway. *BioMed Research International*, **2016**, 2016, 1579490	3	236
106	5-Fluorouracil upregulates cell surface B7-H1 (PD-L1) expression in gastrointestinal cancers **2016**, 4, 65		66
105	Apelin-13 attenuates traumatic brain injury-induced damage by suppressing autophagy. *Neurochemical Research*, **2015**, 40, 89-97	4.6	42
104	Autophagy Mediates HBx-Induced Nuclear Factor-κB Activation and Release of IL-6, IL-8, and CXCL2 in Hepatocytes. *Journal of Cellular Physiology*, **2015**, 230, 2382-9	7	42
103	Loss of caspase-3 sensitizes colon cancer cells to genotoxic stress via RIP1-dependent necrosis. *Cell Death and Disease*, **2015**, 6, e1729	9.8	30
102	Pharmacologically blocking p53-dependent apoptosis protects intestinal stem cells and mice from radiation. *Scientific Reports*, **2015**, 5, 8566	4.9	55

101	Vertical suppression of the EGFR pathway prevents onset of resistance in colorectal cancers. *Nature Communications*, **2015**, 6, 8305	17.4	80
100	Dihydrotanshinone I induced apoptosis and autophagy through caspase dependent pathway in colon cancer. *Phytomedicine*, **2015**, 22, 1079-87	6.5	49
99	Mutant KRAS as a critical determinant of the therapeutic response of colorectal cancer. *Genes and Diseases*, **2015**, 2, 4-12	6.6	70
98	Amphiphilic sugar poly(orthoesters) as pH-responsive nanoscopic assemblies for acidity-enhanced drug delivery and cell killing. *Chemical Communications*, **2015**, 51, 13078-81	5.8	21
97	Fibulin-5 inhibits Wnt/-catenin signaling in lung cancer. *Oncotarget*, **2015**, 6, 15022-34	3.3	37
96	BID mediates selective killing of APC-deficient cells in intestinal tumor suppression by nonsteroidal antiinflammatory drugs. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 16520-5	11.5	18
95	Role of AMP-activated protein kinase in cross-talk between apoptosis and autophagy in human colon cancer. *Cell Death and Disease*, **2014**, 5, e1504	9.8	39
94	A functional genomic approach identifies FAL1 as an oncogenic long noncoding RNA that associates with BMI1 and represses p21 expression in cancer. *Cancer Cell*, **2014**, 26, 344-357	24.3	303
93	Aurora kinase inhibition induces PUMA via NF-B to kill colon cancer cells. *Molecular Cancer Therapeutics*, **2014**, 13, 1298-308	6.1	24
92	Synthesis of clickable amphiphilic polysaccharides as nanoscopic assemblies. *Chemical Communications*, **2014**, 50, 12742-5	5.8	3
91	Receptor interactive protein kinase 3 promotes Cisplatin-triggered necrosis in apoptosis-resistant esophageal squamous cell carcinoma cells. *PLoS ONE*, **2014**, 9, e100127	3.7	28
90	MicroRNA-21 Down-regulates Rb1 Expression by Targeting PDCD4 in Retinoblastoma. *Journal of Cancer*, **2014**, 5, 804-12	4.5	29
89	Regorafenib inhibits colorectal tumor growth through PUMA-mediated apoptosis. *Clinical Cancer Research*, **2014**, 20, 3472-84	12.9	76
88	Ionizing irradiation induces acute haematopoietic syndrome and gastrointestinal syndrome independently in mice. *Nature Communications*, **2014**, 5, 3494	17.4	58
87	Fibulin-3 suppresses Wnt/-catenin signaling and lung cancer invasion. *Carcinogenesis*, **2014**, 35, 1707-16	4.6	49
86	Role of Bcl-xL/Beclin-1 in interplay between apoptosis and autophagy in oxaliplatin and bortezomib-induced cell death. *Biochemical Pharmacology*, **2014**, 88, 178-88	6	43
85	TAp73 promotes cell survival upon genotoxic stress by inhibiting p53 activity. *Oncotarget*, **2014**, 5, 8107-22	3.3	25
84	Role of apoptosis in colon cancer biology, therapy, and prevention. *Current Colorectal Cancer Reports*, **2013**, 9, 331	1	63

83	An apoptosis-independent role of SMAC in tumor suppression. *Oncogene*, **2013**, 32, 2380-9	9.2	10
82	PEG-farnesylthiosalicylate conjugate as a nanomicellar carrier for delivery of paclitaxel. *Bioconjugate Chemistry*, **2013**, 24, 464-72	6.3	45
81	Crizotinib induces PUMA-dependent apoptosis in colon cancer cells. *Molecular Cancer Therapeutics*, **2013**, 12, 777-86	6.1	24
80	Targeting Bax interaction sites reveals that only homo-oligomerization sites are essential for its activation. *Cell Death and Differentiation*, **2013**, 20, 744-54	12.7	33
79	Hsp90 inhibitors promote p53-dependent apoptosis through PUMA and Bax. *Molecular Cancer Therapeutics*, **2013**, 12, 2559-68	6.1	38
78	ADAR1 is essential for intestinal homeostasis and stem cell maintenance. *Cell Death and Disease*, **2013**, 4, e599	9.8	50
77	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	11.2	2783
76	The multi-targeted kinase inhibitor sunitinib induces apoptosis in colon cancer cells via PUMA. *PLoS ONE*, **2012**, 7, e43158	3.7	31
75	p53/HMGB1 complexes regulate autophagy and apoptosis. *Cancer Research*, **2012**, 72, 1996-2005	10.1	181
74	Inhibiting oncogenic signaling by sorafenib activates PUMA via GSK3 and NF-B to suppress tumor cell growth. *Oncogene*, **2012**, 31, 4848-58	9.2	53
73	Investigation of nuclear nano-morphology marker as a biomarker for cancer risk assessment using a mouse model. *Journal of Biomedical Optics*, **2012**, 17, 066014	3.5	6
72	p53 and PUMA independently regulate apoptosis of intestinal epithelial cells in patients and mice with colitis. *Gastroenterology*, **2011**, 141, 1036-45	13.3	53
71	Wogonin, an active ingredient of Chinese herb medicine Scutellaria baicalensis, inhibits the mobility and invasion of human gallbladder carcinoma GBC-SD cells by inducing the expression of maspin. *Journal of Ethnopharmacology*, **2011**, 137, 1373-80	5	44
70	Development of small-molecule PUMA inhibitors for mitigating radiation-induced cell death. *Current Topics in Medicinal Chemistry*, **2011**, 11, 281-90	3	49
69	Catalase suppression-mediated H(2)O(2) accumulation in cancer cells by wogonin effectively blocks tumor necrosis factor-induced NF-B activation and sensitizes apoptosis. *Cancer Science*, **2011**, 102, 870-6	6.9	34
68	PUMA-mediated apoptosis drives chemical hepatocarcinogenesis in mice. *Hepatology*, **2011**, 54, 1249-58	11.2	68
67	Following cytochrome c release, autophagy is inhibited during chemotherapy-induced apoptosis by caspase 8-mediated cleavage of Beclin 1. *Cancer Research*, **2011**, 71, 3625-34	10.1	116
66	Cleaving Beclin 1 to suppress autophagy in chemotherapy-induced apoptosis. *Autophagy*, **2011**, 7, 1239-41	10.2	21

65	Uncoupling p53 functions in radiation-induced intestinal damage via PUMA and p21. *Molecular Cancer Research*, **2011**, 9, 616-25	6.6	87
64	Role of Smac in determining the chemotherapeutic response of esophageal squamous cell carcinoma. *Clinical Cancer Research*, **2011**, 17, 5412-22	12.9	30
63	Smac modulates chemosensitivity in head and neck cancer cells through the mitochondrial apoptotic pathway. *Clinical Cancer Research*, **2011**, 17, 2361-72	12.9	22
62	PUMA-mediated intestinal epithelial apoptosis contributes to ulcerative colitis in humans and mice. *Journal of Clinical Investigation*, **2011**, 121, 1722-32	15.9	138
61	Growth factors protect intestinal stem cells from radiation-induced apoptosis by suppressing PUMA through the PI3K/AKT/p53 axis. *Oncogene*, **2010**, 29, 1622-32	9.2	104
60	IRF-1 transcriptionally upregulates PUMA, which mediates the mitochondrial apoptotic pathway in IRF-1-induced apoptosis in cancer cells. *Cell Death and Differentiation*, **2010**, 17, 699-709	12.7	61
59	Nanoscale nuclear architecture for cancer diagnosis beyond pathology via spatial-domain low-coherence quantitative phase microscopy. *Journal of Biomedical Optics*, **2010**, 15, 066028	3.5	37
58	p53 up-regulated modulator of apoptosis (PUMA) activation contributes to pancreatic beta-cell apoptosis induced by proinflammatory cytokines and endoplasmic reticulum stress. *Journal of Biological Chemistry*, **2010**, 285, 19910-20	5.4	100
57	Chemoprevention by nonsteroidal anti-inflammatory drugs eliminates oncogenic intestinal stem cells via SMAC-dependent apoptosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 20027-32	11.5	81
56	PUMA induction by FoxO3a mediates the anticancer activities of the broad-range kinase inhibitor UCN-01. *Molecular Cancer Therapeutics*, **2010**, 9, 2893-902	6.1	52
55	Ligand-independent antiapoptotic function of estrogen receptor-beta in lung cancer cells. *Molecular Endocrinology*, **2010**, 24, 1737-47		54
54	An insight into statistical refractive index properties of cell internal structure via low-coherence statistical amplitude microscopy. *Optics Express*, **2010**, 18, 21950-8	3.3	14
53	Deletion of Puma protects hematopoietic stem cells and confers long-term survival in response to high-dose gamma-irradiation. *Blood*, **2010**, 115, 3472-80	2.2	106
52	Fibulin-5 suppresses lung cancer invasion by inhibiting matrix metalloproteinase-7 expression. *Cancer Research*, **2009**, 69, 6339-46	10.1	77
51	PUMA suppresses intestinal tumorigenesis in mice. *Cancer Research*, **2009**, 69, 4999-5006	10.1	40
50	Hypoxia-mediated regulation of Cdc25A phosphatase by p21 and miR-21. *Cell Cycle*, **2009**, 8, 3157-64	4.7	38
49	microRNA-21 negatively regulates Cdc25A and cell cycle progression in colon cancer cells. *Cancer Research*, **2009**, 69, 8157-65	10.1	256
48	PUMA is directly activated by NF-kappaB and contributes to TNF-alpha-induced apoptosis. *Cell Death and Differentiation*, **2009**, 16, 1192-202	12.7	130

47	PUMA mediates EGFR tyrosine kinase inhibitor-induced apoptosis in head and neck cancer cells. *Oncogene*, **2009**, 28, 2348-57	9.2	55
46	Transcriptional Regulation of Apoptosis **2009**, 239-260		3
45	PUMA, a potent killer with or without p53. *Oncogene*, **2008**, 27 Suppl 1, S71-83	9.2	403
44	Role of p53, PUMA, and Bax in wogonin-induced apoptosis in human cancer cells. *Biochemical Pharmacology*, **2008**, 75, 2020-33	6	97
43	PUMA regulates intestinal progenitor cell radiosensitivity and gastrointestinal syndrome. *Cell Stem Cell*, **2008**, 2, 576-83	18	172
42	Anti-cancer effects of JKA97 are associated with its induction of cell apoptosis via a Bax-dependent and p53-independent pathway. *Journal of Biological Chemistry*, **2008**, 283, 8624-33	5.4	29
41	Selection against PUMA gene expression in Myc-driven B-cell lymphomagenesis. *Molecular and Cellular Biology*, **2008**, 28, 5391-402	4.8	118
40	NSAIDs downregulate Bcl-X(L) and dissociate BAX and Bcl-X(L) to induce apoptosis in colon cancer cells. *Nutrition and Cancer*, **2008**, 60 Suppl 1, 98-103	2.8	16
39	PINCH-1 regulates the ERK-Bim pathway and contributes to apoptosis resistance in cancer cells. *Journal of Biological Chemistry*, **2008**, 283, 2508-17	5.4	60
38	Downregulation of Dkk3 activates beta-catenin/TCF-4 signaling in lung cancer. *Carcinogenesis*, **2008**, 29, 84-92	4.6	134
37	Sp1 and p73 activate PUMA following serum starvation. *Carcinogenesis*, **2008**, 29, 1878-84	4.6	69
36	SMAC mimetics sensitize nonsteroidal anti-inflammatory drug-induced apoptosis by promoting caspase-3-mediated cytochrome c release. *Cancer Research*, **2008**, 68, 276-84	10.1	31
35	SMAC/Diablo mediates the proapoptotic function of PUMA by regulating PUMA-induced mitochondrial events. *Oncogene*, **2007**, 26, 4189-98	9.2	71
34	Frequent inactivation of RAMP2, EFEMP1 and Dutt1 in lung cancer by promoter hypermethylation. *Clinical Cancer Research*, **2007**, 13, 4336-44	12.9	75
33	p53 independent induction of PUMA mediates intestinal apoptosis in response to ischaemia-reperfusion. *Gut*, **2007**, 56, 645-54	19.2	81
32	A coordinated action of Bax, PUMA, and p53 promotes MG132-induced mitochondria activation and apoptosis in colon cancer cells. *Molecular Cancer Therapeutics*, **2007**, 6, 1062-9	6.1	74
31	The nuclear function of p53 is required for PUMA-mediated apoptosis induced by DNA damage. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 4054-9	11.5	118
30	BH3 mimetics to improve cancer therapy; mechanisms and examples. *Drug Resistance Updates*, **2007**, 10, 207-17	23.2	105

29	Administration of PUMA adenovirus increases the sensitivity of esophageal cancer cells to anticancer drugs. *Cancer Biology and Therapy*, **2006**, 5, 380-5	4.6	35
28	PUMA sensitizes lung cancer cells to chemotherapeutic agents and irradiation. *Clinical Cancer Research*, **2006**, 12, 2928-36	12.9	85
27	PUMA Dissociates Bax and Bcl-X(L) to induce apoptosis in colon cancer cells. *Journal of Biological Chemistry*, **2006**, 281, 16034-42	5.4	145
26	Regulation of PUMA-alpha by p53 in cisplatin-induced renal cell apoptosis. *Oncogene*, **2006**, 25, 4056-66	9.2	166
25	The transcriptional targets of p53 in apoptosis control. *Biochemical and Biophysical Research Communications*, **2005**, 331, 851-8	3.4	589
24	SMAC/Diablo-dependent apoptosis induced by nonsteroidal antiinflammatory drugs (NSAIDs) in colon cancer cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 16897-902	11.5	62
23	Sulforaphane-induced G2/M phase cell cycle arrest involves checkpoint kinase 2-mediated phosphorylation of cell division cycle 25C. *Journal of Biological Chemistry*, **2004**, 279, 25813-22	5.4	282
22	Apoptosis in human cancer cells. *Current Opinion in Oncology*, **2004**, 16, 19-24	4.2	71
21	PUMA mediates the apoptotic response to p53 in colorectal cancer cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 1931-6	11.5	490
20	Screening poly [dA/dT(-)] cDNA for gene identification. *Methods in Molecular Biology*, **2003**, 221, 197-205	1.4	
19	No PUMA, no death: implications for p53-dependent apoptosis. *Cancer Cell*, **2003**, 4, 248-9	24.3	155
18	A high-affinity conformation of Hsp90 confers tumour selectivity on Hsp90 inhibitors. *Nature*, **2003**, 425, 407-10	50.4	1166
17	Differential apoptotic response to the proteasome inhibitor Bortezomib [VELCADE, PS-341] in Bax-deficient and p21-deficient colon cancer cells. *Cancer Biology and Therapy*, **2003**, 2, 694-9	4.6	40
16	Single-sperm typing. *Current Protocols in Human Genetics*, **2002**, Chapter 1, Unit 1.6	3.2	3
15	Serial analysis of gene expression in the frontal cortex of patients with bipolar disorder. *British Journal of Psychiatry*, **2001**, 41, s137-41	5.4	48
14	PUMA induces the rapid apoptosis of colorectal cancer cells. *Molecular Cell*, **2001**, 7, 673-82	17.6	1046
13	The mRNA of L-type calcium channel elevated in colon cancer: protein distribution in normal and cancerous colon. *American Journal of Pathology*, **2000**, 157, 1549-62	5.8	92
12	Role of BAX in the apoptotic response to anticancer agents. *Science*, **2000**, 290, 989-92	33.3	767

11	Identification and classification of p53-regulated genes. *Proceedings of the National Academy of Sciences of the United States of America*, **1999**, 96, 14517-22	11.5	386
10	Analysis of human transcriptomes. *Nature Genetics*, **1999**, 23, 387-8	36.3	639
9	The mutation properties of spinal and bulbar muscular atrophy disease alleles. *Neurogenetics*, **1998**, 1, 249-52	3	9
8	14-3-3sigma is a p53-regulated inhibitor of G2/M progression. *Molecular Cell*, **1997**, 1, 3-11	17.6	1062
7	Characterization of the yeast transcriptome. *Cell*, **1997**, 88, 243-51	56.2	924
6	CAG repeat length variation in sperm from a patient with Kennedy's disease. *Human Molecular Genetics*, **1995**, 4, 303-5	5.6	50
5	Male mice defective in the DNA mismatch repair gene PMS2 exhibit abnormal chromosome synapsis in meiosis. *Cell*, **1995**, 82, 309-19	56.2	466
4	Serial analysis of gene expression. *Science*, **1995**, 270, 484-7	33.3	3670
3	Single sperm analysis of the trinucleotide repeats in the Huntington's disease gene: quantification of the mutation frequency spectrum. *Human Molecular Genetics*, **1995**, 4, 1519-26	5.6	171
2	Studying human mutations by sperm typing: instability of CAG trinucleotide repeats in the human androgen receptor gene. *Nature Genetics*, **1994**, 7, 531-5	36.3	99
1	Whole genome amplification from a single cell: implications for genetic analysis. *Proceedings of the National Academy of Sciences of the United States of America*, **1992**, 89, 5847-51	11.5	783