

Mehmet ztrk

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.

113
papers

7,350
citations

42
h-index

85
g-index

121
ext. papers

7,763
ext. citations

7.1
avg, IF

5.15
L-index

#	Paper	IF	Citations
113	Selective G to T mutations of p53 gene in hepatocellular carcinoma from southern Africa. <i>Nature</i> , 1991 , 350, 429-31	50.4	1185
112	p53 functions as a cell cycle control protein in osteosarcomas. <i>Molecular and Cellular Biology</i> , 1990 , 10, 5772-81	4.8	719
111	p53 mutation in hepatocellular carcinoma after aflatoxin exposure. <i>Lancet, The</i> , 1991 , 338, 1356-9	4.0	387
110	Identification of BTG2, an antiproliferative p53-dependent component of the DNA damage cellular response pathway. <i>Nature Genetics</i> , 1996 , 14, 482-6	36.3	346
109	Abnormal structure and expression of p53 gene in human hepatocellular carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 1973-7	11.5	343
108	p53 functions as a cell cycle control protein in osteosarcomas. <i>Molecular and Cellular Biology</i> , 1990 , 10, 5772-5781	4.8	271
107	Identification of genes induced by BRCA1 in breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 299, 839-46	3.4	188
106	Selective targeting of p53 gene mutational hotspots in human cancers by etiologically defined carcinogens. <i>Cancer Research</i> , 1991 , 51, 6185-9	10.1	178
105	Human MLH1 deficiency predisposes to hematological malignancy and neurofibromatosis type 1. <i>Cancer Research</i> , 1999 , 59, 290-3	10.1	155
104	Transforming growth factor-beta induces senescence in hepatocellular carcinoma cells and inhibits tumor growth. <i>Hepatology</i> , 2010 , 52, 966-74	11.2	154
103	Evaluation of cytotoxicity and oxidative DNA damaging effects of di(2-ethylhexyl)-phthalate (DEHP) and mono(2-ethylhexyl)-phthalate (MEHP) on MA-10 Leydig cells and protection by selenium. <i>Toxicology and Applied Pharmacology</i> , 2010 , 248, 52-62	4.6	144
102	Canonical Wnt signaling is antagonized by noncanonical Wnt5a in hepatocellular carcinoma cells. <i>Molecular Cancer</i> , 2009 , 8, 90	42.1	143
101	Smad2 and Smad4 gene mutations in hepatocellular carcinoma. <i>Oncogene</i> , 1999 , 18, 4879-83	9.2	143
100	Genetic aspects of hepatocellular carcinogenesis. <i>Seminars in Liver Disease</i> , 1999 , 19, 235-42	7.3	141
99	Genetic heterogeneity of hepatocellular carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 822-6	11.5	138
98	Systems medicine and integrated care to combat chronic noncommunicable diseases. <i>Genome Medicine</i> , 2011 , 3, 43	14.4	137
97	Physiological studies of human chorionic gonadotropin (hCG), alpha hCG, and beta hCG as measured by specific monoclonal immunoradiometric assays. <i>Endocrinology</i> , 1987 , 120, 549-58	4.8	134

96	Retinoblastoma and p53 tumor suppressor genes in human hepatoma cell lines. <i>FASEB Journal</i> , 1993 , 7, 1407-13	0.9	115
95	PATIKA: an integrated visual environment for collaborative construction and analysis of cellular pathways. <i>Bioinformatics</i> , 2002 , 18, 996-1003	7.2	114
94	The Exon 13 Duplication in the BRCA1 Gene Is a Founder Mutation Present in Geographically Diverse Populations. <i>American Journal of Human Genetics</i> , 2000 , 67, 207-212	11	89
93	P53 mutation as a source of aberrant beta-catenin accumulation in cancer cells. <i>Oncogene</i> , 2002 , 21, 7974-80	9.20	80
92	Expression profiling of Wnt pathway genes in breast cancer. <i>Breast Cancer Research</i> , 2005 , 7, 1	8.3	78
91	Genetics and epigenetics of liver cancer. <i>New Biotechnology</i> , 2013 , 30, 381-4	6.4	76
90	Hepatocarcinoma-specific mutant p53-249ser induces mitotic activity but has no effect on transforming growth factor beta 1-mediated apoptosis. <i>Cancer Research</i> , 1994 , 54, 2064-8	10.1	72
89	The major histocompatibility complex class I antigen-binding protein p88 is the product of the calnexin gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 8452-6	11.5	71
88	Annexin II up-regulates cellular levels of p11 protein by a post-translational mechanisms. <i>Biochemical Journal</i> , 1996 , 313 (Pt 1), 51-5	3.8	67
87	Enhanced expression of the protein kinase substrate p36 in human hepatocellular carcinoma. <i>Molecular and Cellular Biology</i> , 1990 , 10, 3216-23	4.8	67
86	Enhanced expression of an exocrine pancreatic protein in Alzheimer's disease and the developing human brain. <i>Journal of Clinical Investigation</i> , 1990 , 86, 1004-13	15.9	63
85	Differential production of human chorionic gonadotropin and free subunits in gestational trophoblastic disease. <i>American Journal of Obstetrics and Gynecology</i> , 1988 , 158, 193-8	6.4	61
84	Lithium-mediated downregulation of PKB/Akt and cyclin E with growth inhibition in hepatocellular carcinoma cells. <i>International Journal of Cancer</i> , 2005 , 115, 903-10	7.5	59
83	Senescence and immortality in hepatocellular carcinoma. <i>Cancer Letters</i> , 2009 , 286, 103-13	9.9	57
82	Acquired expression of transcriptionally active p73 in hepatocellular carcinoma cells. <i>Oncogene</i> , 2001 , 20, 5111-7	9.2	56
81	Elevated levels of an exocrine pancreatic secretory protein in Alzheimer disease brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 419-23	11.5	55
80	Reprogramming of replicative senescence in hepatocellular carcinoma-derived cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 2178-83	11.5	50
79	Aflatoxin genotoxicity is associated with a defective DNA damage response bypassing p53 activation. <i>Liver International</i> , 2011 , 31, 561-71	7.9	49

78	Identification of epitopes associated with hCG and the beta hCG carboxyl terminus by monoclonal antibodies produced against a synthetic peptide. <i>Journal of Immunology</i> , 1985 , 134, 457-64	5.3	47
77	Thymidine dinucleotides induce S phase cell cycle arrest in addition to increased melanogenesis in human melanocytes. <i>Journal of Investigative Dermatology</i> , 1998 , 111, 472-7	4.3	45
76	p53-mediated cellular response to DNA damage in cells with replicative hepatitis B virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 1342-6	11.5	45
75	Common telomerase reverse transcriptase promoter mutations in hepatocellular carcinomas from different geographical locations. <i>World Journal of Gastroenterology</i> , 2015 , 21, 311-7	5.6	44
74	Induction of ROS, p53, p21 in DEHP- and MEHP-exposed LNCaP cells-protection by selenium compounds. <i>Food and Chemical Toxicology</i> , 2011 , 49, 1565-71	4.7	44
73	Genome-wide transcriptional reorganization associated with senescence-to-immortality switch during human hepatocellular carcinogenesis. <i>PLoS ONE</i> , 2013 , 8, e64016	3.7	43
72	ras, p53 and HPV status in benign and malignant prostate tumors. <i>International Journal of Cancer</i> , 1995 , 64, 124-9	7.5	43
71	Abnormal maternal serum levels of human chorionic gonadotropin free subunits in trisomy 18. <i>American Journal of Medical Genetics Part A</i> , 1990 , 36, 480-3		41
70	Cell-surface changes associated with transformation of human hepatocytes to the malignant phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988 , 85, 3140-4	11.5	38
69	Sensitive and specific assay for human chorionic gonadotropin (hCG) based on anti-peptide and anti-hCG monoclonal antibodies: construction and clinical implications. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986 , 63, 1319-27	5.6	38
68	Acquired tolerance of hepatocellular carcinoma cells to selenium deficiency: a selective survival mechanism?. <i>Cancer Research</i> , 2003 , 63, 6707-15	10.1	38
67	Inhibition of Akt signaling in hepatoma cells induces apoptotic cell death independent of Akt activation status. <i>Investigational New Drugs</i> , 2011 , 29, 1303-13	4.3	35
66	The effects of cytokines on human chorionic gonadotropin (hCG) production by a trophoblast cell line. <i>Journal of Reproductive Immunology</i> , 1993 , 25, 235-47	4.2	35
65	Somatic mutations of von Hippel-Lindau (VHL) tumor-suppressor gene in European kidney cancers. <i>International Journal of Cancer</i> , 1995 , 63, 660-4	7.5	33
64	In vivo expression of two novel tumor-associated antigens and their use in immunolocalization of human hepatocellular carcinoma. <i>Hepatology</i> , 1989 , 9, 625-34	11.2	30
63	p21(WAF1/CIP1) response to genotoxic agents in wild-type TP53 expressing breast primary tumours. <i>Oncogene</i> , 1997 , 14, 45-52	9.2	28
62	Liver cancer cells are sensitive to Lanatoside C induced cell death independent of their PTEN status. <i>Phytomedicine</i> , 2016 , 23, 42-51	6.5	26
61	Homozygosity at variant MLH1 can lead to secondary mutation in NF1, neurofibromatosis type I and early onset leukemia. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008 , 637, 209-14	3.3	25

60	Physiological studies of human chorionic gonadotropin and free subunits in the amniotic fluid compartment compared to those in maternal serum. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988 , 67, 1117-21	5.6	25
59	Novel anti-HER2 monoclonal antibodies: synergy and antagonism with tumor necrosis factor- α <i>BMC Cancer</i> , 2012 , 12, 450	4.8	23
58	First-trimester maternal serum alpha-fetoprotein and human chorionic gonadotropin screening for chromosome defects. <i>Prenatal Diagnosis</i> , 1990 , 10, 575-81	3.2	23
57	Germ line BRCA1 and BRCA2 gene mutations in Turkish breast cancer patients. <i>European Journal of Cancer</i> , 2000 , 36, 2076-82	7.5	22
56	Synergistic activity of vorinostat combined with gefitinib but not with sorafenib in mutant KRAS human non-small cell lung cancers and hepatocarcinoma. <i>OncoTargets and Therapy</i> , 2016 , 9, 6843-6855	4.4	22
55	Enhanced expression of the protein kinase substrate p36 in human hepatocellular carcinoma. <i>Molecular and Cellular Biology</i> , 1990 , 10, 3216-3223	4.8	21
54	Development of a novel zebrafish xenograft model in ache mutants using liver cancer cell lines. <i>Scientific Reports</i> , 2018 , 8, 1570	4.9	20
53	Genomic stability and wild-type p53 function of lymphoblastoid cells with germ-line p53 mutation. <i>Oncogene</i> , 1995 , 10, 2447-54	9.2	18
52	p53 as a growth suppressor gene in HBV-related hepatocellular carcinoma cells. <i>Oncogene</i> , 1993 , 8, 487-90	9.0	18
51	A monoclonal antibody against a synthetic peptide is specific for the free native human chorionic gonadotropin beta-subunit. <i>Endocrinology</i> , 1984 , 115, 330-6	4.8	17
50	Redundant expression of canonical Wnt ligands in human breast cancer cell lines. <i>Oncology Reports</i> , 2006 , 15, 701	3.5	16
49	Analysis of the Wnt/B-catenin/TCF4 pathway using SAGE, genome-wide microarray and promoter analysis: Identification of BRI3 and HSF2 as novel targets. <i>Cellular Signalling</i> , 2010 , 22, 1523-35	4.9	15
48	Radioimmunolocation of hepatic and pulmonary metastasis of human colon adenocarcinoma. <i>Gastroenterology</i> , 1989 , 96, 1317-29	13.3	15
47	The ability to generate senescent progeny as a mechanism underlying breast cancer cell heterogeneity. <i>PLoS ONE</i> , 2010 , 5, e11288	3.7	15
46	Germline hMSH2 and hMLH1 gene mutations in incomplete HNPCC families. <i>International Journal of Cancer</i> , 1997 , 73, 831-6	7.5	14
45	NAPO as a novel marker for apoptosis. <i>Journal of Cell Biology</i> , 2001 , 155, 719-24	7.3	14
44	Role of Fanconi anemia/BRCA pathway genes in hepatocellular carcinoma chemoresistance. <i>Hepatology Research</i> , 2016 , 46, 1264-1274	5.1	14
43	Ectopic beta-human chorionic gonadotropin production by a human hepatoma cell line (FOCUS): isolation and immunochemical characterization. <i>Endocrinology</i> , 1987 , 120, 559-66	4.8	13

42	Molecular characterization of a full genome Turkish hepatitis C virus 1b isolate (HCV-TR1): a predominant viral form in Turkey. <i>Virus Genes</i> , 2002 , 25, 169-77	2.3	11
41	Mdm2 Snp309 G allele displays high frequency and inverse correlation with somatic P53 mutations in hepatocellular carcinoma. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010 , 684, 106-8	3.3	10
40	p53 mutations as fingerprints of environmental carcinogens. <i>Pure and Applied Chemistry</i> , 2000 , 72, 995-999		10
39	Thiazolidinedione or Rhodanine: A Study on Synthesis and Anticancer Activity Comparison of Novel Thiazole Derivatives. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2017 , 20, 415-427	3.4	9
38	Stability of monoclonal antibody-defined epitopes. <i>Journal of Immunological Methods</i> , 1991 , 139, 55-64	2.5	9
37	Methionine metabolism and ultrastructural changes with D-galactosamine in isolated rat hepatocytes. <i>Chemico-Biological Interactions</i> , 1984 , 51, 63-76	5	9
36	Phenacyl group containing amide derivative of dehydroabietylamine exhibiting enhanced cytotoxic activity against PLC and MCF7 cancer cell lines. <i>Medicinal Chemistry Research</i> , 2017 , 26, 1367-1376	2.2	8
35	Characterization of a malignant phenotype-associated cell surface glycoprotein common to various human tumor cells and preferentially expressed on adenocarcinoma of the lung. <i>Cancer Research</i> , 1989 , 49, 1349-56	10.1	7
34	TAp73 Can Promote Hepatocellular Carcinoma Dedifferentiation. <i>Cancers</i> , 2021 , 13,	6.6	7
33	Novel Furochromone Derivatives: Synthesis and Anticancer Activity Studies. <i>Journal of Heterocyclic Chemistry</i> , 2019 , 56, 1341-1351	1.9	6
32	Identification and characterization of a Mr 50,000 adrenal protein in human hepatocellular carcinoma. <i>Cancer Research</i> , 1989 , 49, 6764-73	10.1	6
31	Two novel mutations in the MEN1 gene in subjects with multiple endocrine neoplasia-1. <i>Journal of Endocrinological Investigation</i> , 2006 , 29, 523-7	5.2	5
30	A monoclonal antibody against DNA binding helix of p53 protein. <i>Oncogene</i> , 2001 , 20, 1398-401	9.2	5
29	p53 mutations in nonmalignant human liver: fingerprints of aflatoxins?. <i>Hepatology</i> , 1995 , 21, 600-1	11.2	5
28	Changes in methionine metabolism induced by D-galactosamine in isolated rat hepatocytes. <i>Biochemical Pharmacology</i> , 1986 , 35, 4223-8	6	5
27	Immunization with UV-induced apoptotic cells generates monoclonal antibodies against proteins differentially expressed in hepatocellular carcinoma cell lines. <i>Hybridoma</i> , 2007 , 26, 55-61		4
26	A brother and sister with Werner's syndrome demonstrating extensive tendon calcification and sacroiliitis. <i>Clinical and Experimental Dermatology</i> , 2006 , 31, 615-6	1.8	4
25	P53 but not p16INK4a induces growth arrest in retinoblastoma-deficient hepatocellular carcinoma cells. <i>Journal of Hepatology</i> , 2000 , 33, 254-65	13.4	4

24	Human chorionic gonadotropin, its free subunits and gestational trophoblastic disease. <i>Journal of reproductive medicine, The</i> , 1991 , 36, 21-6		4
23	Histone H3.3 regulates mitotic progression in mouse embryonic fibroblasts. <i>Biochemistry and Cell Biology</i> , 2017 , 95, 491-499	3.6	3
22	Molecular Pathogenesis of Liver Cancer. <i>Journal of Gastrointestinal Cancer</i> , 2017 , 48, 222-224	1.6	3
21	Nuclear exclusion of p33ING1b tumor suppressor protein: explored in HCC cells using a new highly specific antibody. <i>Hybridoma</i> , 2009 , 28, 1-6		3
20	The presence of erythropoietin receptor in parathyroid cells. <i>Journal of Endocrinological Investigation</i> , 2007 , 30, RC35-7	5.2	3
19	Genomic instability in colorectal cancers in Turkey. <i>International Journal of Cancer</i> , 1996 , 68, 291-4	7.5	3
18	Differential expression of full-length and NH terminally truncated FAM134B isoforms in normal physiology and cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 319, G733-G747	5.1	3
17	Synthesis and bio-molecular study of (+)-N-Acetyl-β-amino acid dehydroabietylamine derivative for the selective therapy of hepatocellular carcinoma. <i>BMC Cancer</i> , 2016 , 16, 883	4.8	3
16	Geographic variation of p53 mutational profile in nonmalignant human liver Aguilar F, Harris CC, Sun T, Hollstein M, Cerutti P. <i>Science</i> 1994;264:1317-1319. <i>Hepatology</i> , 1995 , 21, 600-601	11.2	2
15	A simple radioactivity assay for measurement of methionine adenosyltransferase activity by aqueous chromatography. <i>Clinica Chimica Acta</i> , 1983 , 127, 295-300	6.2	2
14	AXL Knock-Out in SNU475 Hepatocellular Carcinoma Cells Provides Evidence for Lethal Effect Associated with G2 Arrest and Polyploidization.. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
13	A novel chromonyl thiohydantoin with anti-proliferative action on primary hepatocellular carcinoma cells. <i>Medicinal Chemistry Research</i> , 2018 , 27, 153-160	2.2	1
12	Molecular Mechanisms of Hepatocellular Carcinoma 2016 , 43-63		1
11	Dose- and time-dependent expression patterns of zebrafish orthologs of selected E2F target genes in response to serum starvation/replenishment. <i>Molecular Biology Reports</i> , 2011 , 38, 4111-23	2.8	1
10	A new set of monoclonal antibodies directed to proline-rich and central regions of p53. <i>Hybridoma</i> , 2004 , 23, 287-92		1
9	Epidermoid cyst of the testicle: unusual magnetic resonance imaging findings. <i>Acta Radiologica</i> , 2004 , 45, 882-4	2	1
8	Evaluation of ATAD2 as a Potential Target in Hepatocellular Carcinoma. <i>Journal of Gastrointestinal Cancer</i> , 2021 , 1	1.6	0
7	Systematic Analysis of Cytostatic TGF-Beta Response in Mesenchymal-Like Hepatocellular Carcinoma Cell Lines. <i>Journal of Gastrointestinal Cancer</i> , 2021 , 1	1.6	0

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- 5 Synthetic peptides and monoclonal antibodies of predetermined specificity in the study of human chorionic gonadotropin. *International Journal of Radiation Applications and Instrumentation Part B, Nuclear Medicine and Biology*, **1987**, 14, 295-304
- 4 TAp73 is Upregulated in the Most Common Human Cancers. *Molecular Biology*, 1 1.2
- 3 Targeting c-Met and AXL Crosstalk for the Treatment of Hepatocellular Carcinoma **2021**, 333-364
- 2 Synthesis and characterization of amino acid conjugates of oleanolic acid and their in vitro cytotoxic effect on HCC cell lines. *Pakistan Journal of Pharmaceutical Sciences*, **2014**, 27, 1491-6 0.4
- 1 Comparative evaluation of in vitro cytotoxic effects among parent abietyl alcohol and novel fatty acid ester derivatives against MCF7 and hepatocellular carcinoma cell lines. *Pakistan Journal of Pharmaceutical Sciences*, **2014**, 27, 2013-8 0.4