

# Mehmet Aytürk

## List of Publications by Year in descending order

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118  
papers

8,360  
citations

61984

43  
h-index

45317

90  
g-index

121  
all docs

121  
docs citations

121  
times ranked

7740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective G to T mutations of p53 gene in hepatocellular carcinoma from southern Africa. <i>Nature</i> , 1991, 350, 429-431.	27.8	1,356
2	p53 functions as a cell cycle control protein in osteosarcomas.. <i>Molecular and Cellular Biology</i> , 1990, 10, 5772-5781.	2.3	779
3	p53 mutation in hepatocellular carcinoma after aflatoxin exposure. <i>Lancet, The</i> , 1991, 338, 1356-1359.	13.7	436
4	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, 1973-1977.	7.1	386
5	Identification of BTG2, an antiproliferative p53-dependent component of the DNA damage cellular response pathway. <i>Nature Genetics</i> , 1996, 14, 482-486.	21.4	384
6	p53 Functions as a Cell Cycle Control Protein in Osteosarcomas. <i>Molecular and Cellular Biology</i> , 1990, 10, 5772-5781.	2.3	324
7	Selective targeting of p53 gene mutational hotspots in human cancers by etiologically defined carcinogens. <i>Cancer Research</i> , 1991, 51, 6185-9.	0.9	194
8	Identification of genes induced by BRCA1 in breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 299, 839-846.	2.1	193
9	Transforming growth factor-beta induces senescence in hepatocellular carcinoma cells and inhibits tumor growth. <i>Hepatology</i> , 2010, 52, 966-974.	7.3	192
10	Systems medicine and integrated care to combat chronic noncommunicable diseases. <i>Genome Medicine</i> , 2011, 3, 43.	8.2	181
11	Human MLH1 deficiency predisposes to hematological malignancy and neurofibromatosis type 1. <i>Cancer Research</i> , 1999, 59, 290-3.	0.9	179
12	Canonical Wnt signaling is antagonized by noncanonical Wnt5a in hepatocellular carcinoma cells. <i>Molecular Cancer</i> , 2009, 8, 90.	19.2	171
13	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.	2.8	171
14	Genetic Aspects of Hepatocellular Carcinogenesis. <i>Seminars in Liver Disease</i> , 1999, 19, 235-242.	3.6	170
15	Genetic heterogeneity of hepatocellular carcinoma.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 822-826.	7.1	156
16	Smad2 and Smad4 gene mutations in hepatocellular carcinoma. <i>Oncogene</i> , 1999, 18, 4879-4883.	5.9	156
17	Physiological Studies of Human Chorionic Gonadotropin (hCG), $\hat{I}\pm$ hCG, and $\hat{I}^2$ hCG as Measured by Specific Monoclonal Immunoradiometric Assays*. <i>Endocrinology</i> , 1987, 120, 549-558.	2.8	155
18	PATIKA: an integrated visual environment for collaborative construction and analysis of cellular pathways. <i>Bioinformatics</i> , 2002, 18, 996-1003.	4.1	135

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19	Retinoblastoma and p53 tumor suppressor genes in human hepatoma cell lines. FASEB Journal, 1993, 7, 1407-1413.	0.5	123
20	The Exon 13 Duplication in the BRCA1 Gene Is a Founder Mutation Present in Geographically Diverse Populations. American Journal of Human Genetics, 2000, 67, 207-212.	6.2	100
21	p53 mutation as a source of aberrant $\beta$ -catenin accumulation in cancer cells. Oncogene, 2002, 21, 7971-7980.	5.9	93
22	Genetics and epigenetics of liver cancer. New Biotechnology, 2013, 30, 381-384.	4.4	83
23	The major histocompatibility complex class I antigen-binding protein p88 is the product of the calnexin gene.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 8452-8456.	7.1	80
24	Annexin II up-regulates cellular levels of p11 protein by a post-translational mechanisms. Biochemical Journal, 1996, 313, 51-55.	3.7	78
25	Hepatocarcinoma-specific mutant p53-249ser induces mitotic activity but has no effect on transforming growth factor beta 1-mediated apoptosis. Cancer Research, 1994, 54, 2064-8.	0.9	78
26	Enhanced expression of an exocrine pancreatic protein in Alzheimer's disease and the developing human brain.. Journal of Clinical Investigation, 1990, 86, 1004-1013.	8.2	76
27	Senescence and immortality in hepatocellular carcinoma. Cancer Letters, 2009, 286, 103-113.	7.2	72
28	Enhanced expression of the protein kinase substrate p36 in human hepatocellular carcinoma.. Molecular and Cellular Biology, 1990, 10, 3216-3223.	2.3	71
29	Differential production of human chorionic gonadotropin and free subunits in gestational trophoblastic disease. American Journal of Obstetrics and Gynecology, 1988, 158, 193-198.	1.3	66
30	Redundant expression of canonical Wnt ligands in human breast cancer cell lines. Oncology Reports, 2006, 15, 701.	2.6	65
31	Aflatoxin genotoxicity is associated with a defective DNA damage response bypassing p53 activation. Liver International, 2011, 31, 561-571.	3.9	64
32	Elevated levels of an exocrine pancreatic secretory protein in Alzheimer disease brain.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 419-423.	7.1	63
33	Lithium-mediated downregulation of PKB/Akt and cyclin E with growth inhibition in hepatocellular carcinoma cells. International Journal of Cancer, 2005, 115, 903-910.	5.1	63
34	Acquired expression of transcriptionally active p73 in hepatocellular carcinoma cells. Oncogene, 2001, 20, 5111-5117.	5.9	61
35	Genome-Wide Transcriptional Reorganization Associated with Senescence-to-Immortality Switch during Human Hepatocellular Carcinogenesis. PLoS ONE, 2013, 8, e64016.	2.5	61
36	Reprogramming of replicative senescence in hepatocellular carcinoma-derived cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2178-2183.	7.1	53

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37	Common telomerase reverse transcriptase promoter mutations in hepatocellular carcinomas from different geographical locations. <i>World Journal of Gastroenterology</i> , 2015, 21, 311.	3.3	53
38	ras, p53 and hpv status in benign and malignant prostate tumors. <i>International Journal of Cancer</i> , 1995, 64, 124-129.	5.1	51
39	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, 1342-1346.	7.1	51
40	Induction of ROS, p53, p21 in DEHP- and MEHP-exposed LNCaP cells-protection by selenium compounds. <i>Food and Chemical Toxicology</i> , 2011, 49, 1565-1571.	3.6	51
41	Thymidine Dinucleotides Induce S Phase Cell Cycle Arrest in Addition to Increased Melanogenesis in Human Melanocytes. <i>Journal of Investigative Dermatology</i> , 1998, 111, 472-477.	0.7	50
42	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.	0.8	50
43	Acquired tolerance of hepatocellular carcinoma cells to selenium deficiency: a selective survival mechanism?. <i>Cancer Research</i> , 2003, 63, 6707-15.	0.9	45
44	Abnormal maternal serum levels of human chorionic gonadotropin free subunits in trisomy 18. <i>American Journal of Medical Genetics Part A</i> , 1990, 36, 480-483.	2.4	43
45	Inhibition of Akt signaling in hepatoma cells induces apoptotic cell death independent of Akt activation status. <i>Investigational New Drugs</i> , 2011, 29, 1303-1313.	2.6	42
46	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, 1319-1327.	3.6	41
47	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, 3140-3144.	7.1	38
48	The effects of cytokines on human chorionic gonadotropin (hCG) production by a trophoblast cell line. <i>Journal of Reproductive Immunology</i> , 1993, 25, 235-247.	1.9	38
49	Somatic mutations of von Hippel-Lindau (VHL) tumor-suppressor gene in european kidney cancers. <i>International Journal of Cancer</i> , 1995, 63, 660-664.	5.1	38
50	Liver cancer cells are sensitive to Lanatoside C induced cell death independent of their PTEN status. <i>Phytomedicine</i> , 2016, 23, 42-51.	5.3	33
51	In Vivo expression of two novel tumor-associated antigens and their use in immunolocalization of human hepatocellular carcinoma. <i>Hepatology</i> , 1989, 9, 625-634.	7.3	31
52	p21WAF1/CIP1 response to genotoxic agents in wild-type TP53 expressing breast primary tumours. <i>Oncogene</i> , 1997, 14, 45-52.	5.9	31
53	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, Volume 9, 6843-6855.	2.0	30
54	Development of a novel zebrafish xenograft model in ache mutants using liver cancer cell lines. <i>Scientific Reports</i> , 2018, 8, 1570.	3.3	29

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55	Homozygosity at variant MLH1 can lead to secondary mutation in NF1, neurofibromatosis type I and early onset leukemia. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 637, 209-214.	1.0	28
56	Physiological Studies of Human Chorionic Gonadotropin and Free Subunits in the Amniotic Fluid Compartment Compared to Those in Maternal Serum*. Journal of Clinical Endocrinology and Metabolism, 1988, 67, 1117-1121.	3.6	27
57	First-trimester maternal serum alpha-fetoprotein and human chorionic gonadotropin screening for chromosome defects. Prenatal Diagnosis, 1990, 10, 575-581.	2.3	26
58	A Monoclonal Antibody against a Synthetic Peptide Is Specific for the Free Native Human Chorionic Gonadotropin $\beta$ -Subunit*. Endocrinology, 1984, 115, 330-336.	2.8	24
59	Novel anti-HER2 monoclonal antibodies: synergy and antagonism with tumor necrosis factor $\alpha$ . BMC Cancer, 2012, 12, 450.	2.6	24
60	Germ line BRCA1 and BRCA2 gene mutations in Turkish breast cancer patients. European Journal of Cancer, 2000, 36, 2076-2082.	2.8	22
61	Enhanced Expression of the Protein Kinase Substrate p36 in Human Hepatocellular Carcinoma. Molecular and Cellular Biology, 1990, 10, 3216-3223.	2.3	21
62	Genomic stability and wild-type p53 function of lymphoblastoid cells with germ-line p53 mutation. Oncogene, 1995, 10, 2447-54.	5.9	19
63	p53 as a growth suppressor gene in HBV-related hepatocellular carcinoma cells. Oncogene, 1993, 8, 487-90.	5.9	19
64	Germline MSH2 and MLH1 gene mutations in incomplete HNPCC families. , 1997, 73, 831-836.		18
65	Thiazolidinedione or Rhodanine: A Study on Synthesis and Anticancer Activity Comparison of Novel Thiazole Derivatives. Journal of Pharmacy and Pharmaceutical Sciences, 2017, 20, 415.	2.1	18
66	Ectopic $\beta$ -Human Chorionic Gonadotropin Production by a Human Hepatoma Cell Line (FOCUS): Isolation and Immunochemical Characterization*. Endocrinology, 1987, 120, 559-566.	2.8	17
67	Radioimmunolocation of Hepatic and Pulmonary Metastasis of Human Colon Adenocarcinoma. Gastroenterology, 1989, 96, 1317-1329.	1.3	17
68	Analysis of the Wnt/ $\beta$ -catenin/TCF4 pathway using SAGE, genome-wide microarray and promoter analysis: Identification of BRI3 and HSF2 as novel targets. Cellular Signalling, 2010, 22, 1523-1535.	3.6	17
69	The Ability to Generate Senescent Progeny as a Mechanism Underlying Breast Cancer Cell Heterogeneity. PLoS ONE, 2010, 5, e11288.	2.5	17
70	Role of Fanconi anemia/BRCA pathway genes in hepatocellular carcinoma chemoresistance. Hepatology Research, 2016, 46, 1264-1274.	3.4	16
71	NAPO as a novel marker for apoptosis. Journal of Cell Biology, 2001, 155, 719-724.	5.2	14
72	Molecular characterization of a full genome Turkish hepatitis C virus 1b isolate (HCV-TR1): a predominant viral form in Turkey. Virus Genes, 2002, 25, 169-177.	1.6	14

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73	p53 mutations as fingerprints of environmental carcinogens. Pure and Applied Chemistry, 2000, 72, 995-999.	1.9	13
74	Methionine metabolism and ultrastructural changes with D-galactosamine in isolated rat hepatocytes. Chemico-Biological Interactions, 1984, 51, 63-76.	4.0	11
75	Stability of monoclonal antibody-defined epitopes. Journal of Immunological Methods, 1991, 139, 55-64.	1.4	11
76	Mdm2 Snp309 G allele displays high frequency and inverse correlation with somatic P53 mutations in hepatocellular carcinoma. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 684, 106-108.	1.0	10
77	TAp73 <sup>Δ2</sup> Can Promote Hepatocellular Carcinoma Dedifferentiation. Cancers, 2021, 13, 783.	3.7	10
78	p53 Mutations in nonmalignant human liver: Fingerprints of aflatoxins?. Hepatology, 1995, 21, 600-601.	7.3	9
79	Histone H3.3 regulates mitotic progression in mouse embryonic fibroblasts. Biochemistry and Cell Biology, 2017, 95, 491-499.	2.0	9
80	Phenacyl group containing amide derivative of dehydroabietylamine exhibiting enhanced cytotoxic activity against PLC and MCF7 cancer cell lines. Medicinal Chemistry Research, 2017, 26, 1367-1376.	2.4	9
81	Novel Furochromone Derivatives: Synthesis and Anticancer Activity Studies. Journal of Heterocyclic Chemistry, 2019, 56, 1341-1351.	2.6	8
82	Differential expression of full-length and NH <sub>2</sub> terminally truncated FAM134B isoforms in normal physiology and cancer. American Journal of Physiology - Renal Physiology, 2020, 319, G733-G747.	3.4	8
83	Changes in methionine metabolism induced by d-galactosamine in isolated rat hepatocytes. Biochemical Pharmacology, 1986, 35, 4223-4228.	4.4	7
84	Two novel mutations in the MEN1 gene in subjects with multiple endocrine neoplasia-1. Journal of Endocrinological Investigation, 2006, 29, 523-527.	3.3	7
85	Characterization of a malignant phenotype-associated cell surface glycoprotein common to various human tumor cells and preferentially expressed on adenocarcinoma of the lung. Cancer Research, 1989, 49, 1349-56.	0.9	7
86	A monoclonal antibody against DNA binding helix of p53 protein. Oncogene, 2001, 20, 1398-1401.	5.9	6
87	Identification and characterization of a Mr 50,000 adrenal protein in human hepatocellular carcinoma. Cancer Research, 1989, 49, 6764-73.	0.9	6
88	The presence of erythropoietin receptor in parathyroid cells. Journal of Endocrinological Investigation, 2007, 30, RC35-RC37.	3.3	5
89	Molecular Pathogenesis of Liver Cancer. Journal of Gastrointestinal Cancer, 2017, 48, 222-224.	1.3	5
90	p53 but not p16 INK4a induces growth arrest in retinoblastoma-deficient hepatocellular carcinoma cells. Journal of Hepatology, 2000, 33, 254-265.	3.7	4

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91	A brother and sister with Werner's syndrome demonstrating extensive tendon calcification and sacroiliitis. <i>Clinical and Experimental Dermatology</i> , 2006, 31, 615-616.	1.3	4
92	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.	0.4	4
93	Nuclear Exclusion of p33ING1b Tumor Suppressor Protein: Explored in HCC Cells Using a New Highly Specific Antibody. <i>Hybridoma</i> , 2009, 28, 1-6.	0.4	4
94	Human chorionic gonadotropin, its free subunits and gestational trophoblastic disease. <i>Journal of reproductive medicine, The</i> , 1991, 36, 21-6.	0.2	4
95	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, 13247.	4.1	4
96	Genomic instability in colorectal cancers in Turkey. , 1996, 68, 291-294.		3
97	Synthesis and bio-molecular study of (+)-N-Acetyl-±-amino acid dehydroabietylamine derivative for the selective therapy of hepatocellular carcinoma. <i>BMC Cancer</i> , 2016, 16, 883.	2.6	3
98	Systematic Analysis of Cytostatic TGF-Beta Response in Mesenchymal-Like Hepatocellular Carcinoma Cell Lines. <i>Journal of Gastrointestinal Cancer</i> , 2021, 52, 1320-1335.	1.3	3
99	A simple radioactivity assay for measurement of methionine adenosyltransferase activity by aqueous chromatography. <i>Clinica Chimica Acta</i> , 1983, 127, 295-300.	1.1	2
100	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.	7.3	2
101	A New Set of Monoclonal Antibodies Directed to Proline-Rich and Central Regions of p53. <i>Hybridoma</i> , 2004, 23, 287-292.	0.4	2
102	Molecular Mechanisms of Hepatocellular Carcinoma. , 2016, , 43-63.		2
103	Evaluation of ATAD2 as a Potential Target in Hepatocellular Carcinoma. <i>Journal of Gastrointestinal Cancer</i> , 2021, 52, 1356-1369.	1.3	2
104	Epidermoid cyst of the testicle: unusual magnetic resonance imaging findings. <i>Acta Radiologica</i> , 2004, 45, 882-884.	1.1	1
105	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, 4111-4123.	2.3	1
106	A novel chromonyl thiohydantoin with anti-proliferative action on primary hepatocellular carcinoma cells. <i>Medicinal Chemistry Research</i> , 2018, 27, 153-160.	2.4	1
107	3D Organoid modelling of hepatoblast-like and mesenchymal-like hepatocellular carcinoma cell lines. , 0, , .		1
108	Synthesis and Studies of Anticancer and Antimicrobial Activity of New Phenylurenyl Chalcone Derivatives. <i>Letters in Drug Design and Discovery</i> , 2022, 19, 500-519.	0.7	1

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109	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.	0.3	0
110	Expression profiling of Wnt pathway genes in breast cancer. Breast Cancer Research, 2005, 7, 1.	5.0	0
111	Genetics and epigenetics of liver cancer. New Biotechnology, 2012, 29, S17-S18.	4.4	0
112	SAT0583â€¦The CASE of â€œCase Reportsâ€ in Rheumatology Literature. Annals of the Rheumatic Diseases, 2014, 73, 801.1-801.	0.9	0
113	Genetics and epigenetics of liver cancer. Toxicology Letters, 2016, 258, S13.	0.8	0
114	Targeting c-Met and AXL Crosstalk for the Treatment of Hepatocellular Carcinoma. , 2021, , 333-364.		0
115	La p53 dans tous ses Ã©tats : compte-rendu du 8e symposium p53. Medecine/Sciences, 1994, 10, 1021.	0.2	0
116	TAp73 is Upregulated in the Most Common Human Cancers. Molecular Biology, 0, , 1.	1.3	0
117	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.	0.2	0
118	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.	0.2	0