Tushar Patel

List of Publications by Citations

185 papers	19,880 citations	65 h-index	140 g-index
202 ext. papers	22,412 ext. citations	7.9 avg, IF	7.05 L-index

#	Paper	IF	Citations
185	MicroRNA-21 regulates expression of the PTEN tumor suppressor gene in human hepatocellular cancer. *Gastroenterology*, **2007**, 133, 647-58	13.3	2243
184	Involvement of human micro-RNA in growth and response to chemotherapy in human cholangiocarcinoma cell lines. *Gastroenterology*, **2006**, 130, 2113-29	13.3	841
183	Guidelines for the diagnosis and management of intrahepatic cholangiocarcinoma. *Journal of Hepatology*, **2014**, 60, 1268-89	13.4	815
182	Vesiclepedia: a compendium for extracellular vesicles with continuous community annotation. *PLoS Biology*, **2012**, 10, e1001450	9.7	800
181	Increasing incidence and mortality of primary intrahepatic cholangiocarcinoma in the United States. *Hepatology*, **2001**, 33, 1353-7	11.2	790
180	Applying extracellular vesicles based therapeutics in clinical trials - an ISEV position paper. *Journal of Extracellular Vesicles*, **2015**, 4, 30087	16.4	722
179	microRNA-29 can regulate expression of the long non-coding RNA gene MEG3 in hepatocellular cancer. *Oncogene*, **2011**, 30, 4750-6	9.2	523
178	The role of proteases during apoptosis. *FASEB Journal*, **1996**, 10, 587-97	0.9	491
177	Intercellular nanovesicle-mediated microRNA transfer: a mechanism of environmental modulation of hepatocellular cancer cell growth. *Hepatology*, **2011**, 54, 1237-48	11.2	417
176	Worldwide trends in mortality from biliary tract malignancies. *BMC Cancer*, **2002**, 2, 10	4.8	357
175	Are common factors involved in the pathogenesis of primary liver cancers? A meta-analysis of risk factors for intrahepatic cholangiocarcinoma. *Journal of Hepatology*, **2012**, 57, 69-76	13.4	321
174	Extracellular vesicle-mediated transfer of long non-coding RNA ROR modulates chemosensitivity in human hepatocellular cancer. *FEBS Open Bio*, **2014**, 4, 458-67	2.7	310
173	Circulating Extracellular Vesicles in Human Disease. *New England Journal of Medicine*, **2018**, 379, 958-966	59.2	307
172	MicroRNA-21 induces resistance to 5-fluorouracil by down-regulating human DNA MutS homolog 2 (hMSH2). *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 21098-103	11.5	295
171	MicroRNA-dependent regulation of DNA methyltransferase-1 and tumor suppressor gene expression by interleukin-6 in human malignant cholangiocytes. *Hepatology*, **2010**, 51, 881-90	11.2	285
170	EVpedia: a community web portal for extracellular vesicles research. *Bioinformatics*, **2015**, 31, 933-9	7.2	256
169	Integrative Genomic Analysis of Cholangiocarcinoma Identifies Distinct IDH-Mutant Molecular Profiles. *Cell Reports*, **2017**, 18, 2780-2794	10.6	247

168	Non-coding RNA in hepatocellular carcinoma: Mechanisms, biomarkers and therapeutic targets. *Journal of Hepatology*, **2017**, 67, 603-618	13.4	245
167	Role of microRNA-155 at early stages of hepatocarcinogenesis induced by choline-deficient and amino acid-defined diet in C57BL/6 mice. *Hepatology*, **2009**, 50, 1152-61	11.2	245
166	Cholangiocarcinoma--controversies and challenges. *Nature Reviews Gastroenterology and Hepatology*, **2011**, 8, 189-200	24.2	244
165	Extracellular Vesicle-Mediated Transfer of a Novel Long Noncoding RNA TUC339: A Mechanism of Intercellular Signaling in Human Hepatocellular Cancer. *Genes and Cancer*, **2013**, 4, 261-72	2.9	230
164	A randomized, double-blinded, placebo-controlled multicenter trial of etanercept in the treatment of alcoholic hepatitis. *Gastroenterology*, **2008**, 135, 1953-60	13.3	229
163	Reduced C9orf72 gene expression in c9FTD/ALS is caused by histone trimethylation, an epigenetic event detectable in blood. *Acta Neuropathologica*, **2013**, 126, 895-905	14.3	217
162	Cholangiocarcinoma. *Nature Reviews Gastroenterology & Hepatology*, **2006**, 3, 33-42		210
161	Increases of intracellular magnesium promote glycodeoxycholate-induced apoptosis in rat hepatocytes. *Journal of Clinical Investigation*, **1994**, 94, 2183-92	15.9	209
160	Involvement of extracellular vesicle long noncoding RNA (linc-VLDLR) in tumor cell responses to chemotherapy. *Molecular Cancer Research*, **2014**, 12, 1377-87	6.6	202
159	A novel community driven software for functional enrichment analysis of extracellular vesicles data. *Journal of Extracellular Vesicles*, **2017**, 6, 1321455	16.4	200
158	Apoptosis and hepatobiliary disease. *Hepatology*, **1995**, 21, 1725-41	11.2	195
157	Modulation of hypoxia-signaling pathways by extracellular linc-RoR. *Journal of Cell Science*, **2014**, 127, 1585-94	5.3	192
156	Inhibition of interleukin 6-mediated mitogen-activated protein kinase activation attenuates growth of a cholangiocarcinoma cell line. *Hepatology*, **1999**, 30, 1128-33	11.2	189
155	Expression and functional role of a transcribed noncoding RNA with an ultraconserved element in hepatocellular carcinoma. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 786-91	11.5	186
154	Interleukin-6 contributes to growth in cholangiocarcinoma cells by aberrant promoter methylation and gene expression. *Cancer Research*, **2006**, 66, 10517-24	10.1	185
153	miR-221 silencing blocks hepatocellular carcinoma and promotes survival. *Cancer Research*, **2011**, 71, 7608-16	10.1	182
152	Plasma extracellular RNA profiles in healthy and cancer patients. *Scientific Reports*, **2016**, 6, 19413	4.9	175
151	Apoptosis and hepatobiliary disease*1. *Hepatology*, **1995**, 21, 1725-1741	11.2	163

150	The MicroRNA let-7a modulates interleukin-6-dependent STAT-3 survival signaling in malignant human cholangiocytes. *Journal of Biological Chemistry*, **2007**, 282, 8256-64	5.4	160
149	Development of an aptasensor for electrochemical detection of exosomes. *Methods*, **2016**, 97, 88-93	4.6	155
148	Serum extracellular vesicles contain protein biomarkers for primary sclerosing cholangitis and cholangiocarcinoma. *Hepatology*, **2017**, 66, 1125-1143	11.2	148
147	Ceramide induces hepatocyte cell death through disruption of mitochondrial function in the rat. *Hepatology*, **1997**, 25, 958-63	11.2	147
146	exRNA Atlas Analysis Reveals Distinct Extracellular RNA Cargo Types and Their Carriers Present across Human Biofluids. *Cell*, **2019**, 177, 463-477.e15	56.2	144
145	Long noncoding RNA in liver diseases. *Hepatology*, **2014**, 60, 744-53	11.2	144
144	Cardiovascular Safety of Lorcaserin in Overweight or Obese Patients. *New England Journal of Medicine*, **2018**, 379, 1107-1117	59.2	143
143	Long non-coding RNAs as novel targets for therapy in hepatocellular carcinoma. *Pharmacology & Therapeutics*, **2016**, 161, 67-78	13.9	137
142	Dysregulation of apoptosis as a mechanism of liver disease: an overview. *Seminars in Liver Disease*, **1998**, 18, 105-14	7.3	135
141	Utility of the Mayo End-Stage Liver Disease (MELD) score in assessing prognosis of patients with alcoholic hepatitis. *BMC Gastroenterology*, **2002**, 2, 2	3	122
140	Transforming growth factor-beta inhibition of proteasomal activity: a potential mechanism of growth arrest. *American Journal of Physiology - Cell Physiology*, **2003**, 285, C277-85	5.4	121
139	Lipopolysaccharide induces cholangiocyte proliferation via an interleukin-6-mediated activation of p44/p42 mitogen-activated protein kinase. *Hepatology*, **1999**, 29, 1037-43	11.2	109
138	Extracellular Vesicles from Bone Marrow-Derived Mesenchymal Stem Cells Improve Survival from Lethal Hepatic Failure in Mice. *Stem Cells Translational Medicine*, **2017**, 6, 1262-1272	6.9	107
137	The role of microRNAs in human liver cancers. *Seminars in Oncology*, **2011**, 38, 752-63	5.5	98
136	Hepatitis C virus proteins modulate microRNA expression and chemosensitivity in malignant hepatocytes. *Clinical Cancer Research*, **2010**, 16, 957-66	12.9	97
135	Over-expression of interleukin-6 enhances cell survival and transformed cell growth in human malignant cholangiocytes. *Journal of Hepatology*, **2006**, 44, 1055-65	13.4	97
134	Large Differences in Small RNA Composition Between Human Biofluids. *Cell Reports*, **2018**, 25, 1346-1358	10.6	93
133	The Extracellular RNA Communication Consortium: Establishing Foundational Knowledge and Technologies for Extracellular RNA Research. *Cell*, **2019**, 177, 231-242	56.2	91

132	Cholangiocarcinoma: molecular pathways and therapeutic opportunities. *Seminars in Liver Disease*, **2014**, 34, 456-64	7.3	88
131	Tumour cell-derived extracellular vesicles interact with mesenchymal stem cells to modulate the microenvironment and enhance cholangiocarcinoma growth. *Journal of Extracellular Vesicles*, **2015**, 4, 24900	16.4	87
130	Racial and ethnic variations in the epidemiology of intrahepatic cholangiocarcinoma in the United States. *Liver International*, **2006**, 26, 1047-53	7.9	79
129	Surgery in the patient with liver disease. *Mayo Clinic Proceedings*, **1999**, 74, 593-9	6.4	79
128	Utility of preoperative scores for predicting morbidity after cholecystectomy in patients with cirrhosis. *Clinical Gastroenterology and Hepatology*, **2004**, 2, 1123-8	6.9	77
127	Extracellular vesicle long noncoding RNA as potential biomarkers of liver cancer. *Briefings in Functional Genomics*, **2016**, 15, 249-56	4.9	75
126	gamma-Aminobutyric acid inhibits cholangiocarcinoma growth by cyclic AMP-dependent regulation of the protein kinase A/extracellular signal-regulated kinase 1/2 pathway. *Cancer Research*, **2005**, 65, 11437-46	10.1	74
125	Distinct E-cadherin-based complexes regulate cell behaviour through miRNA processing or Src and p120 catenin activity. *Nature Cell Biology*, **2015**, 17, 1145-57	23.4	73
124	Endoscopic ultrasound versus CT scan for detection of the metastases to the liver: results of a prospective comparative study. *Journal of Clinical Gastroenterology*, **2009**, 43, 367-73	3	73
123	Antitumor effects of OSU-2S, a nonimmunosuppressive analogue of FTY720, in hepatocellular carcinoma. *Hepatology*, **2011**, 53, 1943-58	11.2	67
122	Microfluidic compartments with sensing microbeads for dynamic monitoring of cytokine and exosome release from single cells. *Analyst, The*, **2016**, 141, 679-88	5	65
121	Extracellular vesicles from bone marrow-derived mesenchymal stem cells protect against murine hepatic ischemia/reperfusion injury. *Liver Transplantation*, **2017**, 23, 791-803	4.5	64
120	Preoperative evaluation of patients with liver disease. *Nature Reviews Gastroenterology & Hepatology*, **2007**, 4, 266-76		62
119	Silymarin in the treatment of patients with primary biliary cirrhosis with a suboptimal response to ursodeoxycholic acid. *Hepatology*, **2000**, 32, 897-900	11.2	61
118	Tannic acid synergizes the cytotoxicity of chemotherapeutic drugs in human cholangiocarcinoma by modulating drug efflux pathways. *Journal of Hepatology*, **2007**, 46, 222-9	13.4	60
117	BAP1 dependent expression of long non-coding RNA NEAT-1 contributes to sensitivity to gemcitabine in cholangiocarcinoma. *Molecular Cancer*, **2017**, 16, 22	42.1	59
116	Inhibition of bile-salt-induced hepatocyte apoptosis by the antioxidant lazaroid U83836E. *Toxicology and Applied Pharmacology*, **1997**, 142, 116-22	4.6	59
115	Clozapine and the mitogen-activated protein kinase signal transduction pathway: implications for antipsychotic actions. *Biological Psychiatry*, **2005**, 57, 617-23	7.9	59

114	Advances in the diagnosis, evaluation and management of cholangiocarcinoma. *Current Opinion in Gastroenterology*, **2006**, 22, 294-9	3	59
113	Wnt signalling modulates transcribed-ultraconserved regions in hepatobiliary cancers. *Gut*, **2017**, 66, 1268-1277	19.2	58
112	Translational regulation of x-linked inhibitor of apoptosis protein by interleukin-6: a novel mechanism of tumor cell survival. *Cancer Research*, **2004**, 64, 1293-8	10.1	55
111	Involvement of p38 mitogen-activated protein kinase signaling in transformed growth of a cholangiocarcinoma cell line. *Hepatology*, **2001**, 33, 43-51	11.2	55
110	Noncoding RNA as therapeutic targets for hepatocellular carcinoma. *Seminars in Liver Disease*, **2015** , 35, 63-74	7.3	54
109	Extracellular RNAs: development as biomarkers of human disease. *Journal of Extracellular Vesicles*, **2015**, 4, 27495	16.4	54
108	IL-6 activates serum and glucocorticoid kinase via p38alpha mitogen-activated protein kinase pathway. *American Journal of Physiology - Cell Physiology*, **2005**, 289, C971-81	5.4	54
107	Targeting of the Akt-nuclear factor-kappa B signaling network by [1-(4-chloro-3-nitrobenzenesulfonyl)-1H-indol-3-yl]-methanol (OSU-A9), a novel indole-3-carbinol derivative, in a mouse model of hepatocellular carcinoma. *Molecular Pharmacology*, **2009**, 76, 957-68	4.3	52
106	Cholangiocarcinoma: emerging approaches to a challenging cancer. *Current Opinion in Gastroenterology*, **2007**, 23, 317-23	3	52
105	Cholangiocarcinoma: new insights into disease pathogenesis and biology. *Infectious Disease Clinics of North America*, **2010**, 24, 871-84, vii	6.5	51
104	The mesenchymal stem cell secretome as an acellular regenerative therapy for liver disease. *Journal of Gastroenterology*, **2019**, 54, 763-773	6.9	49
103	Inhibition of cholangiocarcinoma growth by tannic acid. *Hepatology*, **2003**, 37, 1097-104	11.2	48
102	Circulating extracellular vesicle-encapsulated HULC is a potential biomarker for human pancreatic cancer. *Cancer Science*, **2020**, 111, 98-111	6.9	48
101	Comparison of miRNA quantitation by Nanostring in serum and plasma samples. *PLoS ONE*, **2017**, 12, e0189165	3.7	47
100	Hepatic miR-29ab1 expression modulates chronic hepatic injury. *Journal of Cellular and Molecular Medicine*, **2012**, 16, 2647-54	5.6	46
99	Therapeutic potential of the translation inhibitor silvestrol in hepatocellular cancer. *PLoS ONE*, **2013**, 8, e76136	3.7	46
98	Insulin inhibits secretin-induced ductal secretion by activation of PKC alpha and inhibition of PKA activity. *Hepatology*, **2002**, 36, 641-51	11.2	46
97	Liver transplantation for intrahepatic cholangiocarcinoma. *Liver Transplantation*, **2018**, 24, 634-644	4.5	45

96	Meeting report: discussions and preliminary findings on extracellular RNA measurement methods from laboratories in the NIH Extracellular RNA Communication Consortium. *Journal of Extracellular Vesicles*, **2015**, 4, 26533	16.4	45
95	Complete clinical response of metastatic hepatocellular carcinoma to sorafenib in a patient with hemochromatosis: a case report. *Journal of Hematology and Oncology*, **2008**, 1, 18	22.4	45
94	Increased susceptibility of cholangiocytes to tumor necrosis factor-alpha cytotoxicity after bile duct ligation. *American Journal of Physiology - Cell Physiology*, **2003**, 285, C183-94	5.4	45
93	Taurocholate prevents the loss of intrahepatic bile ducts due to vagotomy in bile duct-ligated rats. *American Journal of Physiology - Renal Physiology*, **2003**, 284, G837-52	5.1	45
92	GAIP interacting protein C-terminus regulates autophagy and exosome biogenesis of pancreatic cancer through metabolic pathways. *PLoS ONE*, **2014**, 9, e114409	3.7	44
91	New insights into the molecular pathogenesis of intrahepatic cholangiocarcinoma. *Journal of Gastroenterology*, **2014**, 49, 165-72	6.9	42
90	Preexisting atrial fibrillation and cardiac complications after liver transplantation. *Liver Transplantation*, **2015**, 21, 314-20	4.5	40
89	Interleukin-6 decreases senescence and increases telomerase activity in malignant human cholangiocytes. *Life Sciences*, **2006**, 78, 2494-502	6.8	40
88	The efficacy of gadobenate dimeglumine (Gd-BOPTA) at 3 Tesla in brain magnetic resonance imaging: comparison to 1.5 Tesla and a standard gadolinium chelate using a rat brain tumor model. *Investigative Radiology*, **2006**, 41, 244-8	10.1	39
87	Brain tumor enhancement in magnetic resonance imaging: comparison of signal-to-noise ratio (SNR) and contrast-to-noise ratio (CNR) at 1.5 versus 3 tesla. *Investigative Radiology*, **2005**, 40, 792-7	10.1	39
86	microRNAs in liver disease: from diagnostics to therapeutics. *Clinical Biochemistry*, **2013**, 46, 946-52	3.5	38
85	Current approaches to the diagnosis and treatment of cholangiocarcinoma. *Current Gastroenterology Reports*, **2006**, 8, 30-7	5	38
84	Apoptosis and the liver: A mechanism of disease, growth regulation, and carcinogenesis. *Hepatology*, **1999**, 30, 811-5	11.2	38
83	Biomechanical evaluation of the New Zealand white rabbit lumbar spine: a physiologic characterization. *European Spine Journal*, **2000**, 9, 250-5	2.7	35
82	Extracellular vesicles in liver diseases. *American Journal of Physiology - Renal Physiology*, **2017**, 312, G194-G200	5.1	34
81	Genome-wide discovery and validation of diagnostic DNA methylation-based biomarkers for hepatocellular cancer detection in circulating cell free DNA. *Theranostics*, **2019**, 9, 7239-7250	12.1	34
80	Analysis of extracellular RNA by digital PCR. *Frontiers in Oncology*, **2014**, 4, 129	5.3	33
79	Translational regulation by p38 mitogen-activated protein kinase signaling during human cholangiocarcinoma growth. *Hepatology*, **2003**, 38, 158-66	11.2	33

78	Epigallocatechin-gallate modulates chemotherapy-induced apoptosis in human cholangiocarcinoma cells. *Liver International*, **2009**, 29, 670-7	7.9	32
77	TIMP-1 attenuates blood-brain barrier permeability in mice with acute liver failure. *Journal of Cerebral Blood Flow and Metabolism*, **2013**, 33, 1041-9	7.3	31
76	Racial, Ethnic, and Age Disparities in Incidence and Survival of Intrahepatic Cholangiocarcinoma in the United States; 1995-2014. *Annals of Hepatology*, **2018**, 17, 604-614	3.1	31
75	Apoptosis in hepatic pathophysiology. *Clinics in Liver Disease*, **2000**, 4, 295-317	4.6	30
74	Candidate therapeutic agents for hepatocellular cancer can be identified from phenotype-associated gene expression signatures. *Cancer*, **2009**, 115, 3738-48	6.4	29
73	Translational regulation of XIAP expression and cell survival during hypoxia in human cholangiocarcinoma. *Gastroenterology*, **2004**, 127, 1787-97	13.3	28
72	In vitro toxicology studies of extracellular vesicles. *Journal of Applied Toxicology*, **2017**, 37, 310-318	4.1	27
71	Use of a Hollow Fiber Bioreactor to Collect Extracellular Vesicles from Cells in Culture. *Methods in Molecular Biology*, **2018**, 1740, 35-41	1.4	26
70	Identifying opportunities for improved colorectal cancer screening in primary care. *Preventive Medicine*, **2004**, 39, 239-46	4.3	26
69	Non-coding RNAs as therapeutic targets in hepatocellular cancer. *Current Cancer Drug Targets*, **2012**, 12, 1073-80	2.8	26
68	Targeting the IL-6 dependent phenotype can identify novel therapies for cholangiocarcinoma. *PLoS ONE*, **2010**, 5, e15195	3.7	25
67	Extracellular Vesicle-Based Therapeutic Targeting of Catenin to Modulate Anticancer Immune Responses in Hepatocellular Cancer. *Hepatology Communications*, **2019**, 3, 525-541	6	23
66	Targeting Liver Cancer Stem Cells Using Engineered Biological Nanoparticles for the Treatment of Hepatocellular Cancer. *Hepatology Communications*, **2020**, 4, 298-313	6	23
65	Extending gene ontology in the context of extracellular RNA and vesicle communication. *Journal of Biomedical Semantics*, **2016**, 7, 19	2.2	23
64	Emerging insights into the role of microRNAs in the pathogenesis of cholangiocarcinoma. *Gene Expression*, **2014**, 16, 93-9	3.4	21
63	Apoptosis in liver transplantation: a mechanism contributing to immune modulation, preservation injury, neoplasia, and viral disease. *Liver Transplantation*, **1998**, 4, 42-50		21
62	Prevalence, Risk Factors, and Survival of Patients with Intrahepatic Cholangiocarcinoma. *Annals of Hepatology*, **2017**, 16, 565-568	3.1	20
61	Molecular diagnosis of intrahepatic cholangiocarcinoma. *Journal of Hepato-Biliary-Pancreatic Sciences*, **2015**, 22, 114-23	2.8	20

60	Milk-derived Extracellular Vesicles for Therapeutic Delivery of Small Interfering RNAs. *Methods in Molecular Biology*, **2018**, 1740, 187-197	1.4	17
59	Nanovesicle-mediated delivery of anticancer agents effectively induced cell death and regressed intrahepatic tumors in athymic mice. *Laboratory Investigation*, **2018**, 98, 895-910	5.9	17
58	Isolation of extracellular nanovesicle microRNA from liver cancer cells in culture. *Methods in Molecular Biology*, **2013**, 1024, 11-8	1.4	17
57	Chemotherapeutic stress selectively activates NF-kappa B-dependent AKT and VEGF expression in liver cancer-derived endothelial cells. *American Journal of Physiology - Cell Physiology*, **2007**, 293, C749-60	5.4	17
56	Clinical Significance of Serum Adiponectin and Resistin Levels in Liver Cirrhosis. *Annals of Hepatology*, **2018**, 17, 286-299	3.1	15
55	Liver transplantation in patients with atrial fibrillation. *Transplantation Proceedings*, **2013**, 45, 2302-6	1.1	14
54	Preneoplastic conditions underlying bile duct cancer. *Langenbeck's Archives of Surgery*, **2012**, 397, 861-7	3.4	14
53	Tannic acid inhibits cholangiocyte proliferation after bile duct ligation via a cyclic adenosine 5′,3′monophosphate-dependent pathway. *American Journal of Pathology*, **2005**, 166, 1671-9	5.8	14
52	Double-stranded RNA activates a p38 MAPK-dependent cell survival program in biliary epithelia. *American Journal of Physiology - Renal Physiology*, **2003**, 284, G924-32	5.1	13
51	Immune escape in hepatocellular cancer: is a good offense the best defense?. *Hepatology*, **1999**, 30, 576-8	11.2	13
50	Role of plasmapheresis in thrombocytopenic purpura associated with Waldenström's macroglobulinemia. *Mayo Clinic Proceedings*, **1996**, 71, 597-600	6.4	13
49	Safety of bovine milk derived extracellular vesicles used for delivery of RNA therapeutics in zebrafish and mice. *Journal of Applied Toxicology*, **2020**, 40, 706-718	4.1	13
48	A fluorometric assay for quantitating DNA strand breaks during apoptosis. *Analytical Biochemistry*, **1995**, 229, 229-35	3.1	12
47	Screening for colorectal cancer in elderly persons: who should we screen and when can we stop?. *Journal of Aging and Health*, **2008**, 20, 126-39	2.6	11
46	Reversible non-ischaemic cardiomyopathy and left ventricular dysfunction after liver transplantation: a single-centre experience. *Liver International*, **2014**, 34, e105-10	7.9	10
45	Functional Modulation of Gene Expression by Ultraconserved Long Non-coding RNA TUC338 during Growth of Human Hepatocellular Carcinoma. *IScience*, **2018**, 2, 210-220	6.1	9
44	Circulating Extracellular RNA Markers of Liver Regeneration. *PLoS ONE*, **2016**, 11, e0155888	3.7	9
43	Isolation of Tissue Extracellular Vesicles from the Liver. *Journal of Visualized Experiments*, **2019**,	1.6	8

42	MicroRNAs as paracrine signaling mediators in cancers and metabolic diseases. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2016**, 30, 577-590	6.5	8
41	Pifithrin-alpha enhances chemosensitivity by a p38 mitogen-activated protein kinase-dependent modulation of the eukaryotic initiation factor 4E in malignant cholangiocytes. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 319, 1153-61	4.7	8
40	Educational Intervention in Primary Care ResidentsPKnowledge and Performance of Hepatitis B Vaccination in Patients with Diabetes Mellitus. *Southern Medical Journal*, **2015**, 108, 510-5	0.6	8
39	Multiplexed Detection and Quantitation of Extracellular Vesicle RNA Expression Using NanoString. *Methods in Molecular Biology*, **2018**, 1740, 177-185	1.4	7
38	Assessment of response to therapy in hepatocellular carcinoma. *Annals of Medicine*, **2014**, 46, 130-7	1.5	7
37	Molecular evolution of genetic susceptibility to hepatocellular carcinoma. *Digestive Diseases and Sciences*, **2014**, 59, 986-91	4	7
36	A single-institute experience with sorafenib in untreated and previously treated patients with advanced hepatocellular carcinoma. *Oncology*, **2010**, 78, 210-2	3.6	6
35	Prognostic Significance of Neutrophil to Lymphocyte Ratio Dynamics in Patients with Hepatocellular Carcinoma Treated with Radioembolization Using Glass Microspheres. *European Journal of Nuclear Medicine and Molecular Imaging*, **2021**, 48, 2624-2634	8.8	6
34	Non-Coding RNAs as Therapeutic Targets in Hepatocellular Cancer. *Current Cancer Drug Targets*, **2012**, 12, 1073-1080	2.8	5
33	Aberrant local renin-angiotensin II responses in the pathogenesis of primary sclerosing cholangitis. *Medical Hypotheses*, **2003**, 61, 64-7	3.8	5
32	One-carbon metabolism-related micronutrients intake and risk for hepatocellular carcinoma: A prospective cohort study. *International Journal of Cancer*, **2020**, 147, 2075-2090	7.5	5
31	Neoadjuvant Radiation Lobectomy and Immunotherapy for Angioinvasive HCC Resulting in Complete Pathologic Response. *Hepatology*, **2021**, 74, 525-527	11.2	5
30	Response to Loco-Regional Therapy Predicts Outcomes After Liver Transplantation for Combined Hepatocellular-Cholangiocarcinoma. *Annals of Hepatology*, **2018**, 17, 969-979	3.1	5
29	Biological Nanotherapeutics for Liver Disease. *Hepatology*, **2021**, 74, 2863-2875	11.2	5
28	Long non-coding RNA regulation of liver cancer stem cell self-renewal offers new therapeutic targeting opportunities. *Stem Cell Investigation*, **2016**, 3, 1	5.1	4
27	Comparison of Clinical Features and Outcomes Between Intrahepatic Cholangiocarcinoma and Hepatocellular Carcinoma in the United States. *Hepatology*, **2021**, 74, 2622-2632	11.2	4
26	Therapeutic Efficacy of Vitamin D in Experimental c-MET-Catenin-Driven Hepatocellular Cancer. *Gene Expression*, **2019**, 19, 151-159	3.4	3
25	Droplet Digital PCR for Quantitation of Extracellular RNA. *Methods in Molecular Biology*, **2018**, 1740, 155-162	1.4	3

24	Isolation of Extracellular RNA from Bile. *Methods in Molecular Biology*, **2018**, 1740, 59-67	1.4	3
23	Clinical diagnosis and management of intrahepatic cholangiocarcinoma. *Clinical Liver Disease*, **2014**, 3, 56-59	2.2	3
22	Fabrication and Characterization of a Biomaterial Based on Extracellular-Vesicle Functionalized Graphene Oxide. *Frontiers in Bioengineering and Biotechnology*, **2021**, 9, 686510	5.8	3
21	Network analyses-based identification of circular ribonucleic acid-related pathways in intrahepatic cholangiocarcinoma. *Tumor Biology*, **2018**, 40, 1010428318795761	2.9	3
20	Mesenchymal stem cell derived extracellular vesicles: a promising new therapeutic approach for hepatic injury. *Biotarget*, **2017**, 1,	0.7	2
19	Impact of age on screening and surveillance for primary liver cancer. *American Journal of Gastroenterology*, **2006**, 101, 768-74	0.7	2
18	Machine learning analysis of volatolomic profiles in breath can identify non-invasive biomarkers of liver disease: A pilot study. *PLoS ONE*, **2021**, 16, e0260098	3.7	2
17	Real versus simulated galactic cosmic radiation for investigating cancer risk in the hematopoietic system - are we comparing apples to apples?. *Life Sciences in Space Research*, **2021**, 29, 8-14	2.4	2
16	Dysfunctional EGFR and oxidative stress-induced PKD1 signaling drive formation of DCLK1+ pancreatic stem cells. *IScience*, **2021**, 24, 102019	6.1	2
15	Tunneling Nanotube-Mediated Communication: A Mechanism of Intercellular Nucleic Acid Transfer. *International Journal of Molecular Sciences*, **2022**, 23, 5487	6.3	2
14	Risk of Hepatocellular Carcinoma Following Use of Direct Acting Antiviral Medications for Treatment of Chronic Hepatitis C. *Cancer Prevention Research*, **2019**, 12, 891-902	3.2	1
13	Individualized Ablation of Hepatocellular Carcinoma: Tailored Approaches across the Phenotype Spectrum. *Seminars in Interventional Radiology*, **2019**, 36, 287-297	1.6	1
12	Resting thallium-201 scintigraphy for identifying viable myocardium in a patient with severe left ventricular dysfunction. *Mayo Clinic Proceedings*, **1993**, 68, 63-7	6.4	1
11	Biochemical Safety of Ablative Yttrium-90 Radioembolization for Hepatocellular Carcinoma as a Function of Percent Liver Treated. *Journal of Hepatocellular Carcinoma*, **2021**, 8, 861-870	5.3	1
10	What are the key challenges in the pharmacological management of cholangiocarcinoma?. *Expert Opinion on Pharmacotherapy*, **2021**, 1-3	4	0
9	AuthorsPresponse to "How to dispel myths in the treatment of hepatic encephalopathy?". *Nature Reviews Gastroenterology & Hepatology*, **2007**, 4, E2-E2		0
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7	Tumors of the Biliary Tract **2015**, 1858-1874		

6	Response to Loco-Regional Therapy Predicts Outcomes After Liver Transplantation for Combined Hepatocellular-Cholangiocarcinoma. *Annals of Hepatology*, **2018**, 17, 0-10	3.1
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