Atsushi Umemura

List of Publications by Year in Descending Order

71 papers	2,945 citations	24 h-index	54 g-index
79 ext. papers	3,658 ext. citations	7.1 avg, IF	4.52 L-index

#	Paper	IF	Citations
71	Hepatitis C virus eradication prolongs overall survival in hepatocellular carcinoma patients receiving molecular-targeted agents.. *Journal of Gastroenterology*, **2022**, 57, 90	6.9	0
70	Loss of KAP3 decreases intercellular adhesion and impairs intracellular transport of laminin in signet ring cell carcinoma of the stomach.. *Scientific Reports*, **2022**, 12, 5050	4.9	0
69	White matter and nigral alterations in multiple system atrophy-parkinsonian type. *Npj Parkinsonls Disease*, **2021**, 7, 96	9.7	0
68	Enhanced Antitumor Effect in Liver Cancer by Amino Acid Depletion-Induced Oxidative Stress. *Frontiers in Oncology*, **2021**, 11, 758549	5.3	0
67	Artificial intelligence/neural network system for the screening of nonalcoholic fatty liver disease and nonalcoholic steatohepatitis. *Hepatology Research*, **2021**, 51, 554-569	5.1	7
66	The Effect of Genetic Polymorphism in Response to Body Weight Reduction in Japanese Patients with Nonalcoholic Fatty Liver Disease. *Genes*, **2021**, 12,	4.2	1
65	Novel artificial intelligent/neural network system for staging of nonalcoholic steatohepatitis. *Hepatology Research*, **2021**, 51, 1044-1057	5.1	1
64	A novel rapid immunoassay of serum type IV collagen 7S for the diagnosis of fibrosis stage of nonalcoholic fatty liver diseases. *Hepatology Research*, **2021**, 51, 263-276	5.1	1
63	SOX2 enhances cell survival and induces resistance to apoptosis under serum starvation conditions through the AKT/GSK-3β signaling pathway in esophageal squamous cell carcinoma. *Oncology Letters*, **2021**, 21, 269	2.6	1
62	Case Report: Chronic Adaptive Deep Brain Stimulation Personalizing Therapy Based on Parkinsonian State. *Frontiers in Human Neuroscience*, **2021**, 15, 702961	3.3	2
61	Tyrosine Kinase Inhibitors Stimulate HLA Class I Expression by Augmenting the IFNβ/STAT1 Signaling in Hepatocellular Carcinoma Cells. *Frontiers in Oncology*, **2021**, 11, 707473	5.3	0
60	White matter alterations in Parkinsonls disease with levodopa-induced dyskinesia. *Parkinsonism and Related Disorders*, **2021**, 90, 8-14	3.6	2
59	Honokiol Acts as a Potent Anti-Fibrotic Agent in the Liver through Inhibition of TGF-β1/SMAD Signaling and Autophagy in Hepatic Stellate Cells.. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
58	Intrahepatic Tumor Burden as a Novel Factor Influencing the Introduction of Second-line Chemotherapy for Hepatocellular Carcinoma. *Anticancer Research*, **2020**, 40, 3953-3960	2.3	3
57	Early Tumor Shrinkage as a Predictive Factor for Outcomes in Hepatocellular Carcinoma Patients Treated with Lenvatinib: A Multicenter Analysis. *Cancers*, **2020**, 12,	6.6	7
56	Epidemiology: Pathogenesis, and Diagnostic Strategy of Diabetic Liver Disease in Japan. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	15
55	NRF2 activates growth factor genes and downstream AKT signaling to induce mouse and human hepatomegaly. *Journal of Hepatology*, **2020**, 72, 1182-1195	13.4	31

54	Effect of Sodium Glucose Cotransporter 2 Inhibitors on Renal Function in Patients with Nonalcoholic Fatty Liver Disease and Type 2 Diabetes in Japan. *Diagnostics*, **2020**, 10,	3.8	4
53	Attenuated effect of PNPLA3 on hepatic fibrosis by HSD17B13 in Japanese patients with non-alcoholic fatty liver disease. *Liver International*, **2020**, 40, 1686-1692	7.9	10
52	Stability Enhancement of Small-Scale Power Grid with Renewable Power Sources by Variable Speed Diesel Power Plant*. *Journal of Power and Energy Engineering*, **2020**, 08, 1-17	0.7	1
51	The Association between the Platelet Count and Liver Volume in Compensated Cirrhosis Patients after the Eradication of Hepatitis C virus by Direct-acting Antivirals. *Internal Medicine*, **2020**, 59, 1811-1817	1.1	
50	PPAR□agonist and metformin co-treatment ameliorates NASH in mice induced by a choline-deficient, amino acid-defined diet with 45% fat. *Scientific Reports*, **2020**, 10, 19578	4.9	1
49	The Appropriate Opportunity for Evaluating Liver Fibrosis by Using the FIB-4 Index in Patients with Nonalcoholic Fatty Liver Disease in Japan. *Diagnostics*, **2020**, 10,	3.8	2
48	Effect of pemafibrate on fatty acid levels and liver enzymes in non-alcoholic fatty liver disease patients with dyslipidemia: A single-arm, pilot study. *Hepatology Research*, **2020**, 50, 1328-1336	5.1	8
47	Effectiveness and safety of chronic hepatitis C treatment with direct-acting antivirals in patients with rheumatic diseases: A case-series. *Modern Rheumatology*, **2020**, 30, 1009-1015	3.3	0
46	Clinical and pathological features of sarcopenia-related indices in patients with non-alcoholic fatty liver disease. *Hepatology Research*, **2019**, 49, 627-636	5.1	9
45	Increase in the skeletal muscle mass to body fat mass ratio predicts the decline in transaminase in patients with nonalcoholic fatty liver disease. *Journal of Gastroenterology*, **2019**, 54, 160-170	6.9	12
44	Aging-associated impairment in metabolic compensation by subcutaneous adipose tissue promotes diet-induced fatty liver disease in mice. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, **2019**, 12, 1473-1492	3.4	3
43	Impact of Relative Dose Intensity of Early-phase Lenvatinib Treatment on Therapeutic Response in Hepatocellular Carcinoma. *Anticancer Research*, **2019**, 39, 5149-5156	2.3	38
42	FIB-4 Index and Diabetes Mellitus Are Associated with Chronic Kidney Disease in Japanese Patients with Non-Alcoholic Fatty Liver Disease. *International Journal of Molecular Sciences*, **2019**, 21,	6.3	8
41	Erythropoietin and long-acting erythropoiesis stimulating agent ameliorate non-alcoholic fatty liver disease by increasing lipolysis and□decreasing lipogenesis via EPOR/STAT pathway. *Biochemical and Biophysical Research Communications*, **2019**, 509, 306-313	3.4	10
40	Presence of varices in patients after hepatitis C virus eradication predicts deterioration in the FIB-4 index. *Hepatology Research*, **2019**, 49, 473-478	5.1	13
39	Dopamine transporter imaging predicts motor responsiveness to levodopa challenge in patients with Parkinson's disease: A pilot study of DATSCAN for subthalamic deep brain stimulation. *Journal of the Neurological Sciences*, **2018**, 385, 134-139	3.2	4
38	Insulin resistance increases the risk of incident type 2 diabetes mellitus in patients with non-alcoholic fatty liver disease. *Hepatology Research*, **2018**, 48, E42-E51	5.1	20
37	Combination of PNPLA3 and TLL1 polymorphism can predict advanced fibrosis in Japanese patients with nonalcoholic fatty liver disease. *Journal of Gastroenterology*, **2018**, 53, 438-448	6.9	15

36	Risk estimation model for nonalcoholic fatty liver disease in the Japanese using multiple genetic markers. *PLoS ONE*, **2018**, 13, e0185490	3.7	57
35	Efficacy and safety of canagliflozin in type 2 diabetes mellitus patients with biopsy-proven nonalcoholic steatohepatitis classified as stage 1-3 fibrosis. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, **2018**, 11, 835-843	3.4	52
34	Impact of Insufficient Response with an Increase in Tumor Number in Predicting Transcatheter Arterial Chemoembolization Refractoriness for Hepatocellular Carcinoma. *Digestive Diseases*, **2018**, 36, 385-394	3.2	3
33	Oncogenic miR-96-5p inhibits apoptosis by targeting the caspase-9 gene in hepatocellular carcinoma. *International Journal of Oncology*, **2018**, 53, 237-245	4.4	24
32	Loss of PAR-3 protein expression is associated with invasion, lymph node metastasis, and poor survival in esophageal squamous cell carcinoma. *Human Pathology*, **2017**, 62, 134-140	3.7	4
31	Hepatic nucleotide binding oligomerization domain-like receptors pyrin domain-containing 3 inflammasomes are associated with the histologic severity of non-alcoholic fatty liver disease. *Hepatology Research*, **2017**, 47, 1459-1468	5.1	10
30	Effect of 12-week dulaglutide therapy in Japanese patients with biopsy-proven non-alcoholic fatty liver disease and type 2 diabetes mellitus. *Hepatology Research*, **2017**, 47, 1206-1211	5.1	46
29	Effect of sodium glucose cotransporter 2 inhibitor on liver function tests in Japanese patients with non-alcoholic fatty liver disease and type 2 diabetes mellitus. *Hepatology Research*, **2017**, 47, 1072-1078	5.1	51
28	Stress-Activated NRF2-MDM2 Cascade Controls Neoplastic Progression in Pancreas. *Cancer Cell*, **2017**, 32, 824-839.e8	24.3	73
27	Development of hepatocellular carcinoma in Japanese patients with biopsy-proven non-alcoholic fatty liver disease: Association between PNPLA3 genotype and hepatocarcinogenesis/fibrosis progression. *Hepatology Research*, **2017**, 47, 1083-1092	5.1	46
26	Liver stiffness measurement to platelet ratio index predicts the stage of liver fibrosis in non-alcoholic fatty liver disease. *Hepatology Research*, **2017**, 47, 721-730	5.1	11
25	Real-world efficacy of daclatasvir and asunaprevir with respect to resistance-associated substitutions. *World Journal of Hepatology*, **2017**, 9, 1064-1072	3.4	8
24	Current status and future prospects of chemotherapy for advanced hepatocellular carcinoma. *Clinical Journal of Gastroenterology*, **2016**, 9, 184-90	1.1	26
23	p62, Upregulated during Preneoplasia, Induces Hepatocellular Carcinogenesis by Maintaining Survival of Stressed HCC-Initiating Cells. *Cancer Cell*, **2016**, 29, 935-948	24.3	264
22	NF-B Restricts Inflammasome Activation via Elimination of Damaged Mitochondria. *Cell*, **2016**, 164, 896-910	56.2	606
21	Association of coronary artery calcification with liver fibrosis in Japanese patients with non-alcoholic fatty liver disease. *Hepatology Research*, **2016**, 46, 1107-1117	5.1	11
20	Genome-wide DNA methylation analysis in hepatocellular carcinoma. *Oncology Reports*, **2016**, 35, 2228-36	3.5	37
19	Hybrid Periportal Hepatocytes Regenerate the Injured Liver without Giving Rise to Cancer. *Cell*, **2015**, 162, 766-79	56.2	311

18	Blockade of interleukin 6 signalling ameliorates systemic insulin resistance through upregulation of glucose uptake in skeletal muscle and improves hepatic steatosis in high-fat diet fed mice. *Liver International*, **2015**, 35, 550-61	7.9	32
17	Influence of lifestyle-related diseases and age on the development and progression of non-alcoholic fatty liver disease. *Hepatology Research*, **2015**, 45, 548-59	5.1	19
16	Comparison of peg-interferon, ribavirin plus telaprevir vs simeprevir by propensity score matching. *World Journal of Hepatology*, **2015**, 7, 2841-8	3.4	4
15	ER stress cooperates with hypernutrition to trigger TNF-dependent spontaneous HCC development. *Cancer Cell*, **2014**, 26, 331-343	24.3	284
14	Liver damage, inflammation, and enhanced tumorigenesis after persistent mTORC1 inhibition. *Cell Metabolism*, **2014**, 20, 133-44	24.6	120
13	Loss of liver E-cadherin induces sclerosing cholangitis and promotes carcinogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 1090-5	11.5	83
12	Clinicopathological features of liver injury in patients with type 2 diabetes mellitus and comparative study of histologically proven nonalcoholic fatty liver diseases with or without type 2 diabetes mellitus. *Journal of Gastroenterology*, **2013**, 48, 515-25	6.9	19
11	Prediction of a favorable clinical course in hepatitis C virus carriers with persistently normal serum alanine aminotransferase levels: A long-term follow-up study. *Hepatology Research*, **2013**, 43, 557-62	5.1	3
10	p38 inhibits liver fibrogenesis and consequent hepatocarcinogenesis by curtailing accumulation of reactive oxygen species. *Cancer Research*, **2013**, 73, 215-24	10.1	58
9	Treatment extension may benefit female genotype 1 chronic hepatitis C patients with complete early virological response to peginterferon-alpha-2b and ribavirin combination therapy. *Hepatology Research*, **2012**, 42, 966-73	5.1	
8	Genetic polymorphisms of the human PNPLA3 gene are strongly associated with severity of non-alcoholic fatty liver disease in Japanese. *PLoS ONE*, **2012**, 7, e38322	3.7	194
7	High expression of p300 in HCC predicts shortened overall survival in association with enhanced epithelial mesenchymal transition of HCC cells. *Cancer Letters*, **2011**, 310, 140-7	9.9	55
6	Hepatic steatosis in chronic hepatitis C patients infected with genotype 2 is associated with insulin resistance, hepatic fibrosis and affects cumulative positivity of serum hepatitis C virus RNA in peginterferon and ribavirin combination therapy. *Hepatology Research*, **2011**, 41, 1145-52	5.1	8
5	Nonalcoholic fatty liver disease and nonalcoholic steatohepatitis in Japan. *Journal of Gastroenterology and Hepatology (Australia)*, **2011**, 26 Suppl 1, 153-62	4	87
4	Blockade of IL-6 signaling exacerbates liver injury and suppresses antiapoptotic gene expression in methionine choline-deficient diet-fed db/db mice. *Laboratory Investigation*, **2011**, 91, 609-18	5.9	44
3	A case report of successful treatment with a cholesterol absorption inhibitor for decompensated burned-out NASH. *Acta Hepatologica Japonica*, **2009**, 50, 532-539	0.3	1
2	Association of gankyrin protein expression with early clinical stages and insulin-like growth factor-binding protein 5 expression in human hepatocellular carcinoma. *Hepatology*, **2008**, 47, 493-502	11.2	48
1	In vivo selection of transduced hematopoietic stem cells and little evidence of their conversion into hepatocytes in vivo. *Journal of Hepatology*, **2006**, 45, 681-7	13.4	15