

Atsushi Umemura

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.

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	NF- κ B Restricts Inflammasome Activation via Elimination of Damaged Mitochondria. <i>Cell</i> , 2016 , 164, 896-910	56.2	606
70	Hybrid Periportal Hepatocytes Regenerate the Injured Liver without Giving Rise to Cancer. <i>Cell</i> , 2015 , 162, 766-79	56.2	311
69	ER stress cooperates with hypernutrition to trigger TNF-dependent spontaneous HCC development. <i>Cancer Cell</i> , 2014 , 26, 331-343	24.3	284
68	p62, Upregulated during Preneoplasia, Induces Hepatocellular Carcinogenesis by Maintaining Survival of Stressed HCC-Initiating Cells. <i>Cancer Cell</i> , 2016 , 29, 935-948	24.3	264
67	Genetic polymorphisms of the human PNPLA3 gene are strongly associated with severity of non-alcoholic fatty liver disease in Japanese. <i>PLoS ONE</i> , 2012 , 7, e38322	3.7	194
66	Liver damage, inflammation, and enhanced tumorigenesis after persistent mTORC1 inhibition. <i>Cell Metabolism</i> , 2014 , 20, 133-44	24.6	120
65	Nonalcoholic fatty liver disease and nonalcoholic steatohepatitis in Japan. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2011 , 26 Suppl 1, 153-62	4	87
64	Loss of liver E-cadherin induces sclerosing cholangitis and promotes carcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1090-5	11.5	83
63	Stress-Activated NRF2-MDM2 Cascade Controls Neoplastic Progression in Pancreas. <i>Cancer Cell</i> , 2017 , 32, 824-839.e8	24.3	73
62	p38 γ inhibits liver fibrogenesis and consequent hepatocarcinogenesis by curtailing accumulation of reactive oxygen species. <i>Cancer Research</i> , 2013 , 73, 215-24	10.1	58
61	Risk estimation model for nonalcoholic fatty liver disease in the Japanese using multiple genetic markers. <i>PLoS ONE</i> , 2018 , 13, e0185490	3.7	57
60	High expression of p300 in HCC predicts shortened overall survival in association with enhanced epithelial mesenchymal transition of HCC cells. <i>Cancer Letters</i> , 2011 , 310, 140-7	9.9	55
59	Efficacy and safety of canagliflozin in type 2 diabetes mellitus patients with biopsy-proven nonalcoholic steatohepatitis classified as stage 1-3 fibrosis. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2018 , 11, 835-843	3.4	52
58	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. <i>Hepatology Research</i> , 2017 , 47, 1072-1078	5.1	51
57	Association of gankyrin protein expression with early clinical stages and insulin-like growth factor-binding protein 5 expression in human hepatocellular carcinoma. <i>Hepatology</i> , 2008 , 47, 493-502	11.2	48
56	Effect of 12-week dulaglutide therapy in Japanese patients with biopsy-proven non-alcoholic fatty liver disease and type 2 diabetes mellitus. <i>Hepatology Research</i> , 2017 , 47, 1206-1211	5.1	46
55	Development of hepatocellular carcinoma in Japanese patients with biopsy-proven non-alcoholic fatty liver disease: Association between PNPLA3 genotype and hepatocarcinogenesis/fibrosis progression. <i>Hepatology Research</i> , 2017 , 47, 1083-1092	5.1	46

54	Blockade of IL-6 signaling exacerbates liver injury and suppresses antiapoptotic gene expression in methionine choline-deficient diet-fed db/db mice. <i>Laboratory Investigation</i> , 2011 , 91, 609-18	5.9	44
53	Impact of Relative Dose Intensity of Early-phase Lenvatinib Treatment on Therapeutic Response in Hepatocellular Carcinoma. <i>Anticancer Research</i> , 2019 , 39, 5149-5156	2.3	38
52	Genome-wide DNA methylation analysis in hepatocellular carcinoma. <i>Oncology Reports</i> , 2016 , 35, 2228-365	3.5	37
51	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. <i>Liver International</i> , 2015 , 35, 550-61	7.9	32
50	NRF2 activates growth factor genes and downstream AKT signaling to induce mouse and human hepatomegaly. <i>Journal of Hepatology</i> , 2020 , 72, 1182-1195	13.4	31
49	Current status and future prospects of chemotherapy for advanced hepatocellular carcinoma. <i>Clinical Journal of Gastroenterology</i> , 2016 , 9, 184-90	1.1	26
48	Oncogenic miR-96-5p inhibits apoptosis by targeting the caspase-9 gene in hepatocellular carcinoma. <i>International Journal of Oncology</i> , 2018 , 53, 237-245	4.4	24
47	Insulin resistance increases the risk of incident type 2 diabetes mellitus in patients with non-alcoholic fatty liver disease. <i>Hepatology Research</i> , 2018 , 48, E42-E51	5.1	20
46	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. <i>Journal of Gastroenterology</i> , 2013 , 48, 515-25	6.9	19
45	Influence of lifestyle-related diseases and age on the development and progression of non-alcoholic fatty liver disease. <i>Hepatology Research</i> , 2015 , 45, 548-59	5.1	19
44	Epidemiology: Pathogenesis, and Diagnostic Strategy of Diabetic Liver Disease in Japan. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
43	Combination of PNPLA3 and TLL1 polymorphism can predict advanced fibrosis in Japanese patients with nonalcoholic fatty liver disease. <i>Journal of Gastroenterology</i> , 2018 , 53, 438-448	6.9	15
42	In vivo selection of transduced hematopoietic stem cells and little evidence of their conversion into hepatocytes in vivo. <i>Journal of Hepatology</i> , 2006 , 45, 681-7	13.4	15
41	Presence of varices in patients after hepatitis C virus eradication predicts deterioration in the FIB-4 index. <i>Hepatology Research</i> , 2019 , 49, 473-478	5.1	13
40	Increase in the skeletal muscle mass to body fat mass ratio predicts the decline in transaminase in patients with nonalcoholic fatty liver disease. <i>Journal of Gastroenterology</i> , 2019 , 54, 160-170	6.9	12
39	Liver stiffness measurement to platelet ratio index predicts the stage of liver fibrosis in non-alcoholic fatty liver disease. <i>Hepatology Research</i> , 2017 , 47, 721-730	5.1	11
38	Association of coronary artery calcification with liver fibrosis in Japanese patients with non-alcoholic fatty liver disease. <i>Hepatology Research</i> , 2016 , 46, 1107-1117	5.1	11
37	Hepatic nucleotide binding oligomerization domain-like receptors pyrin domain-containing 3 inflammasomes are associated with the histologic severity of non-alcoholic fatty liver disease. <i>Hepatology Research</i> , 2017 , 47, 1459-1468	5.1	10

36	Attenuated effect of PNPLA3 on hepatic fibrosis by HSD17B13 in Japanese patients with non-alcoholic fatty liver disease. <i>Liver International</i> , 2020 , 40, 1686-1692	7.9	10
35	Erythropoietin and long-acting erythropoiesis stimulating agent ameliorate non-alcoholic fatty liver disease by increasing lipolysis and decreasing lipogenesis via EPOR/STAT pathway. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 509, 306-313	3.4	10
34	Clinical and pathological features of sarcopenia-related indices in patients with non-alcoholic fatty liver disease. <i>Hepatology Research</i> , 2019 , 49, 627-636	5.1	9
33	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. <i>Hepatology Research</i> , 2011 , 41, 1145-52	5.1	8
32	Real-world efficacy of daclatasvir and asunaprevir with respect to resistance-associated substitutions. <i>World Journal of Hepatology</i> , 2017 , 9, 1064-1072	3.4	8
31	FIB-4 Index and Diabetes Mellitus Are Associated with Chronic Kidney Disease in Japanese Patients with Non-Alcoholic Fatty Liver Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	8
30	Effect of pemafibrate on fatty acid levels and liver enzymes in non-alcoholic fatty liver disease patients with dyslipidemia: A single-arm, pilot study. <i>Hepatology Research</i> , 2020 , 50, 1328-1336	5.1	8
29	Early Tumor Shrinkage as a Predictive Factor for Outcomes in Hepatocellular Carcinoma Patients Treated with Lenvatinib: A Multicenter Analysis. <i>Cancers</i> , 2020 , 12,	6.6	7
28	Artificial intelligence/neural network system for the screening of nonalcoholic fatty liver disease and nonalcoholic steatohepatitis. <i>Hepatology Research</i> , 2021 , 51, 554-569	5.1	7
27	Loss of PAR-3 protein expression is associated with invasion, lymph node metastasis, and poor survival in esophageal squamous cell carcinoma. <i>Human Pathology</i> , 2017 , 62, 134-140	3.7	4
26	Effect of Sodium Glucose Cotransporter 2 Inhibitors on Renal Function in Patients with Nonalcoholic Fatty Liver Disease and Type 2 Diabetes in Japan. <i>Diagnostics</i> , 2020 , 10,	3.8	4
25	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. <i>Journal of the Neurological Sciences</i> , 2018 , 385, 134-139	3.2	4
24	Comparison of peg-interferon, ribavirin plus telaprevir vs simeprevir by propensity score matching. <i>World Journal of Hepatology</i> , 2015 , 7, 2841-8	3.4	4
23	Intrahepatic Tumor Burden as a Novel Factor Influencing the Introduction of Second-line Chemotherapy for Hepatocellular Carcinoma. <i>Anticancer Research</i> , 2020 , 40, 3953-3960	2.3	3
22	Aging-associated impairment in metabolic compensation by subcutaneous adipose tissue promotes diet-induced fatty liver disease in mice. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019 , 12, 1473-1492	3.4	3
21	Prediction of a favorable clinical course in hepatitis C virus carriers with persistently normal serum alanine aminotransferase levels: A long-term follow-up study. <i>Hepatology Research</i> , 2013 , 43, 557-62	5.1	3
20	Impact of Insufficient Response with an Increase in Tumor Number in Predicting Transcatheter Arterial Chemoembolization Refractoriness for Hepatocellular Carcinoma. <i>Digestive Diseases</i> , 2018 , 36, 385-394	3.2	3
19	The Appropriate Opportunity for Evaluating Liver Fibrosis by Using the FIB-4 Index in Patients with Nonalcoholic Fatty Liver Disease in Japan. <i>Diagnostics</i> , 2020 , 10,	3.8	2

18	Case Report: Chronic Adaptive Deep Brain Stimulation Personalizing Therapy Based on Parkinsonian State. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 702961	3.3	2
17	White matter alterations in Parkinson's disease with levodopa-induced dyskinesia. <i>Parkinsonism and Related Disorders</i> , 2021 , 90, 8-14	3.6	2
16	Stability Enhancement of Small-Scale Power Grid with Renewable Power Sources by Variable Speed Diesel Power Plant*. <i>Journal of Power and Energy Engineering</i> , 2020 , 08, 1-17	0.7	1
15	A case report of successful treatment with a cholesterol absorption inhibitor for decompensated burned-out NASH. <i>Acta Hepatologica Japonica</i> , 2009 , 50, 532-539	0.3	1
14	PPAR α agonist and metformin co-treatment ameliorates NASH in mice induced by a choline-deficient, amino acid-defined diet with 45% fat. <i>Scientific Reports</i> , 2020 , 10, 19578	4.9	1
13	The Effect of Genetic Polymorphism in Response to Body Weight Reduction in Japanese Patients with Nonalcoholic Fatty Liver Disease. <i>Genes</i> , 2021 , 12,	4.2	1
12	Novel artificial intelligent/neural network system for staging of nonalcoholic steatohepatitis. <i>Hepatology Research</i> , 2021 , 51, 1044-1057	5.1	1
11	A novel rapid immunoassay of serum type IV collagen 7S for the diagnosis of fibrosis stage of nonalcoholic fatty liver diseases. <i>Hepatology Research</i> , 2021 , 51, 263-276	5.1	1
10	SOX2 enhances cell survival and induces resistance to apoptosis under serum starvation conditions through the AKT/GSK-3 β signaling pathway in esophageal squamous cell carcinoma. <i>Oncology Letters</i> , 2021 , 21, 269	2.6	1
9	Honokiol Acts as a Potent Anti-Fibrotic Agent in the Liver through Inhibition of TGF- β /SMAD Signaling and Autophagy in Hepatic Stellate Cells.. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
8	Hepatitis C virus eradication prolongs overall survival in hepatocellular carcinoma patients receiving molecular-targeted agents.. <i>Journal of Gastroenterology</i> , 2022 , 57, 90	6.9	0
7	White matter and nigral alterations in multiple system atrophy-parkinsonian type. <i>Npj Parkinsons Disease</i> , 2021 , 7, 96	9.7	0
6	Enhanced Antitumor Effect in Liver Cancer by Amino Acid Depletion-Induced Oxidative Stress. <i>Frontiers in Oncology</i> , 2021 , 11, 758549	5.3	0
5	Effectiveness and safety of chronic hepatitis C treatment with direct-acting antivirals in patients with rheumatic diseases: A case-series. <i>Modern Rheumatology</i> , 2020 , 30, 1009-1015	3.3	0
4	Tyrosine Kinase Inhibitors Stimulate HLA Class I Expression by Augmenting the IFN γ /STAT1 Signaling in Hepatocellular Carcinoma Cells. <i>Frontiers in Oncology</i> , 2021 , 11, 707473	5.3	0
3	Loss of KAP3 decreases intercellular adhesion and impairs intracellular transport of laminin in signet ring cell carcinoma of the stomach.. <i>Scientific Reports</i> , 2022 , 12, 5050	4.9	0
2	Treatment extension may benefit female genotype 1 chronic hepatitis C patients with complete early virological response to peginterferon-alpha-2b and ribavirin combination therapy. <i>Hepatology Research</i> , 2012 , 42, 966-73	5.1	
1	The Association between the Platelet Count and Liver Volume in Compensated Cirrhosis Patients after the Eradication of Hepatitis C virus by Direct-acting Antivirals. <i>Internal Medicine</i> , 2020 , 59, 1811-1817	11.1	

