Pavel Strnad

List of Publications by Year in descending order

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DAVEL STONAD

#	Article	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Liver — guardian, modifier and target of sepsis. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 55-66.	17.8	371
3	From Mallory to Mallory–Denk bodies: What, how and why?. Experimental Cell Research, 2007, 313, 2033-2049.	2.6	304
4	The PREDICT study uncovers three clinical courses of acutely decompensated cirrhosis that have distinct pathophysiology. Journal of Hepatology, 2020, 73, 842-854.	3.7	282
5	Alpha ₁ -Antitrypsin Deficiency. New England Journal of Medicine, 2020, 382, 1443-1455.	27.0	269
6	Toward unraveling the complexity of simple epithelial keratins in human disease. Journal of Clinical Investigation, 2009, 119, 1794-1805.	8.2	231
7	Keratins in health and disease. Current Opinion in Cell Biology, 2015, 32, 73-81.	5.4	193
8	Keratins let liver live: Mutations predispose to liver disease and crosslinking generates Mallory-Denk bodies. Hepatology, 2007, 46, 1639-1649.	7.3	148
9	Reversal of liver fibrosis: From fiction to reality. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2017, 31, 129-141.	2.4	128
10	Hepatic activation of IKK/NFκB signaling induces liver fibrosis via macrophage-mediated chronic inflammation. Hepatology, 2012, 56, 1117-1128.	7.3	120
11	Hypothermic Oxygenated Machine Perfusion Reduces Early Allograft Injury and Improves Post-transplant Outcomes in Extended Criteria Donation Liver Transplantation From Donation After Brain Death. Annals of Surgery, 2021, 274, 705-712.	4.2	118
12	Cytoskeletal keratin glycosylation protects epithelial tissue from injury. Nature Cell Biology, 2010, 12, 876-885.	10.3	111
13	Heterozygous carriage of the alpha1-antitrypsin Pi*Z variant increases the risk to develop liver cirrhosis. Gut, 2019, 68, 1099-1107.	12.1	100
14	Keratins: Biomarkers and modulators of apoptotic and necrotic cell death in the liver. Hepatology, 2016, 64, 966-976.	7.3	95
15	Iron Parameters Determine the Prognosis of Critically III Patients*. Critical Care Medicine, 2016, 44, 1049-1058.	0.9	86
16	Liver Fibrosis and Metabolic Alterations in Adults With alpha-1-antitrypsin Deficiency Caused by the Pi*ZZ Mutation. Gastroenterology, 2019, 157, 705-719.e18.	1.3	82
17	Association of Telomere Length With Risk of Disease and Mortality. JAMA Internal Medicine, 2022, 182, 291.	5.1	81
18	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. Journal of Hepatology, 2021, 74, 20-30.	3.7	77

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19	Keratin Variants Predispose to Acute Liver Failure and Adverse Outcome: Race and Ethnic Associations. Gastroenterology, 2010, 139, 828-835.e3.	1.3	72
20	Keratins are novel markers of renal epithelial cell injury. Kidney International, 2016, 89, 792-808.	5.2	72
21	Hepcidin is localised in gastric parietal cells, regulates acid secretion and is induced by <i>Helicobacter pylori</i> infection. Gut, 2012, 61, 193-201.	12.1	71
22	lschemia-Reperfusion Injury in Marginal Liver Grafts and the Role of Hypothermic Machine Perfusion: Molecular Mechanisms and Clinical Implications. Journal of Clinical Medicine, 2020, 9, 846.	2.4	71
23	Imbalanced gut microbiota fuels hepatocellular carcinoma development by shaping the hepatic inflammatory microenvironment. Nature Communications, 2022, 13, .	12.8	68
24	Unique amino acid signatures that are evolutionarily conserved distinguish simple-type, epidermal and hair keratins. Journal of Cell Science, 2011, 124, 4221-4232.	2.0	67
25	Transglutaminase 2 Regulates Mallory Body Inclusion Formation and Injury-Associated Liver Enlargement. Gastroenterology, 2007, 132, 1515-1526.	1.3	66
26	Keratins modulate the shape and function of hepatocyte mitochondria: a mechanism for protection from apoptosis. Journal of Cell Science, 2009, 122, 3851-3855.	2.0	64
27	Keratin 8 overexpression promotes mouse Mallory body formation. Journal of Cell Biology, 2005, 171, 931-937.	5.2	63
28	Liver Phenotypes of European Adults Heterozygous or Homozygous for Piâ^—Z Variant of AAT (Piâ^—MZ vs) Tj E	TQq0,001 1.3	gBT /Overloc
29	Keratin variants associate with progression of fibrosis during chronic hepatitis C infection. Hepatology, 2006, 43, 1354-1363.	7.3	62
30	Myosteatosis to predict inferior perioperative outcome in patients undergoing orthotopic liver transplantation. American Journal of Transplantation, 2020, 20, 493-503.	4.7	62
31	Keratin Mutation Predisposes to Mouse Liver Fibrosis and Unmasks Differential Effects of the Carbon Tetrachloride and Thioacetamide Models. Gastroenterology, 2008, 134, 1169-1179.	1.3	57
32	Liver – master and servant of serum proteome. Journal of Hepatology, 2018, 69, 512-524.	3.7	55
33	Keratins. Current Opinion in Gastroenterology, 2012, 28, 209-216.	2.3	54
34	Hepcidin knockout mice fed with iron-rich diet develop chronic liver injury and liver fibrosis due to lysosomal iron overload. Journal of Hepatology, 2014, 61, 633-641.	3.7	54
35	Hepcidin inhibits Smad3 phosphorylation in hepatic stellate cells by impeding ferroportin-mediated regulation of Akt. Nature Communications, 2016, 7, 13817.	12.8	54
36	Canonical NFâ€IºB signaling in hepatocytes acts as a tumorâ€suppressor in hepatitis B virus surface antigenâ€driven hepatocellular carcinoma by controlling the unfolded protein response. Hepatology, 2016, 63, 1592-1607.	7.3	51

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37	Hsp72 protects against liver injury via attenuation of hepatocellular death, oxidative stress, and JNK signaling. Journal of Hepatology, 2018, 68, 996-1005.	3.7	51
38	The Medium-Chain Fatty Acid Receptor GPR84 Mediates Myeloid Cell Infiltration Promoting Steatohepatitis and Fibrosis. Journal of Clinical Medicine, 2020, 9, 1140.	2.4	49
39	The genetic background modulates susceptibility to mouse liver Mallory-Denk body formation and liver injury. Hepatology, 2008, 48, 943-952.	7.3	45
40	Desmoglein 2, but not desmocollin 2, protects intestinal epithelia from injury. Mucosal Immunology, 2018, 11, 1630-1639.	6.0	45
41	Keratin variants are overrepresented in primary biliary cirrhosis and associate with disease severity. Hepatology, 2009, 50, 546-554.	7.3	44
42	Fazirsiran for Liver Disease Associated with Alpha ₁ -Antitrypsin Deficiency. New England Journal of Medicine, 2022, 387, 514-524.	27.0	42
43	High-fat diet triggers Mallory-Denk body formation through misfolding and crosslinking of excess keratin 8. Hepatology, 2014, 60, 169-178.	7.3	41
44	Analysis of Keratin Polypeptides 8 and 19 Variants in Inflammatory Bowel Disease. Clinical Gastroenterology and Hepatology, 2007, 5, 857-864.	4.4	39
45	Broad Spectrum of Hepatocyte Inclusions in Humans, Animals, and Experimental Models. , 2013, 3, 1393-1436.		39
46	In Severe Alcoholic Hepatitis, Serum Keratin-18 Fragments Are Diagnostic, Prognostic, and Theragnostic Biomarkers. American Journal of Gastroenterology, 2020, 115, 1857-1868.	0.4	39
47	Low serum transferrin correlates with acuteâ€onâ€chronic organ failure and indicates shortâ€term mortality in decompensated cirrhosis. Liver International, 2017, 37, 232-241.	3.9	38
48	Hepcidin knockout mice spontaneously develop chronic pancreatitis owing to cytoplasmic iron overload in acinar cells. Journal of Pathology, 2017, 241, 104-114.	4.5	36
49	Keratin Overexpression Levels Correlate with the Extent of Spontaneous Pancreatic Injury. American Journal of Pathology, 2008, 172, 882-892.	3.8	34
50	Left- versus right-sided hepatectomy with hilar en-bloc resection in perihilar cholangiocarcinoma. Hpb, 2020, 22, 437-444.	0.3	33
51	Keratin 18 overexpression but not phosphorylation or filament organization blocks mouse Mallory body formation. Hepatology, 2007, 45, 88-96.	7.3	32
52	Keratin 23 is a stress-inducible marker of mouse and human ductular reaction in liver disease. Journal of Hepatology, 2016, 65, 552-559.	3.7	32
53	Keratin 8 phosphorylation regulates its transamidation and hepatocyte Malloryâ€Denk body formation. FASEB Journal, 2012, 26, 2318-2326.	0.5	31
54	p62/Sequestosome-1 Is Indispensable for Maturation and Stabilization of Mallory-Denk Bodies. PLoS ONE, 2016, 11, e0161083.	2.5	31

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55	Alpha-1 antitrypsin deficiency: A re-surfacing adult liver disorder. Journal of Hepatology, 2022, 76, 946-958.	3.7	30
56	Enhanced expression of c-myc in hepatocytes promotes initiation and progression of alcoholic liver disease. Journal of Hepatology, 2016, 64, 628-640.	3.7	29
57	High Keratin 8/18 Ratio Predicts Aggressive Hepatocellular Cancer Phenotype. Translational Oncology, 2019, 12, 256-268.	3.7	28
58	The role of recipient myosteatosis in graft and patient survival after deceased donor liver transplantation. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 358-367.	7.3	28
59	Hepatobiliary phenotypes of adults with alpha-1 antitrypsin deficiency. Gut, 2022, 71, 415-423.	12.1	28
60	In alcoholic cirrhosis, lowâ€serum hepcidin levels associate with poor longâ€ŧerm survival. Liver International, 2016, 36, 185-188.	3.9	27
61	Keratins 8 and 18 are type <scp>II</scp> acuteâ€phase responsive genes overexpressed in human liver disease. Liver International, 2015, 35, 1203-1212.	3.9	26
62	Potential value and limitations of different clinical scoring systems in the assessment of short- and long-term outcome following orthotopic liver transplantation. PLoS ONE, 2019, 14, e0214221.	2.5	25
63	Loss of keratin 19 favours the development of cholestatic liver disease through decreased ductular reaction. Journal of Pathology, 2015, 237, 343-354.	4.5	24
64	Comparison of non-invasive assessment of liver fibrosis in patients with alpha1-antitrypsin deficiency using magnetic resonance elastography (MRE), acoustic radiation force impulse (ARFI) Quantification, and 2D-shear wave elastography (2D-SWE). PLoS ONE, 2018, 13, e0196486.	2.5	24
65	Serum Transferrin Is an Independent Predictor of Mortality in Severe Alcoholic Hepatitis. American Journal of Gastroenterology, 2020, 115, 398-405.	0.4	24
66	Endoglin in human liver disease and murine models of liver fibrosis—A protective factor against liver fibrosis. Liver International, 2018, 38, 858-867.	3.9	23
67	Assessment of liver phenotype in adults with severe alpha-1 antitrypsin deficiency (Pi*ZZ genotype). Journal of Hepatology, 2019, 71, 1272-1274.	3.7	22
68	Modern therapeutic approaches to liver-related disorders. Journal of Hepatology, 2022, 76, 1392-1409.	3.7	22
69	"Toxic memory―via chaperone modification is a potential mechanism for rapid mallory-denk body reinduction. Hepatology, 2008, 48, 931-942.	7.3	20
70	Human keratin 8 variants promote mouse acetaminophen hepatotoxicity coupled with câ€jun aminoâ€ŧerminal kinase activation and protein adduct formation. Hepatology, 2015, 62, 876-886.	7.3	20
71	A genome-first approach to mortality and metabolic phenotypes in MTARC1 p.Ala165Thr (rs2642438) heterozygotes and homozygotes. Med, 2021, 2, 851-863.e3.	4.4	20
72	Alpha1-antitrypsin deficiency: New therapies on the horizon. Current Opinion in Pharmacology, 2021, 59, 149-156.	3.5	20

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73	The role of ALPPS in intrahepatic cholangiocarcinoma. Langenbeck's Archives of Surgery, 2019, 404, 885-894.	1.9	19
74	ALPPS versus two-stage hepatectomy for colorectal liver metastases—–a comparative retrospective cohort study. World Journal of Surgical Oncology, 2020, 18, 140.	1.9	19
75	Oblique Bile Duct Predisposes to the Recurrence of Bile Duct Stones. PLoS ONE, 2013, 8, e54601.	2.5	18
76	Epiplakin attenuates experimental mouse liver injury by chaperoning keratin reorganization. Journal of Hepatology, 2015, 62, 1357-1366.	3.7	18
77	Prevalence of genetic variants of keratins 8 and 18 in patients with drug-induced liver injury. BMC Medicine, 2015, 13, 196.	5.5	17
78	Decrease of renal resistance during hypothermic oxygenated machine perfusion is associated with early allograft function in extended criteria donation kidney transplantation. Scientific Reports, 2020, 10, 17726.	3.3	16
79	<scp>CHOP</scp> â€mediated hepcidin suppression modulates hepatic iron load. Journal of Pathology, 2013, 231, 532-542.	4.5	15
80	Low Serum Hepcidin Is Associated With Reduced Shortâ€Term Survival in Adults With Acute Liver Failure. Hepatology, 2019, 69, 2136-2149.	7.3	15
81	Denaturing temperature selection may underestimate keratin mutation detection by DHPLC. Human Mutation, 2006, 27, 444-452.	2.5	14
82	Hsp72 Overexpression Accelerates the Recovery from Caerulein-Induced Pancreatitis. PLoS ONE, 2012, 7, e39972.	2.5	14
83	Low Postoperative Platelet Counts Are Associated with Major Morbidity and Inferior Survival in Adult Recipients of Orthotopic Liver Transplantation. Journal of Gastrointestinal Surgery, 2020, 24, 1996-2007.	1.7	14
84	Various myosteatosis selection criteria and their value in the assessment of short- and long-term outcomes following liver transplantation. Scientific Reports, 2021, 11, 13368.	3.3	13
85	Microgels Sopping Up Toxins—GM1a-Functionalized Microgels as Scavengers for Cholera Toxin. ACS Applied Materials & Interfaces, 2019, 11, 25017-25023.	8.0	12
86	Non-Coding Keratin Variants Associate with Liver Fibrosis Progression in Patients with Hemochromatosis. PLoS ONE, 2012, 7, e32669.	2.5	12
87	The cytoskeleton in nonalcoholic steatohepatitis: 100 years old but still youthful. Expert Review of Gastroenterology and Hepatology, 2011, 5, 167-177.	3.0	11
88	Impact of Angiogenesis- and Hypoxia-Associated Polymorphisms on Tumor Recurrence in Patients with Hepatocellular Carcinoma Undergoing Surgical Resection. Cancers, 2020, 12, 3826.	3.7	11
89	Intraoperative Transfusion of Fresh Frozen Plasma Predicts Morbidity Following Partial Liver Resection for Hepatocellular Carcinoma. Journal of Gastrointestinal Surgery, 2021, 25, 1212-1223.	1.7	11
90	Insufficient future liver remnant and preoperative cholangitis predict perioperative outcome in perihilar cholangiocarcinoma. Hpb, 2021, 23, 99-108.	0.3	11

#	Article	IF	CITATIONS
91	Unexpected Pro-Fibrotic Effect of MIF in Non-Alcoholic Steatohepatitis Is Linked to a Shift in NKT Cell Populations. Cells, 2021, 10, 252.	4.1	11
92	Clinical value and limitations of the preoperative Câ€reactiveâ€proteinâ€toâ€albumin ratio in predicting postâ€operative morbidity and mortality after deceasedâ€donor liver transplantation: a retrospective singleâ€centre study. Transplant International, 2021, 34, 1468-1480.	1.6	10
93	SARS-CoV-2 infection in alpha1-antitrypsin deficiency. Respiratory Medicine, 2021, 184, 106466.	2.9	10
94	Phenomeâ€wide association study in adult coeliac disease: role of HLA subtype. Alimentary Pharmacology and Therapeutics, 2021, 53, 510-518.	3.7	10
95	Epiplakin Deficiency Aggravates Murine Caerulein-Induced Acute Pancreatitis and Favors the Formation of Acinar Keratin Granules. PLoS ONE, 2014, 9, e108323.	2.5	9
96	Identifying Efficient <i>Clostridium difficile</i> Toxin A Binders with a Multivalent Neo-Glycoprotein Glycan Library. Bioconjugate Chemistry, 2019, 30, 2373-2383.	3.6	9
97	Non-Invasive Assessment and Management of Liver Involvement in Adults With Alpha-1 Antitrypsin Deficiency. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 260-271.	0.7	9
98	Genetic Variant of CXCR1 (rs2234671) Associates with Clinical Outcome in Perihilar Cholangiocarcinoma. Liver Cancer, 2022, 11, 162-173.	7.7	9
99	Liver Fibrosis—From Mechanisms of Injury to Modulation of Disease. Frontiers in Medicine, 2021, 8, 814496.	2.6	9
100	Serum transferrin as a biomarker of hepatocyte nuclear factor 4 alpha activity and hepatocyte function in liver diseases. BMC Medicine, 2021, 19, 39.	5.5	8
101	Inflammatory activation of surface molecule shedding by upregulation of the pseudoprotease iRhom2 in colon epithelial cells. Scientific Reports, 2021, 11, 24230.	3.3	8
102	Liver transplantation in malignant disease. World Journal of Clinical Oncology, 2021, 12, 623-645.	2.3	7
103	Hepatobiliary phenotype of individuals with chronic intestinal disorders. Scientific Reports, 2021, 11, 19954.	3.3	7
104	Desmoplakin Maintains Transcellular Keratin Scaffolding and Protects From Intestinal Injury. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1181-1200.	4.5	7
105	The Relationship between Plasma Alpha-1-Antitrypsin Polymers and Lung or Liver Function in ZZ Alpha-1-Antitrypsin-Deficient Patients. Biomolecules, 2022, 12, 380.	4.0	7
106	Simple Epithelial Keratins. Methods in Enzymology, 2016, 568, 351-388.	1.0	6
107	Deregulation of Hepatic Mek1/2–Erk1/2 Signaling Module in Iron Overload Conditions. Pharmaceuticals, 2019, 12, 70.	3.8	6
108	Mild Iron Overload as Seen in Individuals Homozygous for the Alpha-1 Antitrypsin Pi*Z Variant Does Not Promote Liver Fibrogenesis in HFE Knockout Mice. Cells, 2019, 8, 1415.	4.1	6

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109	PNPLA3 and SERPINA1 Variants Are Associated with Severity of Fatty Liver Disease at First Referral to a Tertiary Center. Journal of Personalized Medicine, 2021, 11, 165.	2.5	6
110	Mortality in Patients With Genetic and Environmental Risk of Liver Disease. American Journal of Gastroenterology, 2021, 116, 1741-1745.	0.4	6
111	The prognostic impact of preoperative body composition in perihilar and intrahepatic cholangiocarcinoma. Hepatology Communications, 2022, 6, 2400-2417.	4.3	6
112	Reply to: "Hepatic hepcidin expression is decreased in cirrhosis and HCC― Journal of Hepatology, 2015, 62, 979-980.	3.7	5
113	Identification of Keratin 23 as a Hepatitis C Virus-Induced Host Factor in the Human Liver. Cells, 2019, 8, 610.	4.1	5
114	DEFIâ€ALFA: The French key to the alpha1 mystery?. Liver International, 2019, 39, 1019-1021.	3.9	5
115	Serum keratin 19 (CYFRA21-1) links ductular reaction with portal hypertension and outcome of various advanced liver diseases. BMC Medicine, 2020, 18, 336.	5.5	5
116	New <i>cis</i> -Acting Variants in PI*S Background Produce Null Phenotypes Causing Alpha-1 Antitrypsin Deficiency. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 444-451.	2.9	5
117	Expression of Interferons Lambda 3 and 4 Induces Identical Response in Human Liver Cell Lines Depending Exclusively on Canonical Signaling. International Journal of Molecular Sciences, 2021, 22, 2560.	4.1	5
118	Serum keratin 19 (<scp>CYFRA21</scp> â€1) is a prognostic biomarker in severe alcoholic hepatitis. Liver International, 2022, 42, 1049-1057.	3.9	5
119	Shear Wave Elastography and Shear Wave Dispersion Imaging in the Assessment of Liver Disease in Alpha1-Antitrypsin Deficiency. Diagnostics, 2021, 11, 629.	2.6	4
120	Polymerization of misfolded Z alpha-1 antitrypsin protein lowers CX3CR1 expression in human PBMCs. ELife, 2021, 10, .	6.0	4
121	The Role of Telomeres in Liver Disease. Progress in Molecular Biology and Translational Science, 2014, 125, 159-172.	1.7	3
122	Heterozygosity for the Alphaâ€lâ€Antitrypsin Z Allele in Cirrhosis Is Associated With More Advanced Disease. Liver Transplantation, 2019, 25, 342-343.	2.4	3
123	Reply. Gastroenterology, 2021, 160, 1875-1877.	1.3	3
124	Pathophysiology of Chronic Liver Disease Development. International Journal of Molecular Sciences, 2022, 23, 3385.	4.1	2
125	Dual proteotoxic stress accelerates liver injury via activation of <scp>p62â€Nrf2</scp> . Journal of Pathology, 2021, 254, 80-91.	4.5	1
126	Clinical approach to liver disease in adults with AATD. , 2019, , 114-126.		1

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127	Loss of Intestinal Epithelial Desmoglein 2 Leads to Desmosomal Remodelling and Increased Intestinal Permeability and Predisposes to Development of Colitis and Adenoma. Gastroenterology, 2017, 152, S119-S120.	1.3	0
128	PS-197-Heterozygous alphal-antitrypsin deficiency (Pi*MZ) is associated with increased liver stiffness and elevated liver enzymes in a multi-center European cohort. Journal of Hepatology, 2019, 70, e122.	3.7	0
129	THU-265-In severe alcoholic hepatitis, serum transferrin indicates impaired HNF4a signaling and predicts mortality independently of disease severity. Journal of Hepatology, 2019, 70, e278-e279.	3.7	0
130	SAT-417-Serum levels of keratin 19 fragments (CYFRA 21-1) are elevated in advanced liver disease and predict poor survival. Journal of Hepatology, 2019, 70, e818.	3.7	0
131	Response to Diao et al American Journal of Gastroenterology, 2020, 115, 958-958.	0.4	0
132	Response to Sainath et al American Journal of Gastroenterology, 2020, 115, 1136-1137.	0.4	0
133	Liver Fibrosis Assessment in Adults with Alpha1-Antitrypsin Deficiency. , 2020, , 187-195.		0
134	PiS and PiS-plus alleles. The importance of phasing gene variants in Alpha-1 Antitrypsin Deficiency. , 2020, , .		0
135	Serum proteomic characterisation in acute liver failure. Zeitschrift Fur Gastroenterologie, 2022, 60, .	0.5	0
136	Editorial: towards an understanding of increased mortality in coeliac disease—authors' reply. Alimentary Pharmacology and Therapeutics, 2021, 53, 656-656.	3.7	0