

# Milan Jirsa

## List of Publications by Year in descending order

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87  
papers

2,793  
citations

236612

25  
h-index

182168

51  
g-index

87  
all docs

87  
docs citations

87  
times ranked

4042  
citing authors

#	ARTICLE	IF	CITATIONS
1	A mutation in the SAA1 promoter causes hereditary amyloid A amyloidosis. <i>Kidney International</i> , 2022, 101, 349-359.	2.6	10
2	The interactions between DNA nanostructures and cells: A critical overview from a cell biology perspective. <i>Acta Biomaterialia</i> , 2022, 146, 10-22.	4.1	10
3	Liver stiffness measured by two-dimensional shear-wave elastography predicts hepatic vein pressure gradient at high values in liver transplant candidates with advanced liver cirrhosis. <i>PLoS ONE</i> , 2021, 16, e0244934.	1.1	6
4	Expression of Interferons Lambda 3 and 4 Induces Identical Response in Human Liver Cell Lines Depending Exclusively on Canonical Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2560.	1.8	5
5	Alpha-1 Antitrypsin and Hepatocellular Carcinoma in Liver Cirrhosis: SERPINA1 MZ or MS Genotype Carriage Decreases the Risk. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10560.	1.8	8
6	Light-induced modulation of the mitochondrial respiratory chain activity: possibilities and limitations. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2815-2838.	2.4	29
7	ABCB4 disease: Many faces of one gene deficiency. <i>Annals of Hepatology</i> , 2020, 19, 126-133.	0.6	35
8	Donor PNPLA3 and TM6SF2 Variant Alleles Confer Additive Risks for Graft Steatosis After Liver Transplantation. <i>Transplantation</i> , 2020, 104, 526-534.	0.5	16
9	Analyzing the mechanisms of iron oxide nanoparticles interactions with cells: A road from failure to success in clinical applications. <i>Journal of Controlled Release</i> , 2020, 328, 59-77.	4.8	72
10	Hepatic Tumor Cell Morphology Plasticity under Physical Constraints in 3D Cultures Driven by YAP-mTOR Axis. <i>Pharmaceuticals</i> , 2020, 13, 430.	1.7	5
11	Iron Oxide Nanoparticle-Induced Autophagic Flux Is Regulated by Interplay between p53-mTOR Axis and Bcl-2 Signaling in Hepatic Cells. <i>Cells</i> , 2020, 9, 1015.	1.8	25
12	Progressive lysosomal membrane permeabilization induced by iron oxide nanoparticles drives hepatic cell autophagy and apoptosis. <i>Nano Convergence</i> , 2020, 7, 17.	6.3	19
13	Olgu sunumu: moleküler düzeyde tanı konulmuş olan ilk Türk Rotor sendromlu aile. <i>Türk Pediatri Arsivi</i> , 2020, 55, 430-433.	0.9	0
14	ABCB4 disease mimicking morbus Wilson: A potential diagnostic pitfall. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2020, 164, 121-125.	0.2	2
15	Dubin-Johnson syndrome in Tunisia: Spectrum of a rare disease. <i>Presse Medicale</i> , 2019, 48, 81-82.	0.8	1
16	PNPLA3 rs738409 G allele carriers with genotype 1b HCV cirrhosis have lower viral load but develop liver failure at younger age. <i>PLoS ONE</i> , 2019, 14, e0222609.	1.1	3
17	IL28B rs12979860 T allele protects against CMV disease in liver transplant recipients in the post-ophylaxis and late period. <i>Transplant Infectious Disease</i> , 2019, 21, e13124.	0.7	5
18	Beyond an Obvious Cause of Cholestasis in a Toddler: Compound Heterozygosity for ABCB11 Mutations. <i>Pediatrics</i> , 2019, 143, .	1.0	8

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19	Remote Actuation of Apoptosis in Liver Cancer Cells via Magneto-Mechanical Modulation of Iron Oxide Nanoparticles. <i>Cancers</i> , 2019, 11, 1873.	1.7	40
20	Functional evaluation of variants of unknown significance in the <i>BRCA2</i> gene identified in genetic testing. <i>Cancer Biology and Therapy</i> , 2019, 20, 633-641.	1.5	1
21	Targeting the mTOR Signaling Pathway Utilizing Nanoparticles: A Critical Overview. <i>Cancers</i> , 2019, 11, 82.	1.7	34
22	Non-Thermal Plasma, as a New Physicochemical Source, to Induce Redox Imbalance and Subsequent Cell Death in Liver Cancer Cell Lines. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 119-140.	1.1	33
23	Donor PNPLA3 rs738409 genotype is a risk factor for graft steatosis. A post-transplant biopsy-based study. <i>Digestive and Liver Disease</i> , 2018, 50, 490-495.	0.4	25
24	Variable X-chromosome inactivation and enlargement of pericentral glutamine synthetase zones in the liver of heterozygous females with OTC deficiency. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 472, 1029-1039.	1.4	12
25	Manipulating the mitochondria activity in human hepatic cell line Huh7 by low-power laser irradiation. <i>Biomedical Optics Express</i> , 2018, 9, 1283.	1.5	21
26	New Insights in Genetic Cholestasis: From Molecular Mechanisms to Clinical Implications. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2018, 2018, 1-12.	0.8	59
27	Chemically different non-thermal plasmas target distinct cell death pathways. <i>Scientific Reports</i> , 2017, 7, 600.	1.6	36
28	Cytotoxic bilirubin metabolites overlooked so far. <i>Journal of Hepatology</i> , 2017, 67, 214-215.	1.8	2
29	Nanoparticle core stability and surface functionalization drive the mTOR signaling pathway in hepatocellular cell lines. <i>Scientific Reports</i> , 2017, 7, 16049.	1.6	38
30	Hepcidin knockout mice spontaneously develop chronic pancreatitis owing to cytoplasmic iron overload in acinar cells. <i>Journal of Pathology</i> , 2017, 241, 104-114.	2.1	36
31	The use of pulsed magnetic fields to increase the uptake of iron oxide nanoparticles by living cells. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	19
32	Prevalence and risk factors of steatosis after liver transplantation and patient outcomes. <i>Liver Transplantation</i> , 2016, 22, 644-655.	1.3	56
33	Modulation of collective cell behaviour by geometrical constraints. <i>Integrative Biology (United Kingdom)</i> 10.1039/c6ib00017a	0.6	17
34	HGSNAT has a TATA-less promoter with multiple starts of transcription. <i>Gene</i> , 2016, 592, 36-42.	1.0	2
35	Successful Treatment of Iron-Overload Cardiomyopathy in Hereditary Hemochromatosis With Deferoxamine and Deferiprone. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1574.e1-1574.e3.	0.8	17
36	Rare variants in known and novel candidate genes predisposing to statin-associated myopathy. <i>Pharmacogenomics</i> , 2016, 17, 1405-1414.	0.6	17

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37	Radionuclide cholescintigraphy in genetically confirmed Rotor syndrome. <i>Pediatrics International</i> , 2015, 57, 981-985.	0.2	1
38	USP18 downregulation in peripheral blood mononuclear cells predicts nonresponse to interferon-based triple therapy in patients with chronic hepatitis C, genotype 1: a pilot study. <i>Therapeutics and Clinical Risk Management</i> , 2015, 11, 1853.	0.9	2
39	Hereditary haemochromatosis caused by homozygous <i>HJV</i> mutation evolved through paternal disomy. <i>Clinical Genetics</i> , 2015, 87, 96-98.	1.0	1
40	NKD1 marks intestinal and liver tumors linked to aberrant Wnt signaling. <i>Cellular Signalling</i> , 2015, 27, 245-256.	1.7	19
41	Alagille Syndrome Mimicking Biliary Atresia in Early Infancy. <i>PLoS ONE</i> , 2015, 10, e0143939.	1.1	21
42	Relevance of low viral load in haemodialysed patients with chronic hepatitis C virus infection. <i>World Journal of Gastroenterology</i> , 2015, 21, 5496.	1.4	8
43	Progressive familial intrahepatic cholestasis type 2 "paediatric patients followed at the Paediatric Clinic of the 2nd Medical Faculty, University Hospital Motol, Prague. <i>Gastroenterologie A Hepatologie</i> , 2015, 69, 547-553.	0.0	0
44	Down-regulation of OATP1B proteins correlates with hyperbilirubinemia in advanced cholestasis. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 5252-62.	0.5	6
45	Treatment of pruritus with Prometheus dialysis and absorption system in a patient with benign recurrent intrahepatic cholestasis. <i>Hepatology Research</i> , 2014, 44, E304-E308.	1.8	10
46	Genetic variation in TNFA predicts protection from severe bacterial infections in patients with end-stage liver disease awaiting liver transplantation. <i>Journal of Hepatology</i> , 2014, 60, 773-781.	1.8	7
47	<i>ABCB4</i> mutations underlie hormonal cholestasis but not pediatric idiopathic gallstones. <i>World Journal of Gastroenterology</i> , 2014, 20, 5867.	1.4	21
48	Troy, a Tumor Necrosis Factor Receptor Family Member, Interacts With Lgr5 to Inhibit Wnt Signaling in Intestinal Stem Cells. <i>Gastroenterology</i> , 2013, 144, 381-391.	0.6	94
49	Ornithine carbamoyltransferase deficiency: molecular characterization of 29 families. <i>Clinical Genetics</i> , 2013, 84, 552-559.	1.0	6
50	New insights in bilirubin metabolism and their clinical implications. <i>World Journal of Gastroenterology</i> , 2013, 19, 6398.	1.4	151
51	Dubin-Johnson syndrome coinciding with colon cancer and atherosclerosis. <i>World Journal of Gastroenterology</i> , 2013, 19, 946.	1.4	12
52	Nasobiliary Drainage in an Episode of Intrahepatic Cholestasis in a Child With Mild <i>ABCB11</i> Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 55, 88-90.	0.9	9
53	Complete OATP1B1 and OATP1B3 deficiency causes human Rotor syndrome by interrupting conjugated bilirubin reuptake into the liver. <i>Journal of Clinical Investigation</i> , 2012, 122, 519-528.	3.9	321
54	FAT MASS AND OBESITY-ASSOCIATED (FTO) GENE AND ALCOHOL INTAKE. <i>Addiction</i> , 2012, 107, 1185-1186.	1.7	7

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55	ATP8B1 Gene Expression Is Driven by a Housekeeping-Like Promoter Independent of Bile Acids and Farnesoid X Receptor. <i>PLoS ONE</i> , 2012, 7, e51650.	1.1	4
56	Glucocerebrosidase gene has an alternative upstream promoter, which has features and expression characteristic of housekeeping genes. <i>Blood Cells, Molecules, and Diseases</i> , 2011, 46, 239-245.	0.6	6
57	Disruption of OTC promoter-enhancer interaction in a patient with symptoms of ornithine carbamoyltransferase deficiency. <i>Human Mutation</i> , 2010, 31, E1294-E1303.	1.1	14
58	Serum bilirubin levels and UGT1A1 promoter variations in patients with schizophrenia. <i>Psychiatry Research</i> , 2010, 178, 449-450.	1.7	31
59	Do common genetic variants in endotoxin signaling pathway contribute to predisposition to alcoholic liver cirrhosis?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 398-404.	1.4	10
60	N-acetyl cysteine averted liver transplantation in a patient with liver failure caused by erythropoietic protoporphyria. <i>Liver Transplantation</i> , 2009, 15, 352-354.	1.3	7
61	Wilson disease as a cause of liver injury in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2009, 8, 63-65.	0.3	3
62	Novel ABCB11 mutations in a Thai infant with progressive familial intrahepatic cholestasis. <i>World Journal of Gastroenterology</i> , 2009, 15, 4339.	1.4	13
63	<sup>1</sup> H MR spectroscopy as a diagnostic tool for cerebral creatine deficiency. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008, 21, 327-332.	1.1	20
64	Highly sensitive method for quantitative determination of bilirubin in biological fluids and tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 867, 37-42.	1.2	67
65	Severe Bile Salt Export Pump Deficiency: 82 Different ABCB11 Mutations in 109 Families. <i>Gastroenterology</i> , 2008, 134, 1203-1214.e8.	0.6	331
66	CYP7A1 promoter polymorphism $\hat{\sim}$ 203A>C affects bile salt synthesis rate in patients after ileal resection. <i>Journal of Lipid Research</i> , 2008, 49, 2664-2667.	2.0	15
67	Revised King's College score for liver transplantation in adult patients with Wilson's disease. <i>Liver Transplantation</i> , 2007, 13, 55-61.	1.3	51
68	Rotor-type hyperbilirubinaemia has no defect in the canalicular bilirubin export pump. <i>Liver International</i> , 2007, 27, 485-491.	1.9	22
69	Linkage between A(TA) <sub>7</sub> TAA and $\hat{\sim}$ 3279T>G mutations in UGT1A1 is not essential for pathogenesis of Gilbert syndrome. <i>Liver International</i> , 2006, 26, 1302-1303.	1.9	8
70	Dual Hereditary Jaundice: Simultaneous Occurrence of Mutations Causing Gilbert's and Dubin-Johnson Syndrome. <i>Gastroenterology</i> , 2005, 129, 315-320.	0.6	33
71	Indel in the FIC1/ATP8B1 gene? a novel rare type of mutation associated with benign recurrent intrahepatic cholestasis. <i>Hepatology Research</i> , 2004, 30, 1-3.	1.8	1
72	Effect of acute hyperglycaemia on selected plasma and urinary cytokine antagonists in Type 1 diabetes mellitus. <i>Diabetologia</i> , 2003, 46, 470-474.	2.9	3

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73	Relation between hepatic expression of ATP-binding cassette transporters G5 and G8 and biliary cholesterol secretion in mice. <i>Journal of Hepatology</i> , 2003, 38, 710-716.	1.8	78
74	Genetic background of cholesterol gallstone disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2003, 1637, 1-19.	1.8	47
75	Gilbert syndrome and ischemic heart disease: a protective effect of elevated bilirubin levels. <i>Atherosclerosis</i> , 2002, 160, 449-456.	0.4	383
76	Role of biliary proteins and non-protein factors in kinetics of cholesterol crystallisation and gallstone growth. <i>Frontiers in Bioscience - Landmark</i> , 2001, 6, e154.	3.0	18
77	Carcinoembryonic antigen-related cell adhesion molecule 1 is the 85-kilodalton pronase-resistant biliary glycoprotein in the cholesterol crystallization promoting low density protein-lipid complex. <i>Hepatology</i> , 2001, 34, 1075-1082.	3.6	9
78	Soluble Adhesion Molecules and Cytokines in Patients with Myasthenia Gravis Treated by Plasma Exchange. <i>Blood Purification</i> , 2000, 18, 115-120.	0.9	22
79	LONG TERM TREATMENT OF IgA NEPHROPATHY WITH CYCLOSPORINE A. <i>Renal Failure</i> , 2000, 22, 55-62.	0.8	7
80	Intestinal Colonization Leading to Fecal Urobilinoid Excretion May Play a Role in the Pathogenesis of Neonatal Jaundice. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2000, 30, 294-298.	0.9	45
81	Influence of Plasma Exchange on Serum Levels of Cytokines and Adhesion Molecules in ANCA-Positive Renal Vasculitis. <i>Blood Purification</i> , 1998, 16, 72-80.	0.9	56
82	Long-term treatment of IgA nephropathy with cyclosporin A-a preliminary report. <i>Nephrology Dialysis Transplantation</i> , 1997, 12, 2206-2207.	0.4	10
83	Bacterial oxidation of cholic acid by <i>Arthrobacter</i> sp. <i>Folia Microbiologica</i> , 1995, 40, 621-626.	1.1	1
84	Hyperbaric oxygen and photodynamic therapy in tumour-bearing nude mice. <i>European Journal of Cancer &amp; Clinical Oncology</i> , 1991, 27, 109.	0.9	41
85	Influence of hyperbaric oxygenation on bilirubin and ditauobilirubin auto-oxidation and porphyrin-sensitized photo-oxidation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1990, 5, 295-302.	1.7	5
86	The process of continuous production and isolation of coproporphyrin. <i>Biotechnology Letters</i> , 1988, 10, 273-276.	1.1	0
87	Solid phase extraction and isocratic separation of urinary porphyrins by HPLC. <i>Biomedical Chromatography</i> , 1986, 1, 159-162.	0.8	12