

# Claudio Tiribelli

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/764133/claudio-tiribelli-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

280  
papers

15,532  
citations

58  
h-index

118  
g-index

314  
ext. papers

18,828  
ext. citations

6.1  
avg, IF

6.43  
L-index

#	Paper	IF	Citations
280	The Fatty Liver Index: a simple and accurate predictor of hepatic steatosis in the general population. <i>BMC Gastroenterology</i> , <b>2006</b> , 6, 33	3	1135
279	Prevalence of and risk factors for nonalcoholic fatty liver disease: the Dionysos nutrition and liver study. <i>Hepatology</i> , <b>2005</b> , 42, 44-52	11.2	944
278	Prevalence of and risk factors for hepatic steatosis in Northern Italy. <i>Annals of Internal Medicine</i> , <b>2000</b> , 132, 112-7	8	862
277	A new definition for metabolic dysfunction-associated fatty liver disease: An international expert consensus statement. <i>Journal of Hepatology</i> , <b>2020</b> , 73, 202-209	13.4	764
276	MAFLD: A Consensus-Driven Proposed Nomenclature for Metabolic Associated Fatty Liver Disease. <i>Gastroenterology</i> , <b>2020</b> , 158, 1999-2014.e1	13.3	748
275	Prevalence of chronic liver disease in the general population of northern Italy: the Dionysos Study. <i>Hepatology</i> , <b>1994</b> , 20, 1442-9	11.2	432
274	The many functions of APE1/Ref-1: not only a DNA repair enzyme. <i>Antioxidants and Redox Signaling</i> , <b>2009</b> , 11, 601-20	8.4	360
273	Genome-wide meta-analyses identify three loci associated with primary biliary cirrhosis. <i>Nature Genetics</i> , <b>2010</b> , 42, 658-60	36.3	337
272	Hepatitis B virus maintains its pro-oncogenic properties in the case of occult HBV infection. <i>Gastroenterology</i> , <b>2004</b> , 126, 102-10	13.3	327
271	Molecular basis and mechanisms of progression of non-alcoholic steatohepatitis. <i>Trends in Molecular Medicine</i> , <b>2008</b> , 14, 72-81	11.5	324
270	Clinical patterns of hepatocellular carcinoma in nonalcoholic fatty liver disease: A multicenter prospective study. <i>Hepatology</i> , <b>2016</b> , 63, 827-38	11.2	316
269	Proton MR spectroscopy in quantitative in vivo determination of fat content in human liver steatosis. <i>Journal of Magnetic Resonance Imaging</i> , <b>1995</b> , 5, 281-5	5.6	305
268	Noninvasive in vivo quantitative assessment of fat content in human liver. <i>Journal of Hepatology</i> , <b>1997</b> , 27, 108-13	13.4	259
267	Bilirubin-induced neurologic damage--mechanisms and management approaches. <i>New England Journal of Medicine</i> , <b>2013</b> , 369, 2021-30	59.2	207
266	Fatty Infiltration of the Liver. <i>Investigative Radiology</i> , <b>1993</b> , 28, 297-302	10.1	207
265	Global epidemiology of non-alcoholic fatty liver disease/non-alcoholic steatohepatitis: What we need in the future. <i>Liver International</i> , <b>2018</b> , 38 Suppl 1, 47-51	7.9	198
264	The spectrum of liver disease in the general population: lesson from the Dionysos study. <i>Journal of Hepatology</i> , <b>2001</b> , 35, 531-7	13.4	172

263	Incidence and natural course of fatty liver in the general population: the Dionysos study. <i>Hepatology</i> , <b>2007</b> , 46, 1387-91	11.2	157
262	Severity of liver disease with different hepatitis C viral clones. <i>Lancet, The</i> , <b>1991</b> , 338, 509	4.0	155
261	Hepatitis C virus and non-Hodgkin's lymphomas. <i>British Journal of Haematology</i> , <b>1996</b> , 94, 544-50	4.5	154
260	Molecular basis of bilirubin-induced neurotoxicity. <i>Trends in Molecular Medicine</i> , <b>2004</b> , 10, 65-70	11.5	148
259	A simple index of lipid overaccumulation is a good marker of liver steatosis. <i>BMC Gastroenterology</i> , <b>2010</b> , 10, 98	3	140
258	Suppressor of cytokine signaling 3 (SOCS3) expression and hepatitis C virus-related chronic hepatitis: Insulin resistance and response to antiviral therapy. <i>Hepatology</i> , <b>2007</b> , 46, 1009-15	11.2	135
257	Bilirubin protects astrocytes from its own toxicity by inducing up-regulation and translocation of multidrug resistance-associated protein 1 (Mrp1). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 2470-5	11.5	134
256	Differential expression of the multidrug resistance-related proteins ABCB1 and ABCG1 between blood-brain interfaces. <i>Journal of Comparative Neurology</i> , <b>2008</b> , 510, 497-507	3.4	127
255	Different genotypes of hepatitis C virus are associated with different severity of chronic liver disease. <i>Journal of Medical Virology</i> , <b>1994</b> , 43, 291-6	19.7	124
254	Role of cytokines in ethanol-induced cytotoxicity in vitro in Hep G2 cells. <i>Gastroenterology</i> , <b>1998</b> , 115, 157-66	13.3	110
253	High prevalence of celiac disease in Italian general population. <i>Digestive Diseases and Sciences</i> , <b>2001</b> , 46, 1500-5	4	108
252	Unbound (free) bilirubin: improving the paradigm for evaluating neonatal jaundice. <i>Clinical Chemistry</i> , <b>2009</b> , 55, 1288-99	5.5	99
251	The pediatric NAFLD fibrosis index: a predictor of liver fibrosis in children with non-alcoholic fatty liver disease. <i>BMC Medicine</i> , <b>2009</b> , 7, 21	11.4	98
250	The epidemiology of fatty liver. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2004</b> , 16, 1087-93	2.2	94
249	Affinity of human serum albumin for bilirubin varies with albumin concentration and buffer composition: results of a novel ultrafiltration method. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 29953-60	5.4	94
248	DNA oxidative damage in leukocytes correlates with the severity of HCV-related liver disease: validation in an open population study. <i>Journal of Hepatology</i> , <b>2001</b> , 34, 587-92	13.4	92
247	A Novel Perspective on the Biology of Bilirubin in Health and Disease. <i>Trends in Molecular Medicine</i> , <b>2016</b> , 22, 758-768	11.5	91
246	Molecular mechanisms for the hepatic uptake of magnetic resonance imaging contrast agents. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 257, 746-52	3.4	90

245	Effect of intracellular lipid accumulation in a new model of non-alcoholic fatty liver disease. <i>BMC Gastroenterology</i> , <b>2012</b> , 12, 20	3	89
244	Looking to the horizon: the role of bilirubin in the development and prevention of age-related chronic diseases. <i>Clinical Science</i> , <b>2015</b> , 129, 1-25	6.5	86
243	Bilirubin mediated oxidative stress involves antioxidant response activation via Nrf2 pathway. <i>Cellular Signalling</i> , <b>2014</b> , 26, 512-20	4.9	86
242	Effects of maturation on RNA transcription and protein expression of four MRP genes in human placenta and in BeWo cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 303, 259-65	3.4	82
241	Inhibition of glutamate uptake by unconjugated bilirubin in cultured cortical rat astrocytes: role of concentration and pH. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 265, 67-72	3.4	82
240	Subcellular localization of APE1/Ref-1 in human hepatocellular carcinoma: possible prognostic significance. <i>Molecular Medicine</i> , <b>2007</b> , 13, 89-96	6.2	79
239	Prevalence of hepatocellular carcinoma and relation to cirrhosis: comparison of two different cities of the world--Trieste, Italy, and Chiba, Japan. <i>Hepatology</i> , <b>1989</b> , 10, 998-1002	11.2	74
238	Reassessment of the unbound concentrations of unconjugated bilirubin in relation to neurotoxicity in vitro. <i>Pediatric Research</i> , <b>2003</b> , 54, 98-104	3.2	72
237	Isolation of a sulfobromophthalein-binding protein from hepatocyte plasma membrane. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , <b>1978</b> , 532, 105-12		72
236	Genetic Determinants of Ethanol-Induced Liver Damage. <i>Molecular Medicine</i> , <b>2001</b> , 7, 255-262	6.2	68
235	Familial clustering of Helicobacter pylori infection: population based study. <i>BMJ: British Medical Journal</i> , <b>1999</b> , 319, 537-40		68
234	Effect of tauroursodeoxycholic and ursodeoxycholic acid on ethanol-induced cell injuries in the human Hep G2 cell line. <i>Gastroenterology</i> , <b>1995</b> , 109, 555-63	13.3	68
233	Bilirubin inhibits the TNFalpha-related induction of three endothelial adhesion molecules. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 386, 338-44	3.4	65
232	Tauroursodeoxycholic acid protects hepatocytes from ethanol-fed rats against tumor necrosis factor-induced cell death by replenishing mitochondrial glutathione. <i>Hepatology</i> , <b>2001</b> , 34, 964-71	11.2	65
231	Kinetics and specificity of feline leukemia virus subgroup C receptor (FLVCR) export function and its dependence on hemopexin. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 28874-82	5.4	64
230	The products of YCF1 and YLL015w (BPT1) cooperate for the ATP-dependent vacuolar transport of unconjugated bilirubin in Saccharomyces cerevisiae. <i>Yeast</i> , <b>2000</b> , 16, 561-71	3.4	63
229	Factors affecting the binding of bilirubin to serum albumins: validation and application of the peroxidase method. <i>Pediatric Research</i> , <b>2006</b> , 60, 724-8	3.2	62
228	Galectin-1 and its involvement in hepatocellular carcinoma aggressiveness. <i>Molecular Medicine</i> , <b>2010</b> , 16, 102-15	6.2	61

227	Neonatal Jaundice in Low- and Middle-Income Countries: Lessons and Future Directions from the 2015 Don Ostrow Trieste Yellow Retreat. <i>Neonatology</i> , <b>2016</b> , 110, 172-80	4	61
226	Natural course of chronic HCV and HBV infection and role of alcohol in the general population: the Dionysos Study. <i>American Journal of Gastroenterology</i> , <b>2008</b> , 103, 2248-53	0.7	60
225	The human multidrug-resistance-associated protein MRP1 mediates ATP-dependent transport of unconjugated bilirubin. <i>Biochemical Journal</i> , <b>2004</b> , 383, 335-41	3.8	59
224	Epidemiology of fatty liver: an update. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 9050-4	5.6	59
223	The expression of CD90/Thy-1 in hepatocellular carcinoma: an in vivo and in vitro study. <i>PLoS ONE</i> , <b>2013</b> , 8, e76830	3.7	58
222	Abc protein transport of MRI contrast agents in canalicular rat liver plasma vesicles and yeast vacuoles. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 282, 60-6	3.4	58
221	Reconstitution in vitro of sulfobromophthalein transport by bilitranslocase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1982</b> , 685, 123-8	3.8	57
220	Rescue of bilirubin-induced neonatal lethality in a mouse model of Crigler-Najjar syndrome type I by AAV9-mediated gene transfer. <i>FASEB Journal</i> , <b>2012</b> , 26, 1052-63	0.9	56
219	Biochemical and molecular aspects of the hepatic uptake of organic anions. <i>BBA - Biomembranes</i> , <b>1990</b> , 1031, 261-75		56
218	Life-long correction of hyperbilirubinemia with a neonatal liver-specific AAV-mediated gene transfer in a lethal mouse model of Crigler-Najjar Syndrome. <i>Human Gene Therapy</i> , <b>2014</b> , 25, 844-55	4.8	55
217	Overoxidation of peroxiredoxins as an immediate and sensitive marker of oxidative stress in HepG2 cells and its application to the redox effects induced by ischemia/reperfusion in human liver. <i>Free Radical Research</i> , <b>2005</b> , 39, 255-68	4	54
216	Cytotoxicity is predicted by unbound and not total bilirubin concentration. <i>Pediatric Research</i> , <b>2007</b> , 62, 576-80	3.2	53
215	Mechanisms for the transport of unconjugated bilirubin in human trophoblastic BeWo cells. <i>FEBS Letters</i> , <b>2001</b> , 495, 94-9	3.8	53
214	Ursodiol in the long-term treatment of chronic hepatitis: a double-blind multicenter clinical trial. <i>Journal of Hepatology</i> , <b>1993</b> , 19, 459-64	13.4	52
213	Changing molecular epidemiology of hepatitis C virus infection in Northeast Italy. <i>Journal of Medical Virology</i> , <b>2002</b> , 68, 352-6	19.7	51
212	Further studies on bilitranslocase, a plasma membrane protein involved in hepatic organic anion uptake. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1982</b> , 685, 117-22	3.8	51
211	Bilirubin and the risk of common non-hepatic diseases. <i>Trends in Molecular Medicine</i> , <b>2005</b> , 11, 277-83	11.5	50
210	Proteomic analysis of liver tissues subjected to early ischemia/reperfusion injury during human orthotopic liver transplantation. <i>Proteomics</i> , <b>2006</b> , 6, 3455-65	4.8	49

209	Serum type III procollagen peptide in alcoholic liver disease and idiopathic hemochromatosis: its relationship to hepatic fibrosis, activity of the disease and iron overload. <i>Hepatology</i> , <b>1985</b> , 5, 475-9	11.2	48
208	Molecular determinants in the transport of a bile acid-derived diagnostic agent in tumoral and nontumoral cell lines of human liver. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 319, 809-17	4.7	47
207	Gene Expression of ABC Proteins in Hepatocellular Carcinoma, Perineoplastic Tissue, and Liver Diseases. <i>Molecular Medicine</i> , <b>2002</b> , 8, 318-325	6.2	46
206	Gene and functional up-regulation of the BCRP/ABCG2 transporter in hepatocellular carcinoma. <i>BMC Gastroenterology</i> , <b>2012</b> , 12, 160	3	43
205	Treatment options in Western hepatocellular carcinoma: a prospective study of 224 patients. <i>Journal of Hepatology</i> , <b>1998</b> , 29, 650-9	13.4	42
204	The role of multipotent cancer associated fibroblasts in hepatocarcinogenesis. <i>BMC Cancer</i> , <b>2015</b> , 15, 188	4.8	41
203	Sorafenib Resistance in Hepatocellular Carcinoma: The Relevance of Genetic Heterogeneity. <i>Cancers</i> , <b>2020</b> , 12,	6.6	41
202	Cellular localization of sulfobromophthalein transport activity in rat liver. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1986</b> , 856, 1-10	3.8	41
201	Alterations in the redox state and liver damage: hints from the EASL Basic School of Hepatology. <i>Journal of Hepatology</i> , <b>2013</b> , 58, 365-74	13.4	40
200	Modulation of Mrp1 (ABCC1) and Pgp (ABCB1) by bilirubin at the blood-CSF and blood-brain barriers in the Gunn rat. <i>PLoS ONE</i> , <b>2011</b> , 6, e16165	3.7	40
199	Ethanol-induced apoptosis in vitro. <i>Clinical Biochemistry</i> , <b>1999</b> , 32, 547-55	3.5	39
198	Bilirubin-induced cell toxicity involves PTEN activation through an APE1/Ref-1-dependent pathway. <i>Journal of Molecular Medicine</i> , <b>2007</b> , 85, 1099-112	5.5	38
197	Significance of hepatitis virus infection in the oncogenic initiation of hepatocellular carcinoma. <i>World Journal of Gastroenterology</i> , <b>2016</b> , 22, 1497-512	5.6	38
196	The importance of the interaction between hepatocyte and hepatic stellate cells in fibrogenesis induced by fatty accumulation. <i>Experimental and Molecular Pathology</i> , <b>2015</b> , 98, 85-92	4.4	37
195	The interplay between hepatic stellate cells and hepatocytes in an in vitro model of NASH. <i>Toxicology in Vitro</i> , <b>2015</b> , 29, 1753-8	3.6	37
194	Blood flow changes in hepatocellular carcinoma after the administration of thalidomide assessed by reperfusion kinetics during microbubble infusion: preliminary results. <i>Investigative Radiology</i> , <b>2006</b> , 41, 15-21	10.1	37
193	Specific inhibition of the redox activity of ape1/ref-1 by e3330 blocks tnf- $\alpha$ induced activation of IL-8 production in liver cancer cell lines. <i>PLoS ONE</i> , <b>2013</b> , 8, e70909	3.7	36
192	Interferon therapy in chronic hepatitis C virus: evidence of different outcome with respect to different viral strains. <i>Journal of Medical Virology</i> , <b>1995</b> , 45, 445-50	19.7	35

191	Translational approaches: from fatty liver to non-alcoholic steatohepatitis. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 9038-49	5.6	35
190	An Animal Model for the Juvenile Non-Alcoholic Fatty Liver Disease and Non-Alcoholic Steatohepatitis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0158817	3.7	34
189	Hepatic cancer stem cells and drug resistance: Relevance in targeted therapies for hepatocellular carcinoma. <i>World Journal of Hepatology</i> , <b>2010</b> , 2, 114-26	3.4	34
188	Vitamin D, Homocysteine, and Folate in Subcortical Vascular Dementia and Alzheimer Dementia. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 169	5.3	33
187	Bilirubin accumulation and Cyp mRNA expression in selected brain regions of jaundiced Gunn rat pups. <i>Pediatric Research</i> , <b>2012</b> , 71, 653-60	3.2	33
186	Magnetic resonance contrast agents: from the bench to the patient. <i>Current Pharmaceutical Design</i> , <b>2005</b> , 11, 4079-98	3.3	33
185	Hepatocyte-derived macrophage migration inhibitory factor mediates alcohol-induced liver injury in mice and patients. <i>Journal of Hepatology</i> , <b>2017</b> , 67, 1018-1025	13.4	32
184	In vitro and in vivo hepatic transport of the magnetic resonance imaging contrast agent B22956/1: role of MRP proteins. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 293, 100-5	3.4	32
183	Liver and heart: a new link?. <i>Journal of Hepatology</i> , <b>2008</b> , 49, 300-2	13.4	30
182	Mechanisms of bilirubin neurotoxicity. <i>Hepatology</i> , <b>2002</b> , 35, 1277-80	11.2	30
181	Epidemiology of hepatitis C virus infection in Italy: the slowly unraveling mystery. <i>Microbes and Infection</i> , <b>2000</b> , 2, 1757-63	9.3	29
180	Transport of sulfobromophthalein and taurocholate in the HepG2 cell line in relation to the expression of membrane carrier proteins. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 183, 1203-8	3.4	28
179	Multidrug resistance associated protein 1 protects against bilirubin-induced cytotoxicity. <i>FEBS Letters</i> , <b>2006</b> , 580, 1355-9	3.8	27
178	Albumin binding of unconjugated [ <sup>3</sup> H]bilirubin and its uptake by rat liver basolateral plasma membrane vesicles. <i>Biochemical Journal</i> , <b>1996</b> , 316 ( Pt 3), 999-1004	3.8	27
177	Th17 involvement in nonalcoholic fatty liver disease progression to non-alcoholic steatohepatitis. <i>World Journal of Gastroenterology</i> , <b>2016</b> , 22, 9096-9103	5.6	27
176	New molecular targets for functionalized nanosized drug delivery systems in personalized therapy for hepatocellular carcinoma. <i>Journal of Controlled Release</i> , <b>2017</b> , 268, 184-197	11.7	26
175	A proteomic approach to the bilirubin-induced toxicity in neuronal cells reveals a protective function of DJ-1 protein. <i>Proteomics</i> , <b>2010</b> , 10, 1645-57	4.8	26
174	Gene expression analysis in HBV transgenic mouse liver: a model to study early events related to hepatocarcinogenesis. <i>Molecular Medicine</i> , <b>2006</b> , 12, 115-23	6.2	26

173	Rapid Method for Detection of Extra (TA) in the Promoter of the Bilirubin-UDP-Glucuronosyl Transferase 1 Gene Associated with Gilbert Syndrome. <i>Clinical Chemistry</i> , <b>2000</b> , 46, 129-131	5.5	26
172	The role of microRNA in the resistance to treatment of hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , <b>2019</b> , 7, 577	3.2	26
171	Bilirubin effect on endothelial adhesion molecules expression is mediated by the NF-kappaB signaling pathway. <i>BioScience Trends</i> , <b>2009</b> , 3, 151-7	9.9	26
170	Functional induction of the cystine-glutamate exchanger system Xc(-) activity in SH-SY5Y cells by unconjugated bilirubin. <i>PLoS ONE</i> , <b>2011</b> , 6, e29078	3.7	25
169	Hepatic uptake of organic anions affects the plasma bilirubin level in subjects with GilbertB syndrome mutations in UGT1A1. <i>Hepatology</i> , <b>2001</b> , 33, 627-32	11.2	25
168	Modeling, identification and parameter estimation of bilirubin kinetics in normal, hemolytic and GilbertB states. <i>Journal of Biomedical Informatics</i> , <b>1975</b> , 8, 522-37		24
167	Low solubility of unconjugated bilirubin in dimethylsulfoxide–water systems: implications for pKa determinations. <i>BMC Biochemistry</i> , <b>2002</b> , 3, 17	4.8	23
166	Epomediol ameliorates pruritus in patients with intrahepatic cholestasis of pregnancy. <i>Journal of Hepatology</i> , <b>1992</b> , 16, 241-2	13.4	23
165	Spleen Stiffness Probability Index (SSPI): A simple and accurate method to detect esophageal varices in patients with compensated liver cirrhosis. <i>Annals of Hepatology</i> , <b>2020</b> , 19, 53-61	3.1	23
164	Induction of Mild Hyperbilirubinemia: Hype or Real Therapeutic Opportunity?. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 106, 568-575	6.1	23
163	Attenuation of neuro-inflammation improves survival and neurodegeneration in a mouse model of severe neonatal hyperbilirubinemia. <i>Brain, Behavior, and Immunity</i> , <b>2018</b> , 70, 166-178	16.6	22
162	Transport and metabolism at blood-brain interfaces and in neural cells: relevance to bilirubin-induced encephalopathy. <i>Frontiers in Pharmacology</i> , <b>2012</b> , 3, 89	5.6	22
161	Clinical, biochemical and histological features of primary haemochromatosis: a report of 67 cases. <i>Liver</i> , <b>1986</b> , 6, 310-5		22
160	Hepatitis B virus genotypes, core promoter variants, and precore stop codon variants in patients infected chronically in North-Eastern Italy. <i>Journal of Medical Virology</i> , <b>2006</b> , 78, 734-40	19.7	22
159	Effect of ursodeoxycholic acid administration on bile duct proliferation and cholestasis in bile duct ligated rat. <i>Digestive Diseases and Sciences</i> , <b>1993</b> , 38, 1291-6	4	22
158	Reversal of ethinylestradiol-induced cholestasis by epomediol in rat. The role of liver plasma-membrane fluidity. <i>Biochemical Pharmacology</i> , <b>1989</b> , 38, 3559-63	6	22
157	The Crosstalk between Tumor Cells and the Microenvironment in Hepatocellular Carcinoma: The Role of Exosomal microRNAs and their Clinical Implications. <i>Cancers</i> , <b>2020</b> , 12,	6.6	22
156	Bilirubin-Induced Oxidative Stress Leads to DNA Damage in the Cerebellum of Hyperbilirubinemic Neonatal Mice and Activates DNA Double-Strand Break Repair Pathways in Human Cells. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 1801243	6.7	22



155	A transcriptome analysis identifies molecular effectors of unconjugated bilirubin in human neuroblastoma SH-SY5Y cells. <i>BMC Genomics</i> , <b>2009</b> , 10, 543	4.5	21
154	Reassessment of the unbound concentrations of unconjugated bilirubin in relation to neurotoxicity in vitro. <i>Pediatric Research</i> , <b>2003</b> , 54, 926	3.2	21
153	Preparation of an antibody recognizing both human and rodent MRP1. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 288, 1064-8	3.4	21
152	Mechanisms of hepatic uptake of organic anions. <i>Clinical Science</i> , <b>1986</b> , 71, 1-8	6.5	21
151	The Biological Effects of Bilirubin Photoisomers. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148126	3.7	21
150	Is it time to change NAFLD and NASH nomenclature?. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2017</b> , 2, 547-548	18.8	20
149	New concepts in bilirubin neurotoxicity and the need for studies at clinically relevant bilirubin concentrations. <i>Journal of Hepatology</i> , <b>2001</b> , 34, 467-70	13.4	20
148	Isolation of bilitranslocase, the anion transporter from liver plasma membrane for bilirubin and other organic anions. <i>Methods in Enzymology</i> , <b>1989</b> , 174, 50-7	1.7	20
147	Serum marker of type III procollagen in patients with idiopathic hemochromatosis and its relationship to hepatic fibrosis. <i>American Journal of Clinical Pathology</i> , <b>1983</b> , 80, 499-502	1.9	20
146	Measurement of the association of cholephylic organic anions with different binding proteins. <i>Biochemical Pharmacology</i> , <b>1985</b> , 34, 2439-44	6	20
145	A comparative characterization of the circulating miRNome in whole blood and serum of HCC patients. <i>Scientific Reports</i> , <b>2019</b> , 9, 8265	4.9	19
144	Serum miRNA Are Promising Biomarkers for the Detection of Early Hepatocellular Carcinoma after Treatment with Direct-Acting Antivirals. <i>Cancers</i> , <b>2019</b> , 11,	6.6	19
143	Transcriptional Up-Regulation of APE1/Ref-1 in Hepatic Tumor: Role in Hepatocytes Resistance to Oxidative Stress and Apoptosis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143289	3.7	19
142	Effective treatment of unconjugated hyperbilirubinemia with oral bile salts in Gunn rats. <i>Gastroenterology</i> , <b>2009</b> , 136, 673-82.e1	13.3	19
141	Sex differences of nicotinate-induced hyperbilirubinemia in Gilbert's syndrome. Implication of bilitranslocase function. <i>Journal of Hepatology</i> , <b>1985</b> , 1, 417-29	13.4	19
140	Serum AP-endonuclease 1 (sAPE1) as novel biomarker for hepatocellular carcinoma. <i>Oncotarget</i> , <b>2019</b> , 10, 383-394	3.3	19
139	Differentiation between stages of non-alcoholic fatty liver diseases using surface-enhanced Raman spectroscopy. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1110, 190-198	6.6	18
138	Bilirubin-induced ER stress contributes to the inflammatory response and apoptosis in neuronal cells. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 1847-1858	5.8	18

137	The cytotoxic effect of unconjugated bilirubin in human neuroblastoma SH-SY5Y cells is modulated by the expression level of MRP1 but not MDR1. <i>Biochemical Journal</i> , <b>2009</b> , 417, 305-12	3.8	18
136	Effect of bilirubin on cytochrome c oxidase activity of mitochondria from mouse brain and liver. <i>BMC Research Notes</i> , <b>2010</b> , 3, 162	2.3	18
135	Novel kinetic insights into treatment of unconjugated hyperbilirubinemia: phototherapy and orlistat treatment in Gunn rats. <i>Pediatric Research</i> , <b>2006</b> , 59, 506-12	3.2	18
134	Upregulation in the expression of multidrug resistance protein Mrp1 mRNA and protein by increased bilirubin production in rat. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 311, 891-6	3.4	18
133	Chronic administration of ursodeoxycholic and tauroursodeoxycholic acid changes microsomal membrane lipid content and fatty acid compositions in rats. <i>Biochemical and Biophysical Research Communications</i> , <b>1996</b> , 220, 479-83	3.4	18
132	Determinants in the hepatic uptake of organic anions. <i>Journal of Hepatology</i> , <b>1992</b> , 14, 385-90	13.4	18
131	Abnormal hepatic uptake of low doses of sulfobromophthalein in Gilbert's syndrome: the role of reduced affinity of the plasma membrane carrier of organic anions. <i>Hepatology</i> , <b>1990</b> , 12, 213-7	11.2	18
130	The implication of bilitranslocase function in the impaired rifamycin SV metabolism in Gilbert's syndrome. <i>Clinical Science</i> , <b>1985</b> , 68, 675-80	6.5	18
129	Genetic biomarkers for hepatocellular cancer risk in a caucasian population. <i>World Journal of Gastroenterology</i> , <b>2017</b> , 23, 6674-6684	5.6	18
128	Effects of Oral Administration of Silymarin in a Juvenile Murine Model of Non-alcoholic Steatohepatitis. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	17
127	Abnormal apolipoprotein B pre-mRNA splicing in patients with familial hypobetalipoproteinaemia. <i>Journal of Medical Genetics</i> , <b>2007</b> , 44, 219-24	5.8	17
126	Uptake of [(3)H]bilirubin in freshly isolated rat hepatocytes: role of free bilirubin concentration. <i>FEBS Letters</i> , <b>1999</b> , 463, 143-5	3.8	17
125	Effect of ethinylestradiol and epomediol on bile flow and biliary lipid composition in rat. <i>Biochemical Pharmacology</i> , <b>1992</b> , 43, 1289-93	6	17
124	Comparison of nicotinic acid- and caloric restriction-induced hyperbilirubinaemia in the diagnosis of Gilbert's syndrome. <i>Journal of Hepatology</i> , <b>1985</b> , 1, 537-43	13.4	17
123	Circulating Long and Circular Noncoding RNA as Non-Invasive Diagnostic Tools of Hepatocellular Carcinoma. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	17
122	Hyaluronic acid inhibition by 4-methylumbelliferone reduces the expression of cancer stem cells markers during hepatocarcinogenesis. <i>Scientific Reports</i> , <b>2019</b> , 9, 4026	4.9	16
121	Drug-induced acute cholestatic liver damage in a patient with mutation of UGT1A1. <i>Nature Reviews Gastroenterology &amp; Hepatology</i> , <b>2007</b> , 4, 403-8		16
120	ATP-dependent transport of unconjugated bilirubin by rat liver canalicular plasma membrane vesicles. <i>Biochemical Journal</i> , <b>1998</b> , 331 ( Pt 1), 99-103	3.8	16

119	SOCS3 and IRS-1 gene expression differs between genotype 1 and genotype 2 hepatitis C virus-infected HepG2 cells. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2009</b> , 47, 1217-25	5.9	15
118	Systematic review and meta-analysis on the adverse events of rimonabant treatment: considerations for its potential use in hepatology. <i>BMC Gastroenterology</i> , <b>2009</b> , 9, 75	3	15
117	Prevalence of and risk factors for fatty liver in the general population of Northern Italy: the Bagnacavallo Study. <i>BMC Gastroenterology</i> , <b>2018</b> , 18, 177	3	15
116	Unconjugated bilirubin modulates nitric oxide production via iNOS regulation. <i>BioScience Trends</i> , <b>2010</b> , 4, 244-8	9.9	15
115	UGT1A polymorphisms as genetic biomarkers for hepatocellular carcinoma risk in Caucasian population. <i>Liver International</i> , <b>2017</b> , 37, 1345-1353	7.9	14
114	The activation of autophagy protects neurons and astrocytes against bilirubin-induced cytotoxicity. <i>Neuroscience Letters</i> , <b>2017</b> , 661, 96-103	3.3	14
113	Sex steroid modulation of the hepatic uptake of organic anions in rat. <i>Journal of Hepatology</i> , <b>1988</b> , 6, 343-9	13.4	14
112	Evaluation of region selective bilirubin-induced brain damage as a basis for a pharmacological treatment. <i>Scientific Reports</i> , <b>2017</b> , 7, 41032	4.9	13
111	The multiple origin of cancer stem cells in hepatocellular carcinoma. <i>Clinics and Research in Hepatology and Gastroenterology</i> , <b>2015</b> , 39 Suppl 1, S92-7	2.4	13
110	Alterations in the cell cycle in the cerebellum of hyperbilirubinemic Gunn rat: a possible link with apoptosis?. <i>PLoS ONE</i> , <b>2013</b> , 8, e79073	3.7	13
109	Differential proteomic analysis of subfractioned human hepatocellular carcinoma tissues. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 2273-84	5.6	13
108	The molecular basis of jaundice: An old symptom revisited. <i>Liver International</i> , <b>2017</b> , 37, 1094-1102	7.9	12
107	Obeticholic acid and INT-767 modulate collagen deposition in a NASH in vitro model. <i>Scientific Reports</i> , <b>2020</b> , 10, 1699	4.9	12
106	Diagnostic Performance Analysis of the Point-of-Care Bilistick System in Identifying Severe Neonatal Hyperbilirubinemia by a Multi-Country Approach. <i>EClinicalMedicine</i> , <b>2018</b> , 1, 14-20	11.3	12
105	Heterologous ferredoxin reductase and flavodoxin protect Cos-7 cells from oxidative stress. <i>PLoS ONE</i> , <b>2010</b> , 5, e13501	3.7	12
104	Detection of MRP1 mRNA in human tumors and tumor cell lines by in situ RT-PCR. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 275, 466-71	3.4	12
103	Is there an association between commonly employed biomarkers of liver fibrosis and liver stiffness in the general population?. <i>Annals of Hepatology</i> , <b>2020</b> , 19, 380-387	3.1	12
102	Bilirubin, Intestinal Integrity, the Microbiome, and Inflammation. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 684-686	59.2	12

101	Role of brain cytochrome P450 mono-oxygenases in bilirubin oxidation-specific induction and activity. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 279-90	5.8	11
100	Kinetics of the inflammatory response induced by free fatty acid accumulation in hepatocytes. <i>Annals of Hepatology</i> , <b>2014</b> , 13, 113-120	3.1	11
99	Bilirubin-induced neurologic damage. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 979	59.2	11
98	Pitfalls in preparation of (3)H-unconjugated bilirubin by biosynthetic labeling from precursor (3)H-5-aminolevulinic acid in the dog. <i>Translational Research</i> , <b>2001</b> , 138, 313-21		11
97	Cohort effect of HCV infection in liver cirrhosis assessed by a 25 year study. <i>Journal of Clinical Virology</i> , <b>2000</b> , 17, 51-6	14.5	11
96	The effect of a hydrogen sulfide releasing molecule (Na <sub>2</sub> S) on the cold storage of livers from cardiac dead donor rats. A study in an ex vivo model. <i>Cryobiology</i> , <b>2015</b> , 71, 24-32	2.7	10
95	Relationship between glucose metabolism and non-alcoholic fatty liver disease severity in morbidly obese women. <i>Journal of Endocrinological Investigation</i> , <b>2014</b> , 37, 739-744	5.2	10
94	X-ray fluorescence elemental mapping and microscopy to follow hepatic disposition of a Gd-based magnetic resonance imaging contrast agent. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2011</b> , 38, 834-45	3	10
93	Anti-transglutaminase antibodies and age. <i>Clinical Chemistry</i> , <b>2004</b> , 50, 1856-60	5.5	10
92	A Hypothesis for Using Pathway Genetic Load Analysis for Understanding Complex Outcomes in Bilirubin Encephalopathy. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 376	5.1	10
91	Modulation of bilirubin neurotoxicity by the Abcb1 transporter in the Ugt1 <sup>-/-</sup> lethal mouse model of neonatal hyperbilirubinemia. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 145-157	5.6	10
90	Silencing efficacy prediction: a retrospective study on target mRNA features. <i>Bioscience Reports</i> , <b>2015</b> , 35,	4.1	9
89	Could Inflammatory Indices and Metabolic Syndrome Predict the Risk of Cancer Development? Analysis from the Bagnacavallo Population Study. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	9
88	Modern strategies to identify new molecular targets for the treatment of liver diseases: The promising role of Proteomics and Redox Proteomics investigations. <i>Proteomics - Clinical Applications</i> , <b>2009</b> , 3, 242-62	3.1	9
87	Are non-invasive tests accurate enough to predict hepatic fibrosis in non-alcoholic fatty liver disease (NAFLD)?. <i>Gut</i> , <b>2008</b> , 57, 1351-3	19.2	9
86	Evaluation of liver parenchymal blood flow with contrast-enhanced US: preliminary results in healthy and cirrhotic patients. <i>Academic Radiology</i> , <b>2003</b> , 10, 869-76	4.3	9
85	Risk factors for alcoholic liver disease. <i>Addiction Biology</i> , <b>2000</b> , 5, 261-8	4.6	9
84	The Pros and the Cons for the Use of Silybin-Rich Oral Formulations in Treatment of Liver Damage (NAFLD in Particular). <i>Current Medicinal Chemistry</i> , <b>2015</b> , 22, 2954-71	4.3	9

83	Homocysteine in Neurology: From Endothelium to Neurodegeneration. <i>Current Nutrition and Food Science</i> , <b>2017</b> , 13,	0.7	9
82	Digital liver biopsy: Bio-imaging of fatty liver for translational and clinical research. <i>World Journal of Hepatology</i> , <b>2018</b> , 10, 231-245	3.4	9
81	X Chromosome Contribution to the Genetic Architecture of Primary Biliary Cholangitis. <i>Gastroenterology</i> , <b>2021</b> , 160, 2483-2495.e26	13.3	9
80	Homocysteine in Neurology: A Possible Contributing Factor to Small Vessel Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	9
79	Earliest Mechanisms of Dopaminergic Neurons Sufferance in a Novel Slow Progressing Ex Vivo Model of Parkinson Disease in Rat Organotypic Cultures of Substantia Nigra. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	8
78	Cryopreservation by slow cooling of rat neuronal cells. <i>Cryobiology</i> , <b>2016</b> , 72, 191-7	2.7	8
77	Cross-talk between neurons and astrocytes in response to bilirubin: adverse secondary impacts. <i>Neurotoxicity Research</i> , <b>2014</b> , 26, 1-15	4.3	8
76	Estimation of the hepatic blood "flow" by galactose plasma clearance in patients with liver disease. <i>Liver</i> , <b>1985</b> , 5, 129-33		8
75	An improved method for isolation of unconjugated bilirubin from rat and dog bile. <i>Translational Research</i> , <b>2001</b> , 137, 370-3		8
74	Sex differences in non-alcoholic fatty liver disease: hints for future management of the disease <b>2020</b> , 1, 51-74		8
73	Optimization of Point-Shear Wave Elastography by Skin-to-Liver Distance to Assess Liver Fibrosis in Patients Undergoing Bariatric Surgery. <i>Diagnostics</i> , <b>2020</b> , 10,	3.8	8
72	Spleen stiffness can be employed to assess the efficacy of spontaneous portosystemic shunts in relieving portal hypertension. <i>Annals of Hepatology</i> , <b>2020</b> , 19, 691-693	3.1	8
71	An international genome-wide meta-analysis of primary biliary cholangitis: Novel risk loci and candidate drugs. <i>Journal of Hepatology</i> , <b>2021</b> , 75, 572-581	13.4	8
70	Podocyte expression of membrane transporters involved in puromycin aminonucleoside-mediated injury. <i>PLoS ONE</i> , <b>2013</b> , 8, e66159	3.7	7
69	COVID-19 Lockdown Effect on Not Institutionalized Patients with Dementia and Caregivers. <i>Healthcare (Switzerland)</i> , <b>2021</b> , 9,	3.4	7
68	Activation of hepatic stem cells compartment during hepatocarcinogenesis in a HBsAg HBV-transgenic mouse model. <i>Scientific Reports</i> , <b>2018</b> , 8, 13168	4.9	7
67	The Extent of Intracellular Accumulation of Bilirubin Determines Its Anti- or Pro-Oxidant Effect. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
66	Selection and validation of miR-1280 as a suitable endogenous normalizer for qRT-PCR Analysis of serum microRNA expression in Hepatocellular Carcinoma. <i>Scientific Reports</i> , <b>2020</b> , 10, 3128	4.9	6

65	Gene expression and activity of urea cycle enzymes of rat hepatocytes cold stored up to 120h in University of Wisconsin solution. <i>Cryobiology</i> , <b>2006</b> , 52, 393-400	2.7	6
64	The north-to-south gradient of hepatitis C virus infection. <i>Scandinavian Journal of Gastroenterology</i> , <b>2003</b> , 38, 805-6	2.4	6
63	Difference in hepatic uptake of tetra- and di-bromosulfophthalein in rat. Role of hydrophobicity, binding to plasma proteins and affinity for plasma membrane carrier protein. <i>Biochemical Pharmacology</i> , <b>1993</b> , 46, 925-31	6	6
62	Circulatory miRNA as a Biomarker for Therapy Response and Disease-Free Survival in Hepatocellular Carcinoma. <i>Cancers</i> , <b>2020</b> , 12,	6.6	6
61	Diagnostic methods for neonatal hyperbilirubinemia: benefits, limitations, requirements, and novel developments. <i>Pediatric Research</i> , <b>2021</b> , 90, 277-283	3.2	6
60	Histone acetylation as a new mechanism for bilirubin-induced encephalopathy in the Gunn rat. <i>Scientific Reports</i> , <b>2018</b> , 8, 13690	4.9	6
59	Ammonium detoxifying activity is maintained after 72 hours of cold preservation of rat hepatocytes in University of Wisconsin (UW) solution. <i>Cryo-Letters</i> , <b>2002</b> , 23, 245-54	0.3	6
58	Bilirubin disrupts calcium homeostasis in neonatal hippocampal neurons: a new pathway of neurotoxicity. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 845-855	5.8	5
57	The biological implication of cancer stem cells in hepatocellular carcinoma: a possible target for future therapy. <i>Expert Review of Gastroenterology and Hepatology</i> , <b>2013</b> , 7, 749-57	4.2	5
56	The Role of microRNAs in the Cisplatin- and Radio-Resistance of Cervical Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	5
55	HCV Proteins Modulate the Host Cell miRNA Expression Contributing to Hepatitis C Pathogenesis and Hepatocellular Carcinoma Development. <i>Cancers</i> , <b>2021</b> , 13,	6.6	5
54	External Validation of Surrogate Indices of Fatty Liver in the General Population: the Bagnacavallo Study. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	5
53	Weighted miRNA co-expression networks analysis identifies circulating miRNA predicting overall survival in hepatocellular carcinoma patients. <i>Scientific Reports</i> , <b>2020</b> , 10, 18967	4.9	4
52	Nonalcoholic Fatty Liver Is Not Associated with the Relationship between Insulin Secretion and Insulin Sensitivity in Obese Children: Matched Case-Control Study. <i>Childhood Obesity</i> , <b>2016</b> , 12, 426-431	2.5	4
51	Bilirubin-induced neurological damage. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2011</b> , 24 Suppl 1, 154-5	2	4
50	Subzero nonfreezing storage of rat hepatocytes using UW solution and 1,4-butanediol. II- functional testing on rewarming and gene expression of urea cycle enzymes. <i>Annals of Hepatology</i> , <b>2009</b> , 8, 129-133	3.1	4
49	Efficient cold transfection of pea ferredoxin-NADP(H) oxidoreductase into rat hepatocytes. <i>Journal of Gene Medicine</i> , <b>2006</b> , 8, 306-13	3.5	4
48	Competition of bile acids on the sulfobromophthalein uptake in basolateral rat liver plasma membrane vesicles. <i>Biochemical Pharmacology</i> , <b>1994</b> , 48, 1301-4	6	4

47	Role and nature of plasma membrane carrier proteins in the hepatic transport of organic anions. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>1989</b> , 4, 195-205	4	4
46	Bilirubin: The yellow hormone?. <i>Journal of Hepatology</i> , <b>2021</b> , 75, 1485-1490	13.4	4
45	Biochemical Investigations in the Management of Liver Disease451-467		4
44	Kinetics of the inflammatory response induced by free fatty acid accumulation in hepatocytes. <i>Annals of Hepatology</i> , <b>2013</b> , 13, 113-20	3.1	4
43	Occult hepatitis B virus infection predicts non-alcoholic steatohepatitis in severely obese individuals from Italy. <i>Liver International</i> , <b>2020</b> , 40, 1601-1609	7.9	3
42	A simple in silico strategy identifies candidate biomarkers for the diagnosis of liver fibrosis in morbidly obese subjects. <i>Liver International</i> , <b>2018</b> , 38, 155-163	7.9	3
41	Differences in circulating microRNA signature in Prader-Willi syndrome and non-syndromic obesity. <i>Endocrine Connections</i> , <b>2018</b> , 7, 1262-1274	3.5	3
40	The Role of Bilirubin and the Other "Yellow Players" in Neurodegenerative Diseases. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	3
39	Natural Compounds for Counteracting Nonalcoholic Fatty Liver Disease (NAFLD): Advantages and Limitations of the Suggested Candidates.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	3
38	Silybin Modulates Collagen Turnover in an In Vitro Model of NASH. <i>Molecules</i> , <b>2019</b> , 24,	4.8	2
37	Targeted multicomponent polysomes for high efficiency, simultaneous anti-sense and gene delivery. <i>Soft Matter</i> , <b>2011</b> , 7, 9424	3.6	2
36	Natural history of nonalcoholic steatohepatitis-associated hepatocellular carcinoma. <i>Clinical Liver Disease</i> , <b>2016</b> , 8, 105-107	2.2	2
35	Cold storage of liver microorgans in ViaSpan and BG35 solutions: study of ammonia metabolism during normothermic reoxygenation. <i>Annals of Hepatology</i> , <b>2014</b> , 13, 256-64	3.1	2
34	□Rapid identification system of frontal dysfunction in subclinical hepatic encephalopathy. <i>Annals of Hepatology</i> , <b>2016</b> , 15, 559-67	3.1	2
33	The Novel N,N-bis-2-Hydroxyethyl-2-Aminoethanesulfonic Acid-Gluconate-Polyethylene Glycol-Hypothermic Machine Perfusion Solution Improves Static Cold Storage and Reduces Ischemia/Reperfusion Injury in Rat Liver Transplant. <i>Liver Transplantation</i> , <b>2019</b> , 25, 1375-1386	4.5	1
32	Blue or green for yellow? Which light is more beneficial for jaundiced newborns?. <i>Pediatric Research</i> , <b>2019</b> , 85, 747	3.2	1
31	Circulating microRNA Associated to Different Stages of Liver Steatosis in Prader-Willi Syndrome and Non-Syndromic Obesity. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	1
30	Neonatal hyperbilirubinemia. <i>Italian Journal of Pediatrics</i> , <b>2014</b> , 40, A10	3.2	1

29	Oxidative Stress, Antioxidant Defenses, and the Liver. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , <b>2015</b> , 41-64		1
28	Recent insights into hepatic cancer stem cells. <i>Hepatology International</i> , <b>2014</b> , 8 Suppl 2, 458-63	8.8	1
27	Kernicterus, Bilirubin Induced Neurological Dysfunction and New Treatments for Unconjugated Hyperbilirubinemia <b>2012</b> , 621-628		1
26	Vagaries of impaired transporter function in PFIC 2 and 3. <i>Hepatology</i> , <b>2005</b> , 42, 977-8; author reply 978	11.2	1
25	Variation in UGT1A1 activity in Gilbert's syndrome. <i>Journal of Hepatology</i> , <b>2001</b> , 34, 636-9	13.4	1
24	Strategies in the study of hepatocellular carcinoma worldwide. <i>Journal of Surgical Oncology</i> , <b>1993</b> , 3, 37-9	2.8	1
23	Detection of hepatitis B virus transcripts in patients with chronic liver disease. <i>Journal of Hepatology</i> , <b>1990</b> , 10, 180-5	13.4	1
22	Serum free fatty acids and bilirubin concentration during fasting in patients with Gilbert's syndrome and normal controls. <i>Research in Clinic and Laboratory</i> , <b>1987</b> , 17, 61-6		1
21	Curcumin Prevents Cerebellar Hypoplasia and Restores the Behavior in Hyperbilirubinemic Gunn Rat by a Pleiotropic Effect on the Molecular Effectors of Brain Damage. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	1
20	Screening methods for neonatal hyperbilirubinemia: benefits, limitations, requirements, and novel developments. <i>Pediatric Research</i> , <b>2021</b> , 90, 272-276	3.2	1
19	Taste perception and expression in stomach of bitter taste receptor tas2r38 in obese and lean subjects. <i>Appetite</i> , <b>2021</b> , 166, 105595	4.5	1
18	Differential capacity of CD90+ cells in autophagy activation following chemotherapy in hepatocellular carcinoma. <i>Annals of Hepatology</i> , <b>2020</b> , 19, 645-652	3.1	0
17	Life-Long Hyperbilirubinemia Exposure and Bilirubin Priming Prevent Metabolic Damage. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 646953	5.6	0
16	Diagnostic management of nonalcoholic fatty liver disease: a transformational period in the development of diagnostic and predictive tools-a narrative review. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 727	3.2	0
15	Modifications of IGF2 and EGFR plasma protein concentrations in NAFLD patients after bariatric surgery. <i>International Journal of Obesity</i> , <b>2021</b> , 45, 374-382	5.5	0
14	Immunotherapy against programmed death-1/programmed death ligand 1 in hepatocellular carcinoma: Importance of molecular variations, cellular heterogeneity, and cancer stem cells. <i>World Journal of Stem Cells</i> , <b>2021</b> , 13, 795-824	5.6	0
13	Biomarkers for the Detection and Management of Hepatocellular Carcinoma in Patients Treated with Direct-Acting Antivirals. <i>Cancers</i> , <b>2022</b> , 14, 2700	6.6	0
12	Role of hepatitis B virus in development of hepatocellular carcinoma: Focus on covalently closed circular DNA. <i>World Journal of Hepatology</i> , <b>2022</b> , 14, 866-884	3.4	0



- 11 Ungebundenes (freies) Bilirubin: eine bessere Grundlage für die Bewertung des Icterus neonatorum / Unbound (free) bilirubin: improving the paradigm for evaluating neonatal jaundice. *Laboratoriums Medizin*, **2010**, 34, 15-27
- 10 Binding of tritiated bilirubin to albumin and plasma membrane vesicles: a reply. *Biochemical Journal*, **1997**, 321, 261-261 3.8
- 9 Response to Zucker: bilirubin and non-hepatic disease: a less jaundiced view. *Trends in Molecular Medicine*, **2005**, 11, 314-315 11.5
- 8 Membrane potential and hepatic uptake: Another rule of the game. *Hepatology*, **1986**, 6, 1049-1050 11.2
- 7 Estrogens keep alive the hepatocyte memory. *Hepatology*, **1988**, 8, 693-5 11.2
- 6 Alcohol and Nutrition as Risk Factors for Chronic Liver Disease **2003**, 73-85
- 5 Kernicterus, Bilirubin-Induced Neurological Dysfunction, and New Treatments for Unconjugated Hyperbilirubinemia in Neonates **2018**, 1169-1184
- 4 The Hepatic Uptake of Organic Anions: An Overview **1987**, 31-40
- 3 Disturbances of bilirubin metabolism 706-712
- 2 Alcohol and Nutrition as Risk Factors for Chronic Liver Disease **2013**, 497-506
- 1 The Expression Level of ABCC6 Transporter in Colon Cancer Cells Correlates with the Activation of Different Intracellular Signaling Pathways. *Pathophysiology*, **2022**, 29, 173-186 1.8