Claudio Tiribelli

List of Publications by Year in descending order

304 papers	21,995 citations	18482 62 h-index	11052 137 g-index
314 all docs	314 docs citations	314 times ranked	21639 citing authors

#	Article	IF	Citations
1	A new definition for metabolic dysfunction-associated fatty liver disease: An international expert consensus statement. Journal of Hepatology, 2020, 73, 202-209.	3.7	2,171
2	MAFLD: A Consensus-Driven Proposed Nomenclature for Metabolic Associated Fatty Liver Disease. Gastroenterology, 2020, 158, 1999-2014.e1.	1.3	1,840
3	The Fatty Liver Index: a simple and accurate predictor of hepatic steatosis in the general population. BMC Gastroenterology, 2006, 6, 33.	2.0	1,817
4	Prevalence of and risk factors for nonalcoholic fatty liver disease: The Dionysos nutrition and liver study. Hepatology, 2005, 42, 44-52.	7.3	1,118
5	Prevalence of and Risk Factors for Hepatic Steatosis in Northern Italy. Annals of Internal Medicine, 2000, 132, 112.	3.9	1,051
6	Prevalence of chronic liver disease in the general population of northern Italy: The dionysos study. Hepatology, 1994, 20, 1442-1449.	7.3	504
7	Clinical patterns of hepatocellular carcinoma in nonalcoholic fatty liver disease: A multicenter prospective study. Hepatology, 2016, 63, 827-838.	7.3	467
8	The Many Functions of APE1/Ref-1: Not Only a DNA Repair Enzyme. Antioxidants and Redox Signaling, 2009, 11, 601-619.	5.4	424
9	Hepatitis B virus maintains its pro-oncogenic properties in the case of occult HBV infection. Gastroenterology, 2004, 126, 102-110.	1.3	389
10	Genome-wide meta-analyses identify three loci associated with primary biliary cirrhosis. Nature Genetics, 2010, 42, 658-660.	21.4	389
11	Molecular basis and mechanisms of progression of non-alcoholic steatohepatitis. Trends in Molecular Medicine, 2008, 14, 72-81.	6.7	381
12	Proton MR spectroscopy in quantitative in vivo determination of fat content in human liver steatosis. Journal of Magnetic Resonance Imaging, 1995, 5, 281-285.	3.4	340
13	Global epidemiology of nonâ€alcoholic fatty liver disease/nonâ€alcoholic steatohepatitis: What we need in the future. Liver International, 2018, 38, 47-51.	3.9	297
14	Bilirubin-Induced Neurologic Damage â€" Mechanisms and Management Approaches. New England Journal of Medicine, 2013, 369, 2021-2030.	27.0	284
15	Noninvasive in vivo quantitative assessment of fat content in human liver. Journal of Hepatology, 1997, 27, 108-113.	3.7	283
16	Fatty Infiltration of the Liver. Investigative Radiology, 1993, 28, 297-302.	6.2	222
17	The spectrum of liver disease in the general population: lesson from the Dionysos study. Journal of Hepatology, 2001, 35, 531-537.	3.7	213
18	Severity of liver disease with different hepatitis C viral clones. Lancet, The, 1991, 338, 509.	13.7	199

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19	Incidence and natural course of fatty liver in the general population: The Dionysos study. Hepatology, 2007, 46, 1387-1391.	7.3	192
20	A simple index of lipid overaccumulation is a good marker of liver steatosis. BMC Gastroenterology, 2010, 10, 98.	2.0	188
21	Hepatitis C virus and nonâ€Hodgkin's lymphomas. British Journal of Haematology, 1996, 94, 544-550.	2.5	171
22	Molecular basis of bilirubin-induced neurotoxicity. Trends in Molecular Medicine, 2004, 10, 65-70.	6.7	171
23	Different genotypes of hepatitis C virus are associated with different severity of chronic liver disease. Journal of Medical Virology, 1994, 43, 291-296.	5.0	156
24	Suppressor of cytokine signaling 3 (SOCS3) expression and hepatitis C virusâ€"related chronic hepatitis: Insulin resistance and response to antiviral therapy. Hepatology, 2007, 46, 1009-1015.	7.3	150
25	Bilirubin protects astrocytes from its own toxicity by inducing up-regulation and translocation of multidrug resistance-associated protein 1 (Mrp1). Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2470-2475.	7.1	148
26	A Novel Perspective on the Biology of Bilirubin in Health and Disease. Trends in Molecular Medicine, 2016, 22, 758-768.	6.7	147
27	High prevalence of celiac disease in Italian general population. Digestive Diseases and Sciences, 2001, 46, 1500-1505.	2.3	138
28	Differential expression of the multidrug resistanceâ€related proteins ABCb1 and ABCc1 between bloodâ€brain interfaces. Journal of Comparative Neurology, 2008, 510, 497-507.	1.6	135
29	The pediatric NAFLD fibrosis index: a predictor of liver fibrosis in children with non-alcoholic fatty liver disease. BMC Medicine, 2009, 7, 21.	5.5	132
30	Looking to the horizon: the role of bilirubin in the development and prevention of age-related chronic diseases. Clinical Science, 2015, 129, 1-25.	4.3	126
31	Unbound (Free) Bilirubin: Improving the Paradigm for Evaluating Neonatal Jaundice. Clinical Chemistry, 2009, 55, 1288-1299.	3.2	124
32	Role of cytokines in ethanol-induced cytotoxicity in vitro in Hep G2 cells. Gastroenterology, 1998, 115, 157-166.	1.3	120
33	The epidemiology of fatty liver. European Journal of Gastroenterology and Hepatology, 2004, 16, 1087-1093.	1.6	116
34	Effect of intracellular lipid accumulation in a new model of non-alcoholic fatty liver disease. BMC Gastroenterology, 2012, 12, 20.	2.0	109
35	Neonatal Jaundice in Low- and Middle-Income Countries: Lessons and Future Directions from the 2015 Don Ostrow Trieste Yellow Retreat. Neonatology, 2016, 110, 172-180.	2.0	108
36	Bilirubin mediated oxidative stress involves antioxidant response activation via Nrf2 pathway. Cellular Signalling, 2014, 26, 512-520.	3.6	106

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37	Affinity of Human Serum Albumin for Bilirubin Varies with Albumin Concentration and Buffer Composition. Journal of Biological Chemistry, 2001, 276, 29953-29960.	3.4	101
38	DNA oxidative damage in leukocytes correlates with the severity of HCV-related liver disease: validation in an open population study. Journal of Hepatology, 2001, 34, 587-592.	3.7	96
39	Molecular Mechanisms for the Hepatic Uptake of Magnetic Resonance Imaging Contrast Agents. Biochemical and Biophysical Research Communications, 1999, 257, 746-752.	2.1	95
40	Subcellular Localization of APE1/Ref-1 in Human Hepatocellular Carcinoma: Possible Prognostic Significance. Molecular Medicine, 2007, 13, 89-96.	4.4	93
41	Familial clustering of Helicobacter pylori infection: population based study Â Commentary: Helicobacter pylori---the story so far. BMJ: British Medical Journal, 1999, 319, 537-541.	2.3	92
42	Inhibition of Glutamate Uptake by Unconjugated Bilirubin in Cultured Cortical Rat Astrocytes: Role of Concentration and pH. Biochemical and Biophysical Research Communications, 1999, 265, 67-72.	2.1	92
43	Sorafenib Resistance in Hepatocellular Carcinoma: The Relevance of Genetic Heterogeneity. Cancers, 2020, 12, 1576.	3.7	90
44	Effects of maturation on RNA transcription and protein expression of four MRP genes in human placenta and in BeWo cells. Biochemical and Biophysical Research Communications, 2003, 303, 259-265.	2.1	87
45	Reassessment of the Unbound Concentrations of Unconjugated Bilirubin in Relation to Neurotoxicity In Vitro. Pediatric Research, 2003, 54, 98-104.	2.3	85
46	Prevalence of hepatocellular carcinoma and relation to cirrhosis: Comparison of two different cities of the worldâ€"Trieste, Italy, and Chiba, Japan. Hepatology, 1989, 10, 998-1002.	7.3	80
47	Isolation of a sulfobromophthalein-binding protein from hepatocyte plasma membrane. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1978, 532, 105-112.	1.7	78
48	Effect of tauroursodeoxycholic and ursodeoxycholic acid on ethanol-induced cell injuries in the human Hep G2 cell line. Gastroenterology, 1995, 109, 555-563.	1.3	78
49	Bilirubin inhibits the TNFÎ±-related induction of three endothelial adhesion molecules. Biochemical and Biophysical Research Communications, 2009, 386, 338-344.	2.1	76
50	Genetic Determinants of Ethanol-Induced Liver Damage. Molecular Medicine, 2001, 7, 255-262.	4.4	75
51	Tauroursodeoxycholic acid protects hepatocytes from ethanol-fed rats against tumor necrosis factorâ€"induced cell death by replenishing mitochondrial glutathione. Hepatology, 2001, 34, 964-971.	7.3	75
52	Natural Course of Chronic HCV and HBV Infection and Role of Alcohol in the General Population: The Dionysos Study. American Journal of Gastroenterology, 2008, 103, 2248-2253.	0.4	75
53	Kinetics and Specificity of Feline Leukemia Virus Subgroup C Receptor (FLVCR) Export Function and Its Dependence on Hemopexin. Journal of Biological Chemistry, 2010, 285, 28874-28882.	3.4	74
54	Life-Long Correction of Hyperbilirubinemia with a Neonatal Liver-Specific AAV-Mediated Gene Transfer in a Lethal Mouse Model of Criglerâ€"Najjar Syndrome. Human Gene Therapy, 2014, 25, 844-855.	2.7	74

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55	Rescue of bilirubinâ€induced neonatal lethality in a mouse model of Criglerâ€Najjar syndrome type I by AAV9â€mediated gene transfer. FASEB Journal, 2012, 26, 1052-1063.	0.5	71
56	Epidemiology of fatty liver: an update. World Journal of Gastroenterology, 2014, 20, 9050-4.	3.3	71
57	The Expression of CD90/Thy-1 in Hepatocellular Carcinoma: An In Vivo and In Vitro Study. PLoS ONE, 2013, 8, e76830.	2.5	70
58	Galectin-1 and Its Involvement in Hepatocellular Carcinoma Aggressiveness. Molecular Medicine, 2010, 16, 102-115.	4.4	69
59	The products ofYCF1 andYLL015w (BPT1) cooperate for the ATP-dependent vacuolar transport of unconjugated bilirubin inSaccharomyces cerevisiae. Yeast, 2000, 16, 561-571.	1.7	68
60	Factors Affecting the Binding of Bilirubin to Serum Albumins: Validation and Application of the Peroxidase Method. Pediatric Research, 2006, 60, 724-728.	2.3	67
61	Biochemical and molecular aspects of the hepatic uptake of organic anions. BBA - Biomembranes, 1990, 1031, 261-275.	8.0	65
62	The human multidrug-resistance-associated protein MRP1 mediates ATP-dependent transport of unconjugated bilirubin. Biochemical Journal, 2004, 383, 335-341.	3.7	65
63	ABC Protein Transport of MRI Contrast Agents in Canalicular Rat Liver Plasma Vesicles and Yeast Vacuoles. Biochemical and Biophysical Research Communications, 2001, 282, 60-66.	2.1	63
64	Reconstitution in vitro of sulfobromophthalein transport by bilitranslocase. Biochimica Et Biophysica Acta - Biomembranes, 1982, 685, 123-128.	2.6	62
65	An international genome-wide meta-analysis of primary biliary cholangitis: Novel risk loci and candidate drugs. Journal of Hepatology, 2021, 75, 572-581.	3.7	62
66	Changing molecular epidemiology of hepatitis C virus infection in Northeast Italy. Journal of Medical Virology, 2002, 68, 352-356.	5.0	60
67	Bilirubin and the risk of common non-hepatic diseases. Trends in Molecular Medicine, 2005, 11, 277-283.	6.7	60
68	Cytotoxicity Is Predicted by Unbound and Not Total Bilirubin Concentration. Pediatric Research, 2007, 62, 576-580.	2.3	60
69	Mechanisms for the transport of unconjugated bilirubin in human trophoblastic BeWo cells. FEBS Letters, 2001, 495, 94-99.	2.8	58
70	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. Free Radical Research, 2005, 39, 255-268.	3.3	58
71	Ursodiol in the long-term treatment of chronic hepatitis: a double-blind multicenter clinical trial. Journal of Hepatology, 1993, 19, 459-464.	3.7	57
72	The role of multipotent cancer associated fibroblasts in hepatocarcinogenesis. BMC Cancer, 2015, 15, 188.	2.6	55

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73	Further studies on bilitranslocase, a plasma membrane protein involved in hepatic organic anion uptake. Biochimica Et Biophysica Acta - Biomembranes, 1982, 685, 117-122.	2.6	54
74	Proteomic analysis of liver tissues subjected to early ischemia/reperfusion injury during human orthotopic liver transplantation. Proteomics, 2006, 6, 3455-3465.	2.2	53
75	Induction of Mild Hyperbilirubinemia: Hype or Real Therapeutic Opportunity?. Clinical Pharmacology and Therapeutics, 2019, 106, 568-575.	4.7	53
76	Molecular Determinants in the Transport of a Bile Acid-Derived Diagnostic Agent in Tumoral and Nontumoral Cell Lines of Human Liver. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 809-817.	2.5	51
77	Alterations in the redox state and liver damage: Hints from the EASL Basic School of Hepatology. Journal of Hepatology, 2013, 58, 365-374.	3.7	51
78	Serum type III procollagen peptide in alcoholic liver disease and idiopathic hemochromatosis: Its relationship to hepatic fibrosis, activity of the disease and iron overload. Hepatology, 1985, 5, 475-479.	7.3	49
79	Ethanol-induced apoptosis in vitro. Clinical Biochemistry, 1999, 32, 547-555.	1.9	49
80	Gene Expression of ABC Proteins in Hepatocellular Carcinoma, Perineoplastic Tissue, and Liver Diseases. Molecular Medicine, 2002, 8, 318-325.	4.4	49
81	The interplay between hepatic stellate cells and hepatocytes in an in vitro model of NASH. Toxicology in Vitro, 2015, 29, 1753-1758.	2.4	49
82	Modulation of Mrp1 (ABCc1) and Pgp (ABCb1) by Bilirubin at the Blood-CSF and Blood-Brain Barriers in the Gunn Rat. PLoS ONE, 2011, 6, e16165.	2.5	48
83	Hepatocyte-derived macrophage migration inhibitory factor mediates alcohol-induced liver injury in mice and patients. Journal of Hepatology, 2017, 67, 1018-1025.	3.7	48
84	Vitamin D, Homocysteine, and Folate in Subcortical Vascular Dementia and Alzheimer Dementia. Frontiers in Aging Neuroscience, 2017, 9, 169.	3.4	48
85	Bilirubin: The yellow hormone?. Journal of Hepatology, 2021, 75, 1485-1490.	3.7	47
86	Significance of hepatitis virus infection in the oncogenic initiation of hepatocellular carcinoma. World Journal of Gastroenterology, 2016, 22, 1497.	3.3	47
87	Cellular localization of sulfobromophthalein transport activity in rat liver. Biochimica Et Biophysica Acta - Biomembranes, 1986, 856, 1-10.	2.6	46
88	Treatment options in Western hepatocellular carcinoma: a prospective study of 224 patients. Journal of Hepatology, 1998, 29, 650-659.	3.7	45
89	Bilirubin accumulation and Cyp mRNA expression in selected brain regions of jaundiced Gunn rat pups. Pediatric Research, 2012, 71, 653-660.	2.3	45
90	An Animal Model for the Juvenile Non-Alcoholic Fatty Liver Disease and Non-Alcoholic Steatohepatitis. PLoS ONE, 2016, 11, e0158817.	2.5	45

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91	Gene and functional up-regulation of the BCRP/ABCG2 transporter in hepatocellular carcinoma. BMC Gastroenterology, 2012, 12, 160.	2.0	44
92	Interferon therapy in chronic hepatitis C virus: Evidence of different outcome with respect to different viral strains. Journal of Medical Virology, 1995, 45, 445-450.	5.0	43
93	Translational approaches: from fatty liver to non-alcoholic steatohepatitis. World Journal of Gastroenterology, 2014, 20, 9038-49.	3.3	43
94	The importance of the interaction between hepatocyte and hepatic stellate cells in fibrogenesis induced by fatty accumulation. Experimental and Molecular Pathology, 2015, 98, 85-92.	2.1	42
95	Hepatic cancer stem cells and drug resistance: Relevance in targeted therapies for hepatocellular carcinoma. World Journal of Hepatology, 2010, 2, 114.	2.0	42
96	Blood Flow Changes in Hepatocellular Carcinoma After the Administration of Thalidomide Assessed by Reperfusion Kinetics During Microbubble Infusion. Investigative Radiology, 2006, 41, 15-21.	6.2	41
97	Bilirubin-induced cell toxicity involves PTEN activation through an APE1/Ref-1-dependent pathway. Journal of Molecular Medicine, 2007, 85, 1099-1112.	3.9	41
98	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. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-11.	4.0	41
99	The Crosstalk between Tumor Cells and the Microenvironment in Hepatocellular Carcinoma: The Role of Exosomal microRNAs and Their Clinical Implications. Cancers, 2020, 12, 823.	3.7	40
100	Th17 involvement in nonalcoholic fatty liver disease progression to non-alcoholic steatohepatitis. World Journal of Gastroenterology, 2016, 22, 9096.	3.3	39
101	Attenuation of neuro-inflammation improves survival and neurodegeneration in a mouse model of severe neonatal hyperbilirubinemia. Brain, Behavior, and Immunity, 2018, 70, 166-178.	4.1	39
102	Magnetic Resonance Contrast Agents: From the Bench to the Patient. Current Pharmaceutical Design, 2005, 11, 4079-4098.	1.9	38
103	The role of microRNA in the resistance to treatment of hepatocellular carcinoma. Annals of Translational Medicine, 2019, 7, 577-577.	1.7	38
104	In vitro and in vivo hepatic transport of the magnetic resonance imaging contrast agent B22956/1: role of MRP proteins. Biochemical and Biophysical Research Communications, 2002, 293, 100-105.	2.1	37
105	Specific Inhibition of the Redox Activity of Ape1/Ref-1 by E3330 Blocks Tnf-Î±-Induced Activation of Il-8 Production in Liver Cancer Cell Lines. PLoS ONE, 2013, 8, e70909.	2.5	37
106	Hepatic uptake of organic anions affects the plasma bilirubin level in subjects with Gilbert's syndrome mutations in UGT1A1. Hepatology, 2001, 33, 627-632.	7.3	36
107	Mechanisms of bilirubin neurotoxicity. Hepatology, 2002, 35, 1277-1280.	7.3	36
108	Epidemiology of hepatitis C virus infection in Italy: the slowly unraveling mystery. Microbes and Infection, 2000, 2, 1757-1763.	1.9	34

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109	Liver and heart: A new link?. Journal of Hepatology, 2008, 49, 300-302.	3.7	33
110	New molecular targets for functionalized nanosized drug delivery systems in personalized therapy for hepatocellular carcinoma. Journal of Controlled Release, 2017, 268, 184-197.	9.9	33
111	Serum AP-endonuclease 1 (sAPE1) as novel biomarker for hepatocellular carcinoma. Oncotarget, 2019, 10, 383-394.	1.8	33
112	A proteomic approach to the bilirubinâ€induced toxicity in neuronal cells reveals a protective function of DJâ€1 protein. Proteomics, 2010, 10, 1645-1657.	2.2	32
113	Is it time to change NAFLD and NASH nomenclature?. The Lancet Gastroenterology and Hepatology, 2017, 2, 547-548.	8.1	32
114	Gene Expression Analysis in HBV Transgenic Mouse Liver: A Model to Study Early Events Related to Hepatocarcinogenesis. Molecular Medicine, 2006, 12, 115-123.	4.4	31
115	Serum miRNA Are Promising Biomarkers for the Detection of Early Hepatocellular Carcinoma after Treatment with Direct-Acting Antivirals. Cancers, 2019, 11, 1773.	3.7	31
116	A comparative characterization of the circulating miRNome in whole blood and serum of HCC patients. Scientific Reports, 2019, 9, 8265.	3.3	31
117	Spleen Stiffness Probability Index (SSPI): A simple and accurate method to detect esophageal varices in patients with compensated liver cirrhosis. Annals of Hepatology, 2020, 19, 53-61.	1.5	31
118	Bilirubin, Intestinal Integrity, the Microbiome, and Inflammation. New England Journal of Medicine, 2020, 383, 684-686.	27.0	31
119	Transport of sulfobromophthalein and taurocholate in the HepG2 cell line in relation to the expression of membrane carrier proteins. Biochemical and Biophysical Research Communications, 1992, 183, 1203-1208.	2.1	30
120	Effective Treatment of Unconjugated Hyperbilirubinemia With Oral Bile Salts in Gunn Rats. Gastroenterology, 2009, 136, 673-682.e1.	1.3	30
121	Transcriptional Up-Regulation of APE1/Ref-1 in Hepatic Tumor: Role in Hepatocytes Resistance to Oxidative Stress and Apoptosis. PLoS ONE, 2015, 10, e0143289.	2.5	30
122	Bilirubin effect on endothelial adhesion molecules expression is mediated by the NF-kappaB signaling pathway. BioScience Trends, 2009, 3, 151-7.	3.4	30
123	Albumin binding of unconjugated [3H]bilirubin and its uptake by rat liver basolateral plasma membrane vesicles. Biochemical Journal, 1996, 316, 999-1004.	3.7	29
124	Multidrug resistance associated protein 1 protects against bilirubin-induced cytotoxicity. FEBS Letters, 2006, 580, 1355-1359.	2.8	29
125	Transport and Metabolism at Bloodâ€“Brain Interfaces and in Neural Cells: Relevance to Bilirubin-Induced Encephalopathy. Frontiers in Pharmacology, 2012, 3, 89.	3.5	29
126	Bilirubin-induced ER stress contributes to the inflammatory response and apoptosis in neuronal cells. Archives of Toxicology, 2017, 91, 1847-1858.	4.2	29

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127	Intestinal flora and bilirubin. Journal of Hepatology, 2005, 42, 170-172.	3.7	28
128	Functional Induction of the Cystine-Glutamate Exchanger System Xc- Activity in SH-SY5Y Cells by Unconjugated Bilirubin. PLoS ONE, 2011, 6, e29078.	2.5	28
129	Effects of Oral Administration of Silymarin in a Juvenile Murine Model of Non-alcoholic Steatohepatitis. Nutrients, 2017, 9, 1006.	4.1	28
130	Hepatitis B virus genotypes, core promoter variants, and precore stop codon variants in patients infected chronically in North-Eastern Italy. Journal of Medical Virology, 2006, 78, 734-740.	5.0	27
131	Circulating Long and Circular Noncoding RNA as Non-Invasive Diagnostic Tools of Hepatocellular Carcinoma. Biomedicines, 2021, 9, 90.	3.2	27
132	Homocysteine in Neurology: A Possible Contributing Factor to Small Vessel Disease. International Journal of Molecular Sciences, 2021, 22, 2051.	4.1	27
133	X Chromosome Contribution to the Genetic Architecture of Primary Biliary Cholangitis. Gastroenterology, 2021, 160, 2483-2495.e26.	1.3	27
134	The Biological Effects of Bilirubin Photoisomers. PLoS ONE, 2016, 11, e0148126.	2.5	27
135	Effect of ursodeoxycholic acid administration on bile duct proliferation and cholestasis in bile duct ligated rat. Digestive Diseases and Sciences, 1993, 38, 1291-1296.	2.3	26
136	Rapid Method for Detection of Extra (TA) in the Promoter of the Bilirubin-UDP-Glucuronosyl Transferase 1 Gene Associated with Gilbert Syndrome. Clinical Chemistry, 2000, 46, 129-131.	3.2	26
137	A transcriptome analysis identifies molecular effectors of unconjugated bilirubin in human neuroblastoma SH-SY5Y cells. BMC Genomics, 2009, 10, 543.	2.8	26
138	Obeticholic acid and INT-767 modulate collagen deposition in a NASH in vitro model. Scientific Reports, 2020, 10, 1699.	3.3	26
139	Genetic biomarkers for hepatocellular cancer risk in a caucasian population. World Journal of Gastroenterology, 2017, 23, 6674-6684.	3.3	26
140	Modeling, identification and parameter estimation of bilirubin kinetics in normal, hemolytic and Gilbert's states. Journal of Biomedical Informatics, 1975, 8, 522-537.	0.7	25
141	Low solubility of unconjugated bilirubin in dimethylsulfoxide–water systems: implications for pKa determinations. BMC Biochemistry, 2002, 3, 17.	4.4	25
142	The molecular basis of jaundice: An old symptom revisited. Liver International, 2017, 37, 1094-1102.	3.9	25
143	Hyaluronic acid inhibition by 4-methylumbelliferone reduces the expression of cancer stem cells markers during hepatocarcinogenesis. Scientific Reports, 2019, 9, 4026.	3.3	25
144	Differentiation between stages of non-alcoholic fatty liver diseases using surface-enhanced Raman spectroscopy. Analytica Chimica Acta, 2020, 1110, 190-198.	5.4	25

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145	The Role of microRNAs in the Cisplatin- and Radio-Resistance of Cervical Cancer. Cancers, 2021, 13, 1168.	3.7	25
146	Sex differences of nicotinate-induced hyperbilirubinemia in Gilbert's syndrome. Journal of Hepatology, 1985, 1, 417-429.	3.7	24
147	Reversal of ethinylestradiol-induced cholestasis by epomediol in rat. Biochemical Pharmacology, 1989, 38, 3559-3563.	4.4	24
148	Clinical, biochemical and histological features of primary haemochromatosis: a report of 67 cases. Liver, 1986, 6, 310-315.	0.1	24
149	Epomediol ameliorates pruritus in patients with intrahepatic cholestasis of pregnancy. Journal of Hepatology, 1992, 16, 241-242.	3.7	23
150	Evaluation of region selective bilirubin-induced brain damage as a basis for a pharmacological treatment. Scientific Reports, 2017, 7, 41032.	3.3	23
151	The activation of autophagy protects neurons and astrocytes against bilirubin-induced cytotoxicity. Neuroscience Letters, 2017, 661, 96-103.	2.1	23
152	Prevalence of and risk factors for fatty liver in the general population of Northern Italy: the Bagnacavallo Study. BMC Gastroenterology, 2018, 18, 177.	2.0	23
153	Serum Marker of Type III Procollagen in Patients with Idiopathic Hemochromatosis and Its Relationship to Hepatic Fibrosis. American Journal of Clinical Pathology, 1983, 80, 499-502.	0.7	22
154	Measurement of the association of cholephylic organic anions with different binding proteins. Biochemical Pharmacology, 1985, 34, 2439-2444.	4.4	22
155	Mechanisms of hepatic uptake of organic anions. Clinical Science, 1986, 71, 1-8.	4.3	22
156	[6] Isolation of bilitranslocase, the anion transporter from liver plasma membrane for bilirubin and other organic anions. Methods in Enzymology, 1989, 174, 50-57.	1.0	22
157	Correspondence. Pediatric Research, 2003, 54, 926-926.	2.3	22
158	SOCS3 and IRS-1 gene expression differs between genotype 1 and genotype 2 hepatitis C virus-infected HepG2 cells. Clinical Chemistry and Laboratory Medicine, 2009, 47, 1217-25.	2.3	22
159	The cytotoxic effect of unconjugated bilirubin in human neuroblastoma SH-SY5Y cells is modulated by the expression level of MRP1 but not MDR1. Biochemical Journal, 2009, 417, 305-312.	3.7	22
160	Diagnostic methods for neonatal hyperbilirubinemia: benefits, limitations, requirements, and novel developments. Pediatric Research, 2021, 90, 277-283.	2.3	22
161	Natural Compounds for Counteracting Nonalcoholic Fatty Liver Disease (NAFLD): Advantages and Limitations of the Suggested Candidates. International Journal of Molecular Sciences, 2022, 23, 2764.	4.1	22
162	Uptake of [3H]bilirubin in freshly isolated rat hepatocytes: role of free bilirubin concentration. FEBS Letters, 1999, 463, 143-145.	2.8	21

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163	New concepts in bilirubin neurotoxicity and the need for studies at clinically relevant bilirubin concentrations. Journal of Hepatology, 2001, 34, 467-470.	3.7	21
164	Preparation of an Antibody Recognizing both Human and Rodent MRP1. Biochemical and Biophysical Research Communications, 2001, 288, 1064-1068.	2.1	21
165	Circulatory miRNA as a Biomarker for Therapy Response and Disease-Free Survival in Hepatocellular Carcinoma. Cancers, 2020, 12, 2810.	3.7	21
166	The implication of bilitranslocase function in the impaired rifamycin SV metabolism in Gilbert's syndrome. Clinical Science, 1985, 68, 675-680.	4.3	20
167	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. Hepatology, 1990, 12, 213-217.	7.3	20
168	Determinants in the hepatic uptake of organic anions. Journal of Hepatology, 1992, 14, 385-390.	3.7	20
169	Upregulation in the expression of multidrug resistance protein Mrp1 mRNA and protein by increased bilirubin production in rat. Biochemical and Biophysical Research Communications, 2003, 311, 891-896.	2.1	20
170	Diagnostic Performance Analysis of the Point-of-Care Bilistick System in Identifying Severe Neonatal Hyperbilirubinemia by a Multi-Country Approach. EClinicalMedicine, 2018, 1, 14-20.	7.1	20
171	Comparison of nicotinic acid- and caloric restriction-induced hyperbilirubinaemia in the diagnosis of gilbert's syndrome. Journal of Hepatology, 1985, 1, 537-543.	3.7	19
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