

# Claudio Tiribelli

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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

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	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
279	The Expression Level of ABCC6 Transporter in Colon Cancer Cells Correlates with the Activation of Different Intracellular Signaling Pathways. <i>Pathophysiology</i> , <b>2022</b> , 29, 173-186	1.8	
278	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
277	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
276	Life-Long Hyperbilirubinemia Exposure and Bilirubin Priming Prevent Metabolic Damage. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 646953	5.6	0
275	The Role of microRNAs in the Cisplatin- and Radio-Resistance of Cervical Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	5
274	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
273	Screening methods for neonatal hyperbilirubinemia: benefits, limitations, requirements, and novel developments. <i>Pediatric Research</i> , <b>2021</b> , 90, 272-276	3.2	1
272	Diagnostic methods for neonatal hyperbilirubinemia: benefits, limitations, requirements, and novel developments. <i>Pediatric Research</i> , <b>2021</b> , 90, 277-283	3.2	6
271	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
270	Bilirubin: The yellow hormone?. <i>Journal of Hepatology</i> , <b>2021</b> , 75, 1485-1490	13.4	4
269	X Chromosome Contribution to the Genetic Architecture of Primary Biliary Cholangitis. <i>Gastroenterology</i> , <b>2021</b> , 160, 2483-2495.e26	13.3	9
268	COVID-19 Lockdown Effect on Not Institutionalized Patients with Dementia and Caregivers. <i>Healthcare (Switzerland)</i> , <b>2021</b> , 9,	3.4	7
267	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
266	Circulating Long and Circular Noncoding RNA as Non-Invasive Diagnostic Tools of Hepatocellular Carcinoma. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	17
265	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
264	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

263	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
262	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
261	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
260	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
259	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
258	Sorafenib Resistance in Hepatocellular Carcinoma: The Relevance of Genetic Heterogeneity. <i>Cancers</i> , <b>2020</b> , 12,	6.6	41
257	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
256	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
255	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
254	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
253	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
252	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
251	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
250	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
249	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
248	Sex differences in non-alcoholic fatty liver disease: hints for future management of the disease <b>2020</b> , 1, 51-74		8
247	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
246	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

245	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
244	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
243	The Role of Bilirubin and the Other "Yellow Players" in Neurodegenerative Diseases. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	3
242	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
241	Bilirubin, Intestinal Integrity, the Microbiome, and Inflammation. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 684-686	59.2	12
240	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
239	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
238	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
237	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
236	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
235	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
234	Silybin Modulates Collagen Turnover in an In Vitro Model of NASH. <i>Molecules</i> , <b>2019</b> , 24,	4.8	2
233	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
232	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
231	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
230	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
229	Serum AP-endonuclease 1 (sAPE1) as novel biomarker for hepatocellular carcinoma. <i>Oncotarget</i> , <b>2019</b> , 10, 383-394	3.3	19
228	Induction of Mild Hyperbilirubinemia: Hype or Real Therapeutic Opportunity?. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 106, 568-575	6.1	23

227	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
226	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
225	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
224	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
223	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
222	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
221	Kernicterus, Bilirubin-Induced Neurological Dysfunction, and New Treatments for Unconjugated Hyperbilirubinemia in Neonates <b>2018</b> , 1169-1184		
220	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
219	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
218	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
217	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
216	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
215	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
214	The molecular basis of jaundice: An old symptom revisited. <i>Liver International</i> , <b>2017</b> , 37, 1094-1102	7.9	12
213	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
212	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
211	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
210	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

209	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
208	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
207	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
206	Homocysteine in Neurology: From Endothelium to Neurodegeneration. <i>Current Nutrition and Food Science</i> , <b>2017</b> , 13,	0.7	9
205	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
204	Modulation of bilirubin neurotoxicity by the Abcb1 transporter in the Ugt1-/- lethal mouse model of neonatal hyperbilirubinemia. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 145-157	5.6	10
203	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
202	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
201	Cryopreservation by slow cooling of rat neuronal cells. <i>Cryobiology</i> , <b>2016</b> , 72, 191-7	2.7	8
200	The Biological Effects of Bilirubin Photoisomers. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148126	3.7	21
199	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
198	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
197	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
196	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
195	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
194	Natural history of nonalcoholic steatohepatitis-associated hepatocellular carcinoma. <i>Clinical Liver Disease</i> , <b>2016</b> , 8, 105-107	2.2	2
193	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
192	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

191	□Rapid identification system of frontal dysfunction in subclinical hepatic encephalopathy. <i>Annals of Hepatology</i> , <b>2016</b> , 15, 559-67	3.1	2
190	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
189	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
188	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
187	Silencing efficacy prediction: a retrospective study on target mRNA features. <i>Bioscience Reports</i> , <b>2015</b> , 35,	4.1	9
186	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
185	The role of multipotent cancer associated fibroblasts in hepatocarcinogenesis. <i>BMC Cancer</i> , <b>2015</b> , 15, 188	4.8	41
184	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
183	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
182	Oxidative Stress, Antioxidant Defenses, and the Liver. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , <b>2015</b> , 41-64		1
181	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
180	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
179	Bilirubin mediated oxidative stress involves antioxidant response activation via Nrf2 pathway. <i>Cellular Signalling</i> , <b>2014</b> , 26, 512-20	4.9	86
178	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
177	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
176	Neonatal hyperbilirubinemia. <i>Italian Journal of Pediatrics</i> , <b>2014</b> , 40, A10	3.2	1
175	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
174	Bilirubin-induced neurologic damage. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 979	59.2	11

173	Recent insights into hepatic cancer stem cells. <i>Hepatology International</i> , <b>2014</b> , 8 Suppl 2, 458-63	8.8	1
172	Translational approaches: from fatty liver to non-alcoholic steatohepatitis. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 9038-49	5.6	35
171	Epidemiology of fatty liver: an update. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 9050-4	5.6	59
170	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
169	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
168	Bilirubin-induced neurologic damage--mechanisms and management approaches. <i>New England Journal of Medicine</i> , <b>2013</b> , 369, 2021-30	59.2	207
167	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
166	Podocyte expression of membrane transporters involved in puromycin aminonucleoside-mediated injury. <i>PLoS ONE</i> , <b>2013</b> , 8, e66159	3.7	7
165	Specific inhibition of the redox activity of aip1/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
164	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
163	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
162	Alcohol and Nutrition as Risk Factors for Chronic Liver Disease <b>2013</b> , 497-506		
161	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
160	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
159	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
158	Gene and functional up-regulation of the BCRP/ABCG2 transporter in hepatocellular carcinoma. <i>BMC Gastroenterology</i> , <b>2012</b> , 12, 160	3	43
157	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
156	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



155	Kernicterus, Bilirubin Induced Neurological Dysfunction and New Treatments for Unconjugated Hyperbilirubinemia <b>2012</b> , 621-628		1
154	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
153	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
152	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
151	Targeted multicomponent polysomes for high efficiency, simultaneous anti-sense and gene delivery. <i>Soft Matter</i> , <b>2011</b> , 7, 9424	3.6	2
150	Bilirubin-induced neurological damage. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2011</b> , 24 Suppl 1, 154-5	2	4
149	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
148	Heterologous ferredoxin reductase and flavodoxin protect Cos-7 cells from oxidative stress. <i>PLoS ONE</i> , <b>2010</b> , 5, e13501	3.7	12
147	Galectin-1 and its involvement in hepatocellular carcinoma aggressiveness. <i>Molecular Medicine</i> , <b>2010</b> , 16, 102-15	6.2	61
146	Ungebundenes (freies) Bilirubin: eine bessere Grundlage für die Bewertung des Icterus neonatorum1 / Unbound (free) bilirubin: improving the paradigm for evaluating neonatal jaundice. <i>Laboratoriums Medizin</i> , <b>2010</b> , 34, 15-27		
145	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
144	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
143	A simple index of lipid overaccumulation is a good marker of liver steatosis. <i>BMC Gastroenterology</i> , <b>2010</b> , 10, 98	3	140
142	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
141	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
140	Unconjugated bilirubin modulates nitric oxide production via iNOS regulation. <i>BioScience Trends</i> , <b>2010</b> , 4, 244-8	9.9	15
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