

# Nicholas F Larusso

## List of Publications by Year in descending order

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243  
papers

23,670  
citations

5876

81  
h-index

8835

145  
g-index

251  
all docs

251  
docs citations

251  
times ranked

17909  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Achilles™ heel of senescent cells: from transcriptome to senolytic drugs. <i>Aging Cell</i> , 2015, 14, 644-658.	3.0	1,534
2	Biliary Tract Cancers. <i>New England Journal of Medicine</i> , 1999, 341, 1368-1378.	13.9	933
3	Primary sclerosing cholangitis: Natural history, prognostic factors and survival analysis. <i>Hepatology</i> , 1989, 10, 430-436.	3.6	622
4	Clinicopathologic features of the syndrome of primary sclerosing cholangitis. <i>Gastroenterology</i> , 1980, 79, 200-206.	0.6	541
5	Cryptosporidiosis. <i>New England Journal of Medicine</i> , 2002, 346, 1723-1731.	13.9	451
6	A Cellular Micro-RNA, let-7i, Regulates Toll-like Receptor 4 Expression and Contributes to Cholangiocyte Immune Responses against <i>Cryptosporidium parvum</i> Infection. <i>Journal of Biological Chemistry</i> , 2007, 282, 28929-28938.	1.6	409
7	The utility of CA 19-9 in the diagnoses of cholangiocarcinoma in patients without primary sclerosing cholangitis. <i>American Journal of Gastroenterology</i> , 2000, 95, 204-207.	0.2	376
8	An aged immune system drives senescence and ageing of solid organs. <i>Nature</i> , 2021, 594, 100-105.	13.7	368
9	Primary Sclerosing Cholangitis. <i>New England Journal of Medicine</i> , 2016, 375, 1161-1170.	13.9	358
10	Recurrence of primary sclerosing cholangitis following liver transplantation. <i>Hepatology</i> , 1999, 29, 1050-1056.	3.6	344
11	Cholangiocarcinoma Complicating Primary Sclerosing Cholangitis. <i>Annals of Surgery</i> , 1991, 213, 21-25.	2.1	337
12	Long-term results of patients undergoing liver transplantation for primary sclerosing cholangitis. <i>Hepatology</i> , 1999, 30, 1121-1127.	3.6	329
13	The cholangiopathies: Disorders of biliary epithelia. <i>Gastroenterology</i> , 2004, 127, 1565-1577.	0.6	326
14	Morphologic features of chronic hepatitis associated with primary sclerosing cholangitis and chronic ulcerative colitis. <i>Hepatology</i> , 1981, 1, 632-640.	3.6	325
15	Characterization of PKD Protein-Positive Exosome-Like Vesicles. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 278-288.	3.0	300
16	Randomized Clinical Trial of Long-Acting Somatostatin for Autosomal Dominant Polycystic Kidney and Liver Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 1052-1061.	3.0	288
17	Cholangiocyte pathobiology. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 269-281.	8.2	285
18	The isolated perfused rat liver: Conceptual and practical considerations. <i>Hepatology</i> , 1986, 6, 511-517.	3.6	264

#	ARTICLE	IF	CITATIONS
19	Octreotide Inhibits Hepatic Cystogenesis in a Rodent Model of Polycystic Liver Disease by Reducing Cholangiocyte Adenosine 3'5'-Cyclic Monophosphate. <i>Gastroenterology</i> , 2007, 132, 1104-1116.	0.6	261
20	Cholangiocyte Cilia Detect Changes in Luminal Fluid Flow and Transmit Them Into Intracellular Ca <sup>2+</sup> and cAMP Signaling. <i>Gastroenterology</i> , 2006, 131, 911-920.	0.6	259
21	MicroRNA-21 is overexpressed in human cholangiocarcinoma and regulates programmed cell death 4 and tissue inhibitor of metalloproteinase 3. <i>Hepatology</i> , 2009, 49, 1595-1601.	3.6	247
22	Nitric oxide in gastrointestinal epithelial cell carcinogenesis: linking inflammation to oncogenesis. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, G626-G634.	1.6	236
23	Primary sclerosing cholangitis: Summary of a workshop. <i>Hepatology</i> , 2006, 44, 746-764.	3.6	235
24	Biliary exosomes influence cholangiocyte regulatory mechanisms and proliferation through interaction with primary cilia. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, G990-G999.	1.6	234
25	Nitric oxide-mediated inhibition of DNA repair potentiates oxidative DNA damage in cholangiocytes. <i>Gastroenterology</i> , 2001, 120, 190-199.	0.6	212
26	Diagnostic Role of Serum CA 19-9 for Cholangiocarcinoma in Patients With Primary Sclerosing Cholangitis. <i>Mayo Clinic Proceedings</i> , 1993, 68, 874-879.	1.4	207
27	Comparison of the Clinicopathologic Features of Primary Sclerosing Cholangitis and Primary Biliary Cirrhosis. <i>Gastroenterology</i> , 1985, 88, 108-114.	0.6	205
28	Multiple TLRs Are Expressed in Human Cholangiocytes and Mediate Host Epithelial Defense Responses to <i>Cryptosporidium parvum</i> via Activation of NF- $\kappa$ B. <i>Journal of Immunology</i> , 2005, 175, 7447-7456.	0.4	199
29	Up-regulation of microRNA 506 leads to decreased Cl <sup>-</sup> /HCO <sub>3</sub> <sup>-</sup> anion exchanger 2 expression in biliary epithelium of patients with primary biliary cirrhosis. <i>Hepatology</i> , 2012, 56, 687-697.	3.6	199
30	Isolation and morphologic characterization of bile duct epithelial cells from normal rat liver. <i>Gastroenterology</i> , 1989, 97, 1236-1247.	0.6	196
31	Defects in cholangiocyte fibrocystin expression and ciliary structure in the PCK rat 1 The authors thank Dr. Torra for supplying ARPKD tissue.. <i>Gastroenterology</i> , 2003, 125, 1303-1310.	0.6	194
32	Cholangiocyte senescence by way of N-ras activation is a characteristic of primary sclerosing cholangitis. <i>Hepatology</i> , 2014, 59, 2263-2275.	3.6	194
33	MicroRNA-513 Regulates B7-H1 Translation and Is Involved in IFN- $\beta$ -Induced B7-H1 Expression in Cholangiocytes. <i>Journal of Immunology</i> , 2009, 182, 1325-1333.	0.4	190
34	Extracellular vesicles in liver pathobiology: Small particles with big impact. <i>Hepatology</i> , 2016, 64, 2219-2233.	3.6	190
35	Cholangiocyte cilia express TRPV4 and detect changes in luminal tonicity inducing bicarbonate secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19138-19143.	3.3	186
36	Absence of the intestinal microbiota exacerbates hepatobiliary disease in a murine model of primary sclerosing cholangitis. <i>Hepatology</i> , 2016, 63, 185-196.	3.6	183

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37	Physiology of Cholangiocytes. , 2013, 3, 541-565.		179
38	Secretin Promotes Osmotic Water Transport in Rat Cholangiocytes by Increasing Aquaporin-1 Water Channels in Plasma Membrane. Journal of Biological Chemistry, 1997, 272, 12984-12988.	1.6	178
39	The Water Channel Aquaporin-8 Is Mainly Intracellular in Rat Hepatocytes, and Its Plasma Membrane Insertion Is Stimulated by Cyclic AMP. Journal of Biological Chemistry, 2001, 276, 12147-12152.	1.6	177
40	HDAC6 Inhibition Restores Ciliary Expression and Decreases Tumor Growth. Cancer Research, 2013, 73, 2259-2270.	0.4	175
41	Prospective trial of penicillamine in primary sclerosing cholangitis. Gastroenterology, 1988, 95, 1036-1042.	0.6	168
42	The Cholangiopathies. Mayo Clinic Proceedings, 2015, 90, 791-800.	1.4	167
43	Recent advances in the isolation of liver cells. Hepatology, 1994, 20, 494-514.	3.6	160
44	Release of Luminal Exosomes Contributes to TLR4-Mediated Epithelial Antimicrobial Defense. PLoS Pathogens, 2013, 9, e1003261.	2.1	159
45	MicroRNA15a modulates expression of the cell-cycle regulator Cdc25A and affects hepatic cystogenesis in a rat model of polycystic kidney disease. Journal of Clinical Investigation, 2008, 118, 3714-3724.	3.9	158
46	Peristomal varices after proctocolectomy in patients with primary sclerosing cholangitis. Gastroenterology, 1986, 90, 316-322.	0.6	147
47	Cholangiocyte primary cilia are chemosensory organelles that detect biliary nucleotides via P2Y <sub>12</sub> purinergic receptors. American Journal of Physiology - Renal Physiology, 2008, 295, G725-G734.	1.6	147
48	Cholangiocyte primary cilia in liver health and disease. Developmental Dynamics, 2008, 237, 2007-2012.	0.8	142
49	Cryptosporidium parvum activates nuclear factor $\kappa$ B in biliary epithelia preventing epithelial cell apoptosis. Gastroenterology, 2001, 120, 1774-1783.	0.6	135
50	The pathobiology of biliary epithelia. Hepatology, 2002, 35, 1256-1268.	3.6	135
51	Expression and Localization of Aquaporin Water Channels in Rat Hepatocytes. Journal of Biological Chemistry, 2002, 277, 22710-22717.	1.6	131
52	Elevated Circulating Immune Complexes in Primary Sclerosing Cholangitis. Hepatology, 1983, 3, 150-154.	3.6	131
53	Water transport by epithelia of the digestive tract. Gastroenterology, 2002, 122, 545-562.	0.6	130
54	The dynamic biliary epithelia: Molecules, pathways, and disease. Journal of Hepatology, 2013, 58, 575-582.	1.8	130

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55	Effect of Deoxycholic Acid Ingestion on Bile Acid Metabolism and Biliary Lipid Secretion in Normal Subjects. <i>Gastroenterology</i> , 1977, 72, 132-140.	0.6	129
56	Cytokine-stimulated nitric oxide production inhibits adenylyl cyclase and cAMP-dependent secretion in cholangiocytes. <i>Gastroenterology</i> , 2003, 124, 737-753.	0.6	129
57	Cyclic AMP Regulates Bicarbonate Secretion in Cholangiocytes Through Release of ATP Into Bile. <i>Gastroenterology</i> , 2007, 133, 1592-1602.	0.6	126
58	The relative role of the child-pugh classification and the mayo natural history model in the assessment of survival in patients with primary sclerosing cholangitis. <i>Hepatology</i> , 1999, 29, 1643-1648.	3.6	124
59	Ciliary subcellular localization of TGR5 determines the cholangiocyte functional response to bile acid signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, G1013-G1024.	1.6	122
60	Somatostatin analog therapy for severe polycystic liver disease: results after 2 years. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 3532-3539.	0.4	120
61	Heterogeneity of the proliferative capacity of rat cholangiocytes after bile duct ligation. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 274, G767-G775.	1.6	119
62	Macrophages contribute to the pathogenesis of sclerosing cholangitis in mice. <i>Journal of Hepatology</i> , 2018, 69, 676-686.	1.8	119
63	Effect of Proctocolectomy for Chronic Ulcerative Colitis on the Natural History of Primary Sclerosing Cholangitis. <i>Gastroenterology</i> , 1989, 96, 790-794.	0.6	118
64	The metabolic bone disease of primary sclerosing cholangitis. <i>Hepatology</i> , 1991, 14, 257-261.	3.6	115
65	Manifestations of nonsuppurative cholangitis in chronic hepatobiliary diseases: morphologic spectrum, clinical correlations and terminology. <i>Liver</i> , 1984, 4, 105-116.	0.1	113
66	A randomized, placebo-controlled, phase II study of obeticholic acid for primary sclerosing cholangitis. <i>Journal of Hepatology</i> , 2020, 73, 94-101.	1.8	111
67	Engineered measles virus as a novel oncolytic viral therapy system for hepatocellular carcinoma. <i>Hepatology</i> , 2006, 44, 1465-1477.	3.6	110
68	The cAMP effectors Epac and protein kinase a (PKA) are involved in the hepatic cystogenesis of an animal model of autosomal recessive polycystic kidney disease (ARPKD). <i>Hepatology</i> , 2009, 49, 160-174.	3.6	110
69	Agonist-induced Coordinated Trafficking of Functionally Related Transport Proteins for Water and Ions in Cholangiocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 20413-20419.	1.6	108
70	Mechanisms of attachment and internalization of <i>Cryptosporidium parvum</i> to biliary and intestinal epithelial cells. <i>Gastroenterology</i> , 2000, 118, 368-379.	0.6	106
71	Biliary Dysgenesis in the PCK Rat, an Orthologous Model of Autosomal Recessive Polycystic Kidney Disease. <i>American Journal of Pathology</i> , 2004, 165, 1719-1730.	1.9	105
72	Coordinate Secretion of Acid Hydrolases in Rat Bile. <i>Journal of Clinical Investigation</i> , 1979, 64, 948-954.	3.9	104

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73	Spontaneous DNA damage to the nuclear genome promotes senescence, redox imbalance and aging. <i>Redox Biology</i> , 2018, 17, 259-273.	3.9	103
74	<i>Cryptosporidium parvum</i> is cytopathic for cultured human biliary epithelia via an apoptotic mechanism. <i>Hepatology</i> , 1998, 28, 906-913.	3.6	102
75	Targeting senescent cholangiocytes and activated fibroblasts with Bâ€cell lymphomaâ€extra large inhibitors ameliorates fibrosis in multidrug resistance 2 gene knockout (Mdr2â~ /â~ ) mice. <i>Hepatology</i> , 2018, 67, 247-259.	3.6	99
76	NFÎB p50-CCAAT/Enhancer-binding Protein Î² (C/EBPÎ²)-mediated Transcriptional Repression of MicroRNA let-7i following Microbial Infection. <i>Journal of Biological Chemistry</i> , 2010, 285, 216-225.	1.6	97
77	Pasireotide is more effective than octreotide in reducing hepatorenal cystogenesis in rodents with polycystic kidney and liver diseases. <i>Hepatology</i> , 2013, 58, 409-421.	3.6	96
78	Isolation and characterization of cholangiocyte primary cilia. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G500-G509.	1.6	95
79	MicroRNAs: Key Modulators of Posttranscriptional Gene Expression. <i>Gastroenterology</i> , 2009, 136, 17-25.	0.6	95
80	Anatomy of the human biliary system studied by quantitative computer-aided three-dimensional imaging techniques. <i>Hepatology</i> , 1998, 27, 893-899.	3.6	93
81	Intrahepatic cholangiectases and large-duct obliteration in primary sclerosing cholangitis. <i>Hepatology</i> , 1986, 6, 560-568.	3.6	90
82	Primary Sclerosing Cholangitis Risk Estimate Tool (PREsTo) Predicts Outcomes of the Disease: A Derivation and Validation Study Using Machine Learning. <i>Hepatology</i> , 2020, 71, 214-224.	3.6	90
83	Validity and Sensitivity of an Intravenous Bile Acid Tolerance Test in Patients with Liver Disease. <i>New England Journal of Medicine</i> , 1975, 292, 1209-1214.	13.9	88
84	Polarized expression and function of P2Y ATP receptors in rat bile duct epithelia. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, G1059-G1067.	1.6	85
85	Proteolytic Cleavage and Nuclear Translocation of Fibrocystin Is Regulated by Intracellular Ca2+ and Activation of Protein Kinase C. <i>Journal of Biological Chemistry</i> , 2006, 281, 34357-34364.	1.6	85
86	Activation of Trpv4 Reduces the Hyperproliferative Phenotype of Cystic Cholangiocytes From an Animal Model of ARPKD. <i>Gastroenterology</i> , 2010, 139, 304-314.e2.	0.6	85
87	Characterization of cultured cholangiocytes isolated from livers of patients with primary sclerosing cholangitis. <i>Laboratory Investigation</i> , 2014, 94, 1126-1133.	1.7	85
88	Localized glucose and water influx facilitates <i>Cryptosporidium parvum</i> cellular invasion by means of modulation of host-cell membrane protrusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6338-6343.	3.3	84
89	Cholangiociliopathies: genetics, molecular mechanisms and potential therapies. <i>Current Opinion in Gastroenterology</i> , 2009, 25, 265-271.	1.0	83
90	Performance of magnetic resonance elastography in primary sclerosing cholangitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 1184-1190.	1.4	83

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91	Abnormalities in tests of copper metabolism in primary sclerosing cholangitis. <i>Gastroenterology</i> , 1985, 89, 272-278.	0.6	80
92	Polycystic liver diseases: advanced insights into the molecular mechanisms. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014, 11, 750-761.	8.2	80
93	Regulation of Ca <sup>2+</sup> signaling in rat bile duct epithelia by inositol 1,4,5-trisphosphate receptor isoforms. <i>Hepatology</i> , 2002, 36, 284-296.	3.6	79
94	Apical Organelle Discharge by <i>Cryptosporidium parvum</i> Is Temperature, Cytoskeleton, and Intracellular Calcium Dependent and Required for Host Cell Invasion. <i>Infection and Immunity</i> , 2004, 72, 6806-6816.	1.0	77
95	Glucagon induces the plasma membrane insertion of functional aquaporin-8 water channels in isolated rat hepatocytes. <i>Hepatology</i> , 2003, 37, 1435-1441.	3.6	76
96	Secretin induces the apical insertion of aquaporin-1 water channels in rat cholangiocytes. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 276, G280-G286.	1.6	75
97	<i>Cryptosporidium parvum</i> invasion of biliary epithelia requires host cell tyrosine phosphorylation of cortactin via c-Src. <i>Gastroenterology</i> , 2003, 125, 216-228.	0.6	75
98	Isolation and characterization of lipid microdomains from apical and basolateral plasma membranes of rat hepatocytes. <i>Hepatology</i> , 2006, 43, 287-296.	3.6	75
99	The immunobiology of cholangiocytes. <i>Immunology and Cell Biology</i> , 2008, 86, 497-505.	1.0	74
100	Hepatic Cystogenesis Is Associated with Abnormal Expression and Location of Ion Transporters and Water Channels in an Animal Model of Autosomal Recessive Polycystic Kidney Disease. <i>American Journal of Pathology</i> , 2008, 173, 1637-1646.	1.9	72
101	<i>Opisthorchis viverrini</i> excretory/secretory products induce toll-like receptor 4 upregulation and production of interleukin 6 and 8 in cholangiocyte. <i>Parasitology International</i> , 2010, 59, 616-621.	0.6	72
102	MicroRNA-506 promotes primary biliary cholangitis-like features in cholangiocytes and immune activation. <i>Hepatology</i> , 2018, 67, 1420-1440.	3.6	72
103	Oral nicotine in treatment of primary sclerosing cholangitis: a pilot study. <i>Digestive Diseases and Sciences</i> , 1999, 44, 602-607.	1.1	70
104	Abnormalities of Chemical Tests for Copper Metabolism in Chronic Active Liver Disease: Differentiation from Wilson's Disease. <i>Gastroenterology</i> , 1976, 70, 653-655.	0.6	67
105	Isolation and characterization of rat cholangiocyte vesicles enriched in apical or basolateral plasma membrane domains. <i>Biochemistry</i> , 1995, 34, 15436-15443.	1.2	67
106	Stimulation of ATP secretion in the liver by therapeutic bile acids. <i>Biochemical Journal</i> , 2001, 358, 1-5.	1.7	67
107	Rat hepatocyte aquaporin-8 water channels are down-regulated in extrahepatic cholestasis. <i>Hepatology</i> , 2003, 37, 1026-1033.	3.6	66
108	Phosphatidylinositol 3-Kinase and Frabin Mediate <i>Cryptosporidium parvum</i> Cellular Invasion via Activation of Cdc42. <i>Journal of Biological Chemistry</i> , 2004, 279, 31671-31678.	1.6	65

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109	Water Transporting Properties of Hepatocyte Basolateral and Canalicular Plasma Membrane Domains. <i>Journal of Biological Chemistry</i> , 2003, 278, 43157-43162.	1.6	63
110	Somatostatin stimulates ductal bile absorption and inhibits ductal bile secretion in mice via SSTR2 on cholangiocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 284, C1205-C1214.	2.1	62
111	Aquaporins in the hepatobiliary system. <i>Hepatology</i> , 2006, 43, S75-S81.	3.6	61
112	Enhanced autoreactivity of T-lymphocytes in primary sclerosing cholangitis. <i>Hepatology</i> , 1987, 7, 884-888.	3.6	60
113	Glutathione depletion is associated with decreased Bcl-2 expression and increased apoptosis in cholangiocytes. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 275, G749-G757.	1.6	60
114	Quantitative Assessment of the Rat Intrahepatic Biliary System by Three-Dimensional Reconstruction. <i>American Journal of Pathology</i> , 2001, 158, 2079-2088.	1.9	59
115	Cholangiocyte N-Ras Protein Mediates Lipopolysaccharide-induced Interleukin 6 Secretion and Proliferation. <i>Journal of Biological Chemistry</i> , 2011, 286, 30352-30360.	1.6	59
116	Interactions between chronic liver disease and inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 1997, 3, 288-302.	0.9	58
117	Specific Inhibition of AQP1 Water Channels in Isolated Rat Intrahepatic Bile Duct Units by Small Interfering RNAs. <i>Journal of Biological Chemistry</i> , 2003, 278, 6268-6274.	1.6	56
118	Ursodeoxycholic acid inhibits hepatic cystogenesis in experimental models of polycystic liver disease. <i>Journal of Hepatology</i> , 2015, 63, 952-961.	1.8	56
119	Human cholangiocarcinomas express somatostatin receptors and respond to somatostatin with growth inhibition. <i>Gastroenterology</i> , 1995, 108, 1908-1916.	0.6	55
120	Inhibition of metalloprotease hyperactivity in cystic cholangiocytes halts the development of polycystic liver diseases. <i>Gut</i> , 2014, 63, 1658-1667.	6.1	55
121	Milder disease stage in patients with primary biliary cholangitis over a 44-year period: A changing natural history. <i>Hepatology</i> , 2018, 67, 1920-1930.	3.6	55
122	Interactions Between Chronic Liver Disease and Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 1997, 3, 288-302.	0.9	54
123	Expression of aquaporin-4 water channels in rat cholangiocytes. <i>Hepatology</i> , 2000, 31, 1313-1317.	3.6	54
124	MicroRNA (miR)-433 and miR-22 dysregulations induce histone deacetylase overexpression and ciliary loss in cholangiocarcinoma. <i>Hepatology</i> , 2018, 68, 561-573.	3.6	54
125	Hepatic Artery and Portal Vein Remodeling in Rat Liver. <i>American Journal of Pathology</i> , 2003, 162, 1175-1182.	1.9	52
126	Cdc42 and the Actin-Related Protein/Neural Wiskott-Aldrich Syndrome Protein Network Mediate Cellular Invasion by <i>Cryptosporidium parvum</i> . <i>Infection and Immunity</i> , 2004, 72, 3011-3021.	1.0	52



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127	Intrahepatic bile ducts transport water in response to absorbed glucose. American Journal of Physiology - Cell Physiology, 2002, 283, C785-C791.	2.1	51
128	Purinergic regulation of acid/base transport in human and rat biliary epithelial cell lines. Hepatology, 1998, 28, 914-920.	3.6	48
129	Cholangiocyte biology. Current Opinion in Gastroenterology, 2007, 23, 299-305.	1.0	48
130	Primary Sclerosing Cholangitis. New England Journal of Medicine, 2016, 375, 2500-2502.	13.9	48
131	Aquaporin water channels in liver: Their significance in bile formation. Hepatology, 1997, 26, 1081-1084.	3.6	46
132	TGR5 contributes to hepatic cystogenesis in rodents with polycystic liver diseases through cyclic adenosine monophosphate/Gi±s signaling. Hepatology, 2017, 66, 1197-1218.	3.6	46
133	Hemobilia: Etiology, diagnosis, and treatment. Liver Research, 2018, 2, 200-208.	0.5	46
134	Rat Hepatocytes Transport Water Mainly via a Non-channel-mediated Pathway. Journal of Biological Chemistry, 1996, 271, 6702-6707.	1.6	45
135	Perfused rat intrahepatic bile ducts secrete and absorb water, solute, and ions. Gastroenterology, 2000, 119, 1672-1680.	0.6	45
136	Aquaporin-8 Is Involved in Water Transport in Isolated Superficial Colonocytes from Rat Proximal Colon. Journal of Nutrition, 2005, 135, 2329-2336.	1.3	45
137	The Role of Cilia in the Regulation of Bile Flow. Digestive Diseases, 2011, 29, 6-12.	0.8	43
138	HDAC6 Is Overexpressed in Cystic Cholangiocytes and Its Inhibition Reduces Cystogenesis. American Journal of Pathology, 2014, 184, 600-608.	1.9	43
139	Ileo-colonic delivery of conjugated bile acids improves glucose homeostasis via colonic GLP-1-producing enteroendocrine cells in human obesity and diabetes. EBioMedicine, 2020, 55, 102759.	2.7	43
140	Cryptosporidium parvum infects human cholangiocytes via sphingolipid-enriched membrane microdomains. Cellular Microbiology, 2006, 8, 1932-1945.	1.1	42
141	Regulation of biliary secretion through apical purinergic receptors in cultured rat cholangiocytes. American Journal of Physiology - Renal Physiology, 1997, 273, G1108-G1117.	1.6	41
142	The Spectrum of Reactive Cholangiocytes in Primary Sclerosing Cholangitis. Hepatology, 2020, 71, 741-748.	3.6	41
143	Inhibition of Cdc25A Suppresses Hepato-renal Cystogenesis in Rodent Models of Polycystic Kidney and Liver Disease. Gastroenterology, 2012, 142, 622-633.e4.	0.6	40
144	Bile Acid Profiles in Primary Sclerosing Cholangitis and Their Ability to Predict Hepatic Decompensation. Hepatology, 2021, 74, 281-295.	3.6	40

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145	Development and characterization of cholangioids from normal and diseased human cholangiocytes as an in vitro model to study primary sclerosing cholangitis. <i>Laboratory Investigation</i> , 2017, 97, 1385-1396.	1.7	39
146	Morphologic Demonstration of Receptor-Mediated Endocytosis of Epidermal Growth Factor by Isolated Bile Duct Epithelial Cells. <i>Gastroenterology</i> , 1990, 98, 1284-1291.	0.6	38
147	Development and characterization of a cholangiocyte cell line from the PCK rat, an animal model of Autosomal Recessive Polycystic Kidney Disease. <i>Laboratory Investigation</i> , 2006, 86, 940-950.	1.7	38
148	Effect of Chloroquine on the Form and Function of Hepatocyte Lysosomes Morphologic Modifications and Physiologic Alterations Related to the Biliary Excretion of Lipids and Proteins. <i>Gastroenterology</i> , 1983, 85, 1146-1153.	0.6	37
149	Cholangiocytes and the environment in primary sclerosing cholangitis: where is the link?. <i>Gut</i> , 2017, 66, 1873-1877.	6.1	37
150	Channel-mediated water movement across enclosed or perfused mouse intrahepatic bile duct units. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C338-C346.	2.1	36
151	Triton WR-1339, A Lysosomotropic Compound, Is Excreted into Bile and Alters the Biliary Excretion of Lysosomal Enzymes and Lipids. <i>Hepatology</i> , 1982, 2, 209S-215S.	3.6	36
152	HIV-1 Tat Protein Suppresses Cholangiocyte Toll-Like Receptor 4 Expression and Defense against <i>Cryptosporidium parvum</i> . <i>Journal of Infectious Diseases</i> , 2009, 199, 1195-1204.	1.9	36
153	Polycystic liver disease: New insights into disease pathogenesis. <i>Hepatology</i> , 2006, 43, 906-908.	3.6	35
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