

Domenico Alvaro

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275
papers

22,806
citations

73
h-index

146
g-index

442
ext. papers

30,850
ext. citations

6.9
avg, IF

5.81
L-index

#	Paper	IF	Citations
275	The Immune Landscape of Cancer. <i>Immunity</i> , 2018 , 48, 812-830.e14	32.3	1754
274	Oncogenic Signaling Pathways in The Cancer Genome Atlas. <i>Cell</i> , 2018 , 173, 321-337.e10	56.2	1124
273	An Integrated TCGA Pan-Cancer Clinical Data Resource to Drive High-Quality Survival Outcome Analytics. <i>Cell</i> , 2018 , 173, 400-416.e11	56.2	1072
272	Cell-of-Origin Patterns Dominate the Molecular Classification of 10,000 Tumors from 33 Types of Cancer. <i>Cell</i> , 2018 , 173, 291-304.e6	56.2	888
271	Comprehensive Characterization of Cancer Driver Genes and Mutations. <i>Cell</i> , 2018 , 173, 371-385.e18	56.2	854
270	Expert consensus document: Cholangiocarcinoma: current knowledge and future perspectives consensus statement from the European Network for the Study of Cholangiocarcinoma (ENS-CCA). <i>Nature Reviews Gastroenterology and Hepatology</i> , 2016 , 13, 261-80	24.2	618
269	Machine Learning Identifies Stemness Features Associated with Oncogenic Dedifferentiation. <i>Cell</i> , 2018 , 173, 338-354.e15	56.2	560
268	Genomic and Molecular Landscape of DNA Damage Repair Deficiency across The Cancer Genome Atlas. <i>Cell Reports</i> , 2018 , 23, 239-254.e6	10.6	405
267	Genomic and Functional Approaches to Understanding Cancer Aneuploidy. <i>Cancer Cell</i> , 2018 , 33, 676-689.e3	24.3	377
266	Spatial Organization and Molecular Correlation of Tumor-Infiltrating Lymphocytes Using Deep Learning on Pathology Images. <i>Cell Reports</i> , 2018 , 23, 181-193.e7	10.6	366
265	Cholangiocarcinoma 2020: the next horizon in mechanisms and management. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020 , 17, 557-588	24.2	355
264	Pathogenic Germline Variants in 10,389 Adult Cancers. <i>Cell</i> , 2018 , 173, 355-370.e14	56.2	342
263	Genome-wide meta-analyses identify three loci associated with primary biliary cirrhosis. <i>Nature Genetics</i> , 2010 , 42, 658-60	36.3	337
262	Scalable Open Science Approach for Mutation Calling of Tumor Exomes Using Multiple Genomic Pipelines. <i>Cell Systems</i> , 2018 , 6, 271-281.e7	10.6	320
261	The Cancer Genome Atlas Comprehensive Molecular Characterization of Renal Cell Carcinoma. <i>Cell Reports</i> , 2018 , 23, 313-326.e5	10.6	295
260	A Comprehensive Pan-Cancer Molecular Study of Gynecologic and Breast Cancers. <i>Cancer Cell</i> , 2018 , 33, 690-705.e9	24.3	277
259	lncRNA Epigenetic Landscape Analysis Identifies EPIC1 as an Oncogenic lncRNA that Interacts with MYC and Promotes Cell-Cycle Progression in Cancer. <i>Cancer Cell</i> , 2018 , 33, 706-720.e9	24.3	275

258	Dense genotyping of immune-related disease regions identifies nine new risk loci for primary sclerosing cholangitis. <i>Nature Genetics</i> , 2013 , 45, 670-5	36.3	267
257	Integrative Genomic Analysis of Cholangiocarcinoma Identifies Distinct IDH-Mutant Molecular Profiles. <i>Cell Reports</i> , 2017 , 18, 2780-2794	10.6	247
256	Driver Fusions and Their Implications in the Development and Treatment of Human Cancers. <i>Cell Reports</i> , 2018 , 23, 227-238.e3	10.6	235
255	Proliferating cholangiocytes: a neuroendocrine compartment in the diseased liver. <i>Gastroenterology</i> , 2007 , 132, 415-31	13.3	235
254	Multipotent stem/progenitor cells in human biliary tree give rise to hepatocytes, cholangiocytes, and pancreatic islets. <i>Hepatology</i> , 2011 , 54, 2159-72	11.2	234
253	Human hepatic stem cell and maturational liver lineage biology. <i>Hepatology</i> , 2011 , 53, 1035-45	11.2	229
252	Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas. <i>Cancer Cell</i> , 2018 , 33, 721-735.e8	24.3	228
251	Bile acid-induced liver toxicity: relation to the hydrophobic-hydrophilic balance of bile acids. <i>Medical Hypotheses</i> , 1986 , 19, 57-69	3.8	221
250	Autocrine/paracrine regulation of the growth of the biliary tree by the neuroendocrine hormone serotonin. <i>Gastroenterology</i> , 2005 , 128, 121-37	13.3	208
249	Somatic Mutational Landscape of Splicing Factor Genes and Their Functional Consequences across 33 Cancer Types. <i>Cell Reports</i> , 2018 , 23, 282-296.e4	10.6	188
248	International genome-wide meta-analysis identifies new primary biliary cirrhosis risk loci and targetable pathogenic pathways. <i>Nature Communications</i> , 2015 , 6, 8019	17.4	185
247	Lineage restriction of human hepatic stem cells to mature fates is made efficient by tissue-specific biomatrix scaffolds. <i>Hepatology</i> , 2011 , 53, 293-305	11.2	178
246	Perspective on Oncogenic Processes at the End of the Beginning of Cancer Genomics. <i>Cell</i> , 2018 , 173, 305-320.e10	56.2	166
245	Biliary tree stem/progenitor cells in glands of extrahepatic and intrahepatic bile ducts: an anatomical in situ study yielding evidence of maturational lineages. <i>Journal of Anatomy</i> , 2012 , 220, 186-99	2.9	160
244	Pan-cancer Alterations of the MYC Oncogene and Its Proximal Network across the Cancer Genome Atlas. <i>Cell Systems</i> , 2018 , 6, 282-300.e2	10.6	159
243	Vascular endothelial growth factor stimulates rat cholangiocyte proliferation via an autocrine mechanism. <i>Gastroenterology</i> , 2006 , 130, 1270-82	13.3	159
242	The biliary tree--a reservoir of multipotent stem cells. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2012 , 9, 231-40	24.2	155
241	Estrogens stimulate proliferation of intrahepatic biliary epithelium in rats. <i>Gastroenterology</i> , 2000 , 119, 1681-91	13.3	154

240	Pan-Cancer Analysis of lncRNA Regulation Supports Their Targeting of Cancer Genes in Each Tumor Context. <i>Cell Reports</i> , 2018 , 23, 297-312.e12	10.6	147
239	Cholinergic system modulates growth, apoptosis, and secretion of cholangiocytes from bile duct-ligated rats. <i>Gastroenterology</i> , 1999 , 117, 191-9	13.3	147
238	Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. <i>Cell Reports</i> , 2018 , 23, 194-212.e6	10.6	146
237	Cholangiocyte proliferation and liver fibrosis. <i>Expert Reviews in Molecular Medicine</i> , 2009 , 11, e7	6.7	142
236	Cholangiocarcinoma: update and future perspectives. <i>Digestive and Liver Disease</i> , 2010 , 42, 253-60	3.3	134
235	A Pan-Cancer Analysis of Enhancer Expression in Nearly 9000 Patient Samples. <i>Cell</i> , 2018 , 173, 386-399.e342	10.2	133
234	Intra-hepatic and extra-hepatic cholangiocarcinoma: New insight into epidemiology and risk factors. <i>World Journal of Gastrointestinal Oncology</i> , 2010 , 2, 407-16	3.4	131
233	ImmunoChip analyses identify a novel risk locus for primary biliary cirrhosis at 13q14, multiple independent associations at four established risk loci and epistasis between 1p31 and 7q32 risk variants. <i>Human Molecular Genetics</i> , 2012 , 21, 5209-21	5.6	122
232	Systematic Analysis of Splice-Site-Creating Mutations in Cancer. <i>Cell Reports</i> , 2018 , 23, 270-281.e3	10.6	121
231	Functional heterogeneity of the intrahepatic biliary epithelium. <i>Hepatology</i> , 2000 , 31, 555-61	11.2	116
230	Estrogens and insulin-like growth factor 1 modulate neoplastic cell growth in human cholangiocarcinoma. <i>American Journal of Pathology</i> , 2006 , 169, 877-88	5.8	113
229	Role and mechanisms of action of acetylcholine in the regulation of rat cholangiocyte secretory functions. <i>Journal of Clinical Investigation</i> , 1997 , 100, 1349-62	15.9	113
228	Molecular Characterization and Clinical Relevance of Metabolic Expression Subtypes in Human Cancers. <i>Cell Reports</i> , 2018 , 23, 255-269.e4	10.6	112
227	Hepatic progenitor cells activation, fibrosis, and adipokines production in pediatric nonalcoholic fatty liver disease. <i>Hepatology</i> , 2012 , 56, 2142-53	11.2	108
226	Effect of secretion on intracellular pH regulation in isolated rat bile duct epithelial cells. <i>Journal of Clinical Investigation</i> , 1993 , 92, 1314-25	15.9	104
225	Morphological and functional heterogeneity of the mouse intrahepatic biliary epithelium. <i>Laboratory Investigation</i> , 2009 , 89, 456-69	5.9	103
224	Isolation of small polarized bile duct units. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 6527-31	11.5	102
223	Estrogens and the pathophysiology of the biliary tree. <i>World Journal of Gastroenterology</i> , 2006 , 12, 3537-45	5.5	101

222	cAMP stimulates the secretory and proliferative capacity of the rat intrahepatic biliary epithelium through changes in the PKA/Src/MEK/ERK1/2 pathway. <i>Journal of Hepatology</i> , 2004 , 41, 528-37	13.4	100
221	Human leukocyte antigen polymorphisms in Italian primary biliary cirrhosis: a multicenter study of 664 patients and 1992 healthy controls. <i>Hepatology</i> , 2008 , 48, 1906-12	11.2	98
220	Estrogen receptors in cholangiocytes and the progression of primary biliary cirrhosis. <i>Journal of Hepatology</i> , 2004 , 41, 905-12	13.4	96
219	Cytotoxicity of bile salts against biliary epithelium: a study in isolated bile ductule fragments and isolated perfused rat liver. <i>Hepatology</i> , 1997 , 26, 9-21	11.2	94
218	Gastrin inhibits cholangiocyte growth in bile duct-ligated rats by interaction with cholecystokinin-B/Gastrin receptors via D-myo-inositol 1,4,5-triphosphate-, Ca(2+)-, and protein kinase C alpha-dependent mechanisms. <i>Hepatology</i> , 2000 , 32, 17-25	11.2	93
217	Cholangiocarcinoma stem-like subset shapes tumor-initiating niche by educating associated macrophages. <i>Journal of Hepatology</i> , 2017 , 66, 102-115	13.4	91
216	Increased Liver Localization of Lipopolysaccharides in Human and Experimental NAFLD. <i>Hepatology</i> , 2020 , 72, 470-485	11.2	90
215	Intracellular pathways mediating estrogen-induced cholangiocyte proliferation in the rat. <i>Hepatology</i> , 2002 , 36, 297-304	11.2	89
214	Regulation and deregulation of cholangiocyte proliferation. <i>Journal of Hepatology</i> , 2000 , 33, 333-40	13.4	85
213	New insights into liver stem cells. <i>Digestive and Liver Disease</i> , 2009 , 41, 455-62	3.3	83
212	Biliary tree stem cells, precursors to pancreatic committed progenitors: evidence for possible life-long pancreatic organogenesis. <i>Stem Cells</i> , 2013 , 31, 1966-79	5.8	82
211	Multiple cells of origin in cholangiocarcinoma underlie biological, epidemiological and clinical heterogeneity. <i>World Journal of Gastrointestinal Oncology</i> , 2012 , 4, 94-102	3.4	82
210	Regression of cholangiocyte proliferation after cessation of ANIT feeding is coupled with increased apoptosis. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 281, G182-90	5.1	81
209	Hepatic microcirculation and peribiliary plexus in experimental biliary cirrhosis: a morphological study. <i>Gastroenterology</i> , 1996 , 111, 1118-24	13.3	81
208	Nerve growth factor modulates the proliferative capacity of the intrahepatic biliary epithelium in experimental cholestasis. <i>Gastroenterology</i> , 2004 , 127, 1198-209	13.3	76
207	Serotonin metabolism is dysregulated in cholangiocarcinoma, which has implications for tumor growth. <i>Cancer Research</i> , 2008 , 68, 9184-93	10.1	75
206	Activation of biliary tree stem cells within peribiliary glands in primary sclerosing cholangitis. <i>Journal of Hepatology</i> , 2015 , 63, 1220-8	13.4	74
205	Liver carcinogenesis: rodent models of hepatocarcinoma and cholangiocarcinoma. <i>Digestive and Liver Disease</i> , 2013 , 45, 450-9	3.3	74

204	gamma-Aminobutyric acid inhibits cholangiocarcinoma growth by cyclic AMP-dependent regulation of the protein kinase A/extracellular signal-regulated kinase 1/2 pathway. <i>Cancer Research</i> , 2005 , 65, 11437-46	10.1	74
203	High performance liquid chromatographic analysis of molecular species of phosphatidylcholine--development of quantitative assay and its application to human bile. <i>Clinica Chimica Acta</i> , 1983 , 134, 281-95	6.2	71
202	Leptin enhances cholangiocarcinoma cell growth. <i>Cancer Research</i> , 2008 , 68, 6752-61	10.1	70
201	H3 histamine receptor agonist inhibits biliary growth of BDL rats by downregulation of the cAMP-dependent PKA/ERK1/2/ELK-1 pathway. <i>Laboratory Investigation</i> , 2007 , 87, 473-87	5.9	70
200	Caffeic acid phenethyl ester decreases cholangiocarcinoma growth by inhibition of NF-kappaB and induction of apoptosis. <i>International Journal of Cancer</i> , 2009 , 125, 565-76	7.5	69
199	Morphological and functional features of hepatic cyst epithelium in autosomal dominant polycystic kidney disease. <i>American Journal of Pathology</i> , 2008 , 172, 321-32	5.8	69
198	Secretin stimulates biliary cell proliferation by regulating expression of microRNA 125b and microRNA let7a in mice. <i>Gastroenterology</i> , 2014 , 146, 1795-808.e12	13.3	67
197	Bile acid depletion and repletion regulate cholangiocyte growth and secretion by a phosphatidylinositol 3-kinase-dependent pathway in rats. <i>Gastroenterology</i> , 2002 , 123, 1226-37	13.3	67
196	Machine Learning Detects Pan-cancer Ras Pathway Activation in The Cancer Genome Atlas. <i>Cell Reports</i> , 2018 , 23, 172-180.e3	10.6	66
195	Classical HLA-DRB1 and DPB1 alleles account for HLA associations with primary biliary cirrhosis. <i>Genes and Immunity</i> , 2012 , 13, 461-8	4.4	66
194	Profiles of cancer stem cell subpopulations in cholangiocarcinomas. <i>American Journal of Pathology</i> , 2015 , 185, 1724-39	5.8	65
193	Descriptive epidemiology of cholangiocarcinoma in Italy. <i>Digestive and Liver Disease</i> , 2010 , 42, 490-5	3.3	64
192	Estrogens stimulate the proliferation of human cholangiocarcinoma by inducing the expression and secretion of vascular endothelial growth factor. <i>Digestive and Liver Disease</i> , 2009 , 41, 156-63	3.3	63
191	Concise review: clinical programs of stem cell therapies for liver and pancreas. <i>Stem Cells</i> , 2013 , 31, 2047-60	5.0	61
190	Administration of r-VEGF-A prevents hepatic artery ligation-induced bile duct damage in bile duct ligated rats. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 291, G307-17	5.1	61
189	The intrahepatic biliary epithelium is a target of the growth hormone/insulin-like growth factor 1 axis. <i>Journal of Hepatology</i> , 2005 , 43, 875-83	13.4	61
188	Pretreatment prediction of response to ursodeoxycholic acid in primary biliary cholangitis: development and validation of the UDCA Response Score. <i>The Lancet Gastroenterology and Hepatology</i> , 2018 , 3, 626-634	18.8	60
187	After damage of large bile ducts by gamma-aminobutyric acid, small ducts replenish the biliary tree by amplification of calcium-dependent signaling and de novo acquisition of large cholangiocyte phenotypes. <i>American Journal of Pathology</i> , 2010 , 176, 1790-800	5.8	59

186	Alpha-1 adrenergic receptor agonists modulate ductal secretion of BDL rats via Ca(2+)- and PKC-dependent stimulation of cAMP. <i>Hepatology</i> , 2004 , 40, 1116-27	11.2	59
185	Serum microRNAs as novel biomarkers for primary sclerosing cholangitis and cholangiocarcinoma. <i>Clinical and Experimental Immunology</i> , 2016 , 185, 61-71	6.2	59
184	The function of alkaline phosphatase in the liver: regulation of intrahepatic biliary epithelium secretory activities in the rat. <i>Hepatology</i> , 2000 , 32, 174-84	11.2	58
183	Dopaminergic inhibition of secretin-stimulated choleresis by increased PKC-gamma expression and decrease of PKA activity. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 284, G683-94	5.1	57
182	Relationships between bile salts hydrophilicity and phospholipid composition in bile of various animal species. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1986 , 83, 551-4		57
181	Integrated Genomic Analysis of the Ubiquitin Pathway across Cancer Types. <i>Cell Reports</i> , 2018 , 23, 213-226	6.3	56
180	Serum and bile biomarkers for cholangiocarcinoma. <i>Current Opinion in Gastroenterology</i> , 2009 , 25, 279-84		56
179	The secretin/secretin receptor axis modulates liver fibrosis through changes in transforming growth factor- β biliary secretion in mice. <i>Hepatology</i> , 2016 , 64, 865-79	11.2	56
178	Model of fibrolamellar hepatocellular carcinomas reveals striking enrichment in cancer stem cells. <i>Nature Communications</i> , 2015 , 6, 8070	17.4	55
177	Cholangiocytes and blood supply. <i>World Journal of Gastroenterology</i> , 2006 , 12, 3546-52	5.6	55
176	Effect of ovariectomy on the proliferative capacity of intrahepatic rat cholangiocytes. <i>Gastroenterology</i> , 2002 , 123, 336-44	13.3	54
175	Hepatic microvascular features in experimental cirrhosis: a structural and morphometrical study in CCl4-treated rats. <i>Journal of Hepatology</i> , 2000 , 33, 555-63	13.4	54
174	Evidence for multipotent endodermal stem/progenitor cell populations in human gallbladder. <i>Journal of Hepatology</i> , 2014 , 60, 1194-202	13.4	53
173	Follicle-stimulating hormone increases cholangiocyte proliferation by an autocrine mechanism via cAMP-dependent phosphorylation of ERK1/2 and Elk-1. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 297, G11-26	5.1	53
172	Recent advances in the morphological and functional heterogeneity of the biliary epithelium. <i>Experimental Biology and Medicine</i> , 2013 , 238, 549-65	3.7	52
171	Alfa and beta estrogen receptors and the biliary tree. <i>Molecular and Cellular Endocrinology</i> , 2002 , 193, 105-8	4.4	52
170	Current Status on Cholangiocarcinoma and Gallbladder Cancer. <i>Liver Cancer</i> , 2016 , 6, 59-65	9.1	51
169	Mucin-producing cholangiocarcinoma might derive from biliary tree stem/progenitor cells located in peribiliary glands. <i>Hepatology</i> , 2012 , 55, 2041-2	11.2	51

168	Adrenergic receptor agonists prevent bile duct injury induced by adrenergic denervation by increased cAMP levels and activation of Akt. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 290, G813-26	5.1	49
167	Corticosteroids modulate the secretory processes of the rat intrahepatic biliary epithelium. <i>Gastroenterology</i> , 2002 , 122, 1058-69	13.3	49
166	Stem/Progenitor Cell Niches Involved in Hepatic and Biliary Regeneration. <i>Stem Cells International</i> , 2016 , 2016, 3658013	5	48
165	Insulin inhibits secretin-induced ductal secretion by activation of PKC alpha and inhibition of PKA activity. <i>Hepatology</i> , 2002 , 36, 641-51	11.2	46
164	Serum and biliary insulin-like growth factor I and vascular endothelial growth factor in determining the cause of obstructive cholestasis. <i>Annals of Internal Medicine</i> , 2007 , 147, 451-9	8	45
163	Increased susceptibility of cholangiocytes to tumor necrosis factor-alpha cytotoxicity after bile duct ligation. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 285, C183-94	5.4	45
162	Taurocholate prevents the loss of intrahepatic bile ducts due to vagotomy in bile duct-ligated rats. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 284, G837-52	5.1	45
161	Regulation of ERK/JNK/p70S6K in two rat models of liver injury and fibrosis. <i>Journal of Hepatology</i> , 2003 , 39, 528-37	13.4	45
160	Pathway-based analysis of primary biliary cirrhosis genome-wide association studies. <i>Genes and Immunity</i> , 2013 , 14, 179-86	4.4	44
159	Regulation of endocytic-transcytotic pathways and bile secretion by phosphatidylinositol 3-kinase in rats. <i>Gastroenterology</i> , 1997 , 113, 954-65	13.3	44
158	New insights on cholangiocarcinoma. <i>World Journal of Gastrointestinal Oncology</i> , 2010 , 2, 136-45	3.4	44
157	Multipotent stem/progenitor cells in the human foetal biliary tree. <i>Journal of Hepatology</i> , 2012 , 57, 987-94	13.4	43
156	Melatonin inhibits cholangiocyte hyperplasia in cholestatic rats by interaction with MT1 but not MT2 melatonin receptors. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 301, G634-43	5.1	43
155	New insights on the molecular and cell biology of human cholangiopathies. <i>Molecular Aspects of Medicine</i> , 2008 , 29, 50-7	16.7	42
154	Transplantation of human fetal biliary tree stem/progenitor cells into two patients with advanced liver cirrhosis. <i>BMC Gastroenterology</i> , 2014 , 14, 204	3	41
153	Melatonin exerts by an autocrine loop antiproliferative effects in cholangiocarcinoma: its synthesis is reduced favoring cholangiocarcinoma growth. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 301, G623-33	5.1	41
152	Hepatic Stem/Progenitor Cell Activation Differs between Primary Sclerosing and Primary Biliary Cholangitis. <i>American Journal of Pathology</i> , 2018 , 188, 627-639	5.8	40
151	Molecular identification and functional characterization of Mdr1a in rat cholangiocytes. <i>Gastroenterology</i> , 2000 , 119, 1113-22	13.3	40

150	European Guideline on IgG4-related digestive disease - UEG and SGF evidence-based recommendations. <i>United European Gastroenterology Journal</i> , 2020 , 8, 637-666	5.3	39
149	Dysregulation of Iron Metabolism in Cholangiocarcinoma Stem-like Cells. <i>Scientific Reports</i> , 2017 , 7, 176679	4.79	39
148	Neoplastic Transformation of the Peribiliary Stem Cell Niche in Cholangiocarcinoma Arisen in Primary Sclerosing Cholangitis. <i>Hepatology</i> , 2019 , 69, 622-638	11.2	37
147	Physico-chemical factors predisposing to pigment gallstone formation in liver cirrhosis. <i>Journal of Hepatology</i> , 1990 , 10, 228-34	13.4	36
146	Cholangiocarcinoma in Italy: A national survey on clinical characteristics, diagnostic modalities and treatment. Results from the "Cholangiocarcinoma" committee of the Italian Association for the Study of Liver disease. <i>Digestive and Liver Disease</i> , 2011 , 43, 60-5	3.3	35
145	Progenitor cell niches in the human pancreatic duct system and associated pancreatic duct glands: an anatomical and immunophenotyping study. <i>Journal of Anatomy</i> , 2016 , 228, 474-86	2.9	35
144	Increased local dopamine secretion has growth-promoting effects in cholangiocarcinoma. <i>International Journal of Cancer</i> , 2010 , 126, 2112-22	7.5	34
143	Activation of the IGF1 system characterizes cholangiocyte survival during progression of primary biliary cirrhosis. <i>Journal of Histochemistry and Cytochemistry</i> , 2007 , 55, 327-34	3.4	33
142	Cholangiocarcinoma: increasing burden of classifications. <i>Hepatobiliary Surgery and Nutrition</i> , 2013 , 2, 272-80	2.1	33
141	Effect of glucagon on intracellular pH regulation in isolated rat hepatocyte couplets. <i>Journal of Clinical Investigation</i> , 1995 , 96, 665-75	15.9	32
140	An oestrogen receptor β -selective agonist exerts anti-neoplastic effects in experimental intrahepatic cholangiocarcinoma. <i>Digestive and Liver Disease</i> , 2012 , 44, 134-42	3.3	31
139	Prolactin stimulates the proliferation of normal female cholangiocytes by differential regulation of Ca ²⁺ -dependent PKC isoforms. <i>BMC Physiology</i> , 2007 , 7, 6	0	31
138	Taurocholate feeding prevents CCL4-induced damage of large cholangiocytes through PI3-kinase-dependent mechanism. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 284, G290-301	5.1	31
137	Endothelin inhibits cholangiocarcinoma growth by a decrease in the vascular endothelial growth factor expression. <i>Liver International</i> , 2009 , 29, 1031-42	7.9	30
136	Knockout of the neurokinin-1 receptor reduces cholangiocyte proliferation in bile duct-ligated mice. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 301, G297-305	5.1	29
135	Insulin-like growth factor-1 isoforms in rat hepatocytes and cholangiocytes and their involvement in protection against cholestatic injury. <i>Laboratory Investigation</i> , 2008 , 88, 986-94	5.9	29
134	The alpha2-adrenergic receptor agonist UK 14,304 inhibits secretin-stimulated ductal secretion by downregulation of the cAMP system in bile duct-ligated rats. <i>American Journal of Physiology - Cell Physiology</i> , 2007 , 293, C1252-62	5.4	29
133	Molecular composition of biliary phosphatidylcholines, as related to cholesterol saturation, transport and nucleation in human gallbladder bile. <i>Journal of Hepatology</i> , 1992 , 15, 59-66	13.4	29

132	Knockout of secretin receptor reduces biliary damage and liver fibrosis in Mdr2 mice by diminishing senescence of cholangiocytes. <i>Laboratory Investigation</i> , 2018 , 98, 1449-1464	5.9	28
131	The Fas/Fas ligand apoptosis pathway underlies immunomodulatory properties of human biliary tree stem/progenitor cells. <i>Journal of Hepatology</i> , 2014 , 61, 1097-105	13.4	28
130	Taurocholate feeding to bile duct ligated rats prevents caffeic acid-induced bile duct damage by changes in cholangiocyte VEGF expression. <i>Experimental Biology and Medicine</i> , 2009 , 234, 462-74	3.7	28
129	Genetic association analysis identifies variants associated with disease progression in primary sclerosing cholangitis. <i>Gut</i> , 2018 , 67, 1517-1524	19.2	28
128	Gastrin reverses established cholangiocyte proliferation and enhanced secretin-stimulated ductal secretion of BDL rats by activation of apoptosis through increased expression of Ca ²⁺ -dependent PKC isoforms. <i>Liver International</i> , 2003 , 23, 78-88	7.9	27
127	Effect of taurine administration on liver lipids in guinea pig. <i>Experientia</i> , 1986 , 42, 407-8		27
126	Intestinal permeability changes with bacterial translocation as key events modulating systemic host immune response to SARS-CoV-2: A working hypothesis. <i>Digestive and Liver Disease</i> , 2020 , 52, 1383-1389 ^{3,3}		27
125	Contribution of Resident Stem Cells to Liver and Biliary Tree Regeneration in Human Diseases. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	27
124	Sensitivity of Human Intrahepatic Cholangiocarcinoma Subtypes to Chemotherapeutics and Molecular Targeted Agents: A Study on Primary Cell Cultures. <i>PLoS ONE</i> , 2015 , 10, e0142124	3.7	26
123	Polycystic liver diseases. <i>Digestive and Liver Disease</i> , 2010 , 42, 261-71	3.3	26
122	Recent advances in the regulation of cholangiocyte proliferation and function during extrahepatic cholestasis. <i>Digestive and Liver Disease</i> , 2010 , 42, 245-52	3.3	26
121	TGF- β signaling is an effective target to impair survival and induce apoptosis of human cholangiocarcinoma cells: A study on human primary cell cultures. <i>PLoS ONE</i> , 2017 , 12, e0183932	3.7	25
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119	Control of cholangiocyte adaptive responses by visceral hormones and neuropeptides. <i>Clinical Reviews in Allergy and Immunology</i> , 2009 , 36, 13-22	12.3	25
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