Domenico Alvaro

List of Publications by Year
in descending order

387 papers	37,052 citations	6233 80 h-index	4101 175 g-index
442 all docs	442 docs citations	442 times ranked	42594 citing authors

#	Article	IF	Citations
1	The Immune Landscape of Cancer. Immunity, 2018, 48, 812-830.e14.	6.6	3,706
2	An Integrated TCGA Pan-Cancer Clinical Data Resource to Drive High-Quality Survival Outcome Analytics. Cell, 2018, 173, 400-416.e11.	13.5	2,277
3	Oncogenic Signaling Pathways in The Cancer Genome Atlas. Cell, 2018, 173, 321-337.e10.	13.5	2,111
4	Cell-of-Origin Patterns Dominate the Molecular Classification of 10,000 Tumors from 33 Types of Cancer. Cell, 2018, 173, 291-304.e6.	13.5	1,718
5	Comprehensive Characterization of Cancer Driver Genes and Mutations. Cell, 2018, 173, 371-385.e18.	13.5	1,670
6	Machine Learning Identifies Stemness Features Associated with Oncogenic Dedifferentiation. Cell, 2018, 173, 338-354.e15.	13.5	1,417
7	Cholangiocarcinoma 2020: the next horizon in mechanisms and management. Nature Reviews Gastroenterology and Hepatology, 2020, 17, 557-588.	8.2	1,155
8	Cholangiocarcinoma: current knowledge and future perspectives consensus statement from the European Network for the Study of Cholangiocarcinoma (ENS-CCA). Nature Reviews Gastroenterology and Hepatology, 2016, 13, 261-280.	8.2	964
9	Genomic and Molecular Landscape of DNA Damage Repair Deficiency across The Cancer Genome Atlas. Cell Reports, 2018, 23, 239-254.e6.	2.9	801
10	Genomic and Functional Approaches to Understanding Cancer Aneuploidy. Cancer Cell, 2018, 33, 676-689.e3.	7.7	750
11	Spatial Organization and Molecular Correlation of Tumor-Infiltrating Lymphocytes Using Deep Learning on Pathology Images. Cell Reports, 2018, 23, 181-193.e7.	2.9	683
12	Pathogenic Germline Variants in 10,389 Adult Cancers. Cell, 2018, 173, 355-370.e14.	13.5	620
13	Scalable Open Science Approach for Mutation Calling of Tumor Exomes Using Multiple Genomic Pipelines. Cell Systems, 2018, 6, 271-281.e7.	2.9	605
14	The Cancer Genome Atlas Comprehensive Molecular Characterization of Renal Cell Carcinoma. Cell Reports, 2018, 23, 313-326.e5.	2.9	523
15	A Comprehensive Pan-Cancer Molecular Study of Gynecologic and Breast Cancers. Cancer Cell, 2018, 33, 690-705.e9.	7.7	478
16	Integrative Genomic Analysis of Cholangiocarcinoma Identifies Distinct IDH-Mutant Molecular Profiles. Cell Reports, 2017, 18, 2780-2794.	2.9	416
17	Driver Fusions and Their Implications in the Development and Treatment of Human Cancers. Cell Reports, 2018, 23, 227-238.e3.	2.9	407
18	lncRNA Epigenetic Landscape Analysis Identifies EPIC1 as an Oncogenic lncRNA that Interacts with MYC and Promotes Cell-Cycle Progression in Cancer. Cancer Cell, 2018, 33, 706-720.e9.	7.7	400

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19	Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas. Cancer Cell, 2018, 33, 721-735.e8.	7.7	396
20	Genome-wide meta-analyses identify three loci associated with primary biliary cirrhosis. Nature Genetics, 2010, 42, 658-660.	9.4	389
21	Dense genotyping of immune-related disease regions identifies nine new risk loci for primary sclerosing cholangitis. Nature Genetics, 2013, 45, 670-675.	9.4	339
22	Somatic Mutational Landscape of Splicing Factor Genes and Their Functional Consequences across 33 Cancer Types. Cell Reports, 2018, 23, 282-296.e4.	2.9	333
23	Pan-cancer Alterations of the MYC Oncogene and Its Proximal Network across the Cancer Genome Atlas. Cell Systems, 2018, 6, 282-300.e2.	2.9	284
24	Multipotent stem/progenitor cells in human biliary tree give rise to hepatocytes, cholangiocytes, and pancreatic islets. Hepatology, 2011, 54, 2159-2172.	3.6	283
25	Perspective on Oncogenic Processes at the End of the Beginning of Cancer Genomics. Cell, 2018, 173, 305-320.e10.	13.5	272
26	Proliferating Cholangiocytes: A Neuroendocrine Compartment in the Diseased Liver. Gastroenterology, 2007, 132, 415-431.	0.6	264
27	Human hepatic stem cell and maturational liver lineage biology. Hepatology, 2011, 53, 1035-1045.	3.6	264
28	Bile acid-induced liver toxicity: Relation to the hydrophobic-hydrophilic balance of bile acids. Medical Hypotheses, 1986, 19, 57-69.	0.8	261
29	International genome-wide meta-analysis identifies new primary biliary cirrhosis risk loci and targetable pathogenic pathways. Nature Communications, 2015, 6, 8019.	5.8	245
30	Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. Cell Reports, 2018, 23, 194-212.e6.	2.9	245
31	A Pan-Cancer Analysis of Enhancer Expression in Nearly 9000 Patient Samples. Cell, 2018, 173, 386-399.e12.	13.5	228
32	Autocrine/paracrine regulation of the growth of the biliary tree by the neuroendocrine hormone serotonin. Gastroenterology, 2005, 128, 121-137.	0.6	226
33	Pan-Cancer Analysis of lncRNA Regulation Supports Their Targeting of Cancer Genes in Each Tumor Context. Cell Reports, 2018, 23, 297-312.e12.	2.9	205
34	Molecular Characterization and Clinical Relevance of Metabolic Expression Subtypes in Human Cancers. Cell Reports, 2018, 23, 255-269.e4.	2.9	204
35	Increased Liver Localization of Lipopolysaccharides in Human and Experimental NAFLD. Hepatology, 2020, 72, 470-485.	3.6	203
36	Lineage restriction of human hepatic stem cells to mature fates is made efficient by tissue-specific biomatrix scaffolds. Hepatology, 2011, 53, 293-305.	3.6	199

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37	Biliary tree stem/progenitor cells in glands of extrahepatic and intraheptic bile ducts: an anatomical <i>in situ</i> study yielding evidence of maturational lineages. Journal of Anatomy, 2012, 220, 186-199.	0.9	194
38	Vascular Endothelial Growth Factor Stimulates Rat Cholangiocyte Proliferation Via an Autocrine Mechanism. Gastroenterology, 2006, 130, 1270-1282.	0.6	188
39	The biliary treeâ€"a reservoir of multipotent stem cells. Nature Reviews Gastroenterology and Hepatology, 2012, 9, 231-240.	8.2	187
40	Systematic Analysis of Splice-Site-Creating Mutations in Cancer. Cell Reports, 2018, 23, 270-281.e3.	2.9	177
41	Estrogens stimulate proliferation of intrahepatic biliary epithelium in rats. Gastroenterology, 2000, 119, 1681-1691.	0.6	169
42	Intra-hepatic and extra-hepatic cholangiocarcinoma: New insight into epidemiology and risk factors. World Journal of Gastrointestinal Oncology, 2010, 2, 407.	0.8	169
43	Cholangiocyte proliferation and liver fibrosis. Expert Reviews in Molecular Medicine, 2009, 11, e7.	1.6	167
44	Cholangiocarcinoma: Update and future perspectives. Digestive and Liver Disease, 2010, 42, 253-260.	0.4	158
45	Cholinergic system modulates growth, apoptosis, and secretion of cholangiocytes from bile ductâ€"ligated rats. Gastroenterology, 1999, 117, 191-199.	0.6	155
46	Functional heterogeneity of the intrahepatic biliary epithelium. Hepatology, 2000, 31, 555-561.	3.6	139
47	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. Human Molecular Genetics, 2012, 21, 5209-5221.	1.4	139
48	Estrogens and Insulin-Like Growth Factor 1 Modulate Neoplastic Cell Growth in Human Cholangiocarcinoma. American Journal of Pathology, 2006, 169, 877-888.	1.9	136
49	Cholangiocarcinoma stem-like subset shapes tumor-initiating niche by educating associated macrophages. Journal of Hepatology, 2017, 66, 102-115.	1.8	130
50	Hepatic progenitor cells activation, fibrosis, and adipokines production in pediatric nonalcoholic fatty liver disease. Hepatology, 2012, 56, 2142-2153.	3.6	123
51	Effect of secretion on intracellular pH regulation in isolated rat bile duct epithelial cells.. Journal of Clinical Investigation, 1993, 92, 1314-1325.	3.9	122
52	Role and mechanisms of action of acetylcholine in the regulation of rat cholangiocyte secretory functions.. Journal of Clinical Investigation, 1997, 100, 1349-1362.	3.9	122
53	Human leukocyte antigen polymorphisms in italian primary biliary cirrhosis: A multicenter study of 664 patients and 1992 healthy controls. Hepatology, 2008, 48, 1906-1912.	3.6	120
54	European Guideline on IgG4â€related digestive disease â€" UEG and SGF evidenceâ€based recommendations. United European Gastroenterology Journal, 2020, 8, 637-666.	1.6	120

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55	Machine Learning Detects Pan-cancer Ras Pathway Activation in The Cancer Genome Atlas. Cell Reports, 2018, 23, 172-180.e3.	2.9	119
56	Cholangiocarcinoma landscape in Europe: Diagnostic, prognostic and therapeutic insights from the ENSCCA Registry. Journal of Hepatology, 2022, 76, 1109-1121.	1.8	119
57	Morphological and functional heterogeneity of the mouse intrahepatic biliary epithelium. Laboratory Investigation, 2009, 89, 456-469.	1.7	118
58	Estrogens and the pathophysiology of the biliary tree. World Journal of Gastroenterology, 2006, 12, 3537.	1.4	113
59	cAMP stimulates the secretory and proliferative capacity of the rat intrahepatic biliary epithelium through changes in the PKA/Src/MEK/ERK1/2 pathway. Journal of Hepatology, 2004, 41, 528-537.	1.8	110
60	Isolation of small polarized bile duct units.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 6527-6531.	3.3	108
61	Estrogen receptors in cholangiocytes and the progression of primary biliary cirrhosis. Journal of Hepatology, 2004, 41, 905-912.	1.8	108
62	Pretreatment prediction of response to ursodeoxycholic acid in primary biliary cholangitis: development and validation of the UDCA Response Score. The Lancet Gastroenterology and Hepatology, 2018, 3, 626-634.	3.7	103
63	Intracellular pathways mediating estrogen-induced cholangiocyte proliferation in the rat. Hepatology, 2002, 36, 297-304.	3.6	101
64	Cytotoxicity of bile salts against biliary epithelium: A study in isolated bile ductule fragments and isolated perfused rat liver. Hepatology, 1997, 26, 9-21.	3.6	100
65	Biliary tree stem cells, precursors to pancreatic committed progenitors: Evidence for possible life-long pancreatic organogenesis. Stem Cells, 2013, 31, 1966-1979.	1.4	99
66	Activation of biliary tree stem cells within peribiliary glands in primary sclerosing cholangitis. Journal of Hepatology, 2015, 63, 1220-1228.	1.8	98
67	Gastrin inhibits cholangiocyte growth in bile ductâ€"ligated rats by interaction with cholecystokinin-B/gastrin receptors viaD -myo-inositol 1,4,5-triphosphateâ€", Ca2+-, and protein kinase CÎ±â€"dependent mechanisms. Hepatology, 2000, 32, 17-25.	3.6	96
68	Multiple cells of origin in cholangiocarcinoma underlie biological, epidemiological and clinical heterogeneity. World Journal of Gastrointestinal Oncology, 2012, 4, 94.	0.8	95
69	Regulation and deregulation of cholangiocyte proliferation. Journal of Hepatology, 2000, 33, 333-340.	1.8	94
70	New insights into liver stem cells. Digestive and Liver Disease, 2009, 41, 455-462.	0.4	94
71	Hepatic microcirculation and peribiliary plexus in experimental biliary cirrhosis: A morphological study. Gastroenterology, 1996, 111, 1118-1124.	0.6	93
72	Serotonin Metabolism Is Dysregulated in Cholangiocarcinoma, which Has Implications for Tumor Growth. Cancer Research, 2008, 68, 9184-9193.	0.4	90

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73	Regression of cholangiocyte proliferation after cessation of ANIT feeding is coupled with increased apoptosis. American Journal of Physiology - Renal Physiology, 2001, 281, G182-G190.	1.6	89
74	Nerve growth factor modulates the proliferative capacity of the intrahepatic biliary epithelium in experimental cholestasis. Gastroenterology, 2004, 127, 1198-1209.	0.6	87
75	Liver carcinogenesis: Rodent models of hepatocarcinoma and cholangiocarcinoma. Digestive and Liver Disease, 2013, 45, 450-459.	0.4	87
76	Profiles of Cancer Stem Cell Subpopulations in Cholangiocarcinomas. American Journal of Pathology, 2015, 185, 1724-1739.	1.9	87
77	Model of fibrolamellar hepatocellular carcinomas reveals striking enrichment in cancer stem cells. Nature Communications, 2015, 6, 8070.	5.8	86
78	Î³-Aminobutyric Acid Inhibits Cholangiocarcinoma Growth by Cyclic AMPâ€“Dependent Regulation of the Protein Kinase A/Extracellular Signal-Regulated Kinase 1/2 Pathway. Cancer Research, 2005, 65, 11437-11446.	0.4	85
79	Estrogens stimulate the proliferation of human cholangiocarcinoma by inducing the expression and secretion of vascular endothelial growth factor. Digestive and Liver Disease, 2009, 41, 156-163.	0.4	83
80	Secretin Stimulates Biliary Cell Proliferation by Regulating Expression of MicroRNA 125b and MicroRNA let7a in Mice. Gastroenterology, 2014, 146, 1795-1808.e12.	0.6	83
81	Integrated Genomic Analysis of the Ubiquitin Pathway across Cancer Types. Cell Reports, 2018, 23, 213-226.e3.	2.9	83
82	Concise review: Clinical programs of stem cell therapies for liver and pancreas. Stem Cells, 2013, 31, 2047-2060.	1.4	80
83	Morphological and Functional Features of Hepatic Cyst Epithelium in Autosomal Dominant Polycystic Kidney Disease. American Journal of Pathology, 2008, 172, 321-332.	1.9	79
84	Caffeic acid phenethyl ester decreases cholangiocarcinoma growth by inhibition of NFâ€ÎºB and induction of apoptosis. International Journal of Cancer, 2009, 125, 565-576.	2.3	79
85	The secretin/secretin receptor axis modulates liver fibrosis through changes in transforming growth factorâ€Î²1 biliary secretion in mice. Hepatology, 2016, 64, 865-879.	3.6	79
86	H3 histamine receptor agonist inhibits biliary growth of BDL rats by downregulation of the cAMP-dependent PKA/ERK1/2/ELK-1 pathway. Laboratory Investigation, 2007, 87, 473-487.	1.7	77
87	Leptin Enhances Cholangiocarcinoma Cell Growth. Cancer Research, 2008, 68, 6752-6761.	0.4	77
88	High performance liquid chromatographic analysis of molecular species of phosphatidylcholine â€" development of quantitative assay and its application to human bile. Clinica Chimica Acta, 1983, 134, 281-295.	0.5	75
89	Descriptive epidemiology of cholangiocarcinoma in Italy. Digestive and Liver Disease, 2010, 42, 490-495.	0.4	75
90	Classical HLA-DRB1 and DPB1 alleles account for HLA associations with primary biliary cirrhosis. Genes and Immunity, 2012, 13, 461-468.	2.2	75

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91	Serum microRNAs as novel biomarkers for primary sclerosing cholangitis and cholangiocarcinoma. Clinical and Experimental Immunology, 2016, 185, 61-71.	1.1	75
92	Bile acid depletion and repletion regulate cholangiocyte growth and secretion by a phosphatidylinositol 3-kinaseâ€"dependent pathway in rats. Gastroenterology, 2002, 123, 1226-1237.	0.6	74
93	Current Status on Cholangiocarcinoma and Gallbladder Cancer. Liver Cancer, 2017, 6, 59-65.	4.2	73
94	The intrahepatic biliary epithelium is a target of the growth hormone/insulin-like growth factor 1 axis. Journal of Hepatology, 2005, 43, 875-883.	1.8	72
95	Cholangiocytes and blood supply. World Journal of Gastroenterology, 2006, 12, 3546.	1.4	70
96	Relationships between bile salts hydrophilicity and phospholipid composition in bile of various animal species. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1986, 83, 551-554.	0.2	69
97	Serum and bile biomarkers for cholangiocarcinoma. Current Opinion in Gastroenterology, 2009, 25, 279-284.	1.0	69
98	Intestinal permeability changes with bacterial translocation as key events modulating systemic host immune response to SARS-CoV-2: A working hypothesis. Digestive and Liver Disease, 2020, 52, 1383-1389.	0.4	69
99	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. American Journal of Pathology, 2010, 176, 1790-1800.	1.9	68
100	The function of alkaline phosphatase in the liver: Regulation of intrahepatic biliary epithelium secretory activities in the rat. Hepatology, 2000, 32, 174-184.	3.6	67
101	Administration of r-VEGF-A prevents hepatic artery ligation-induced bile duct damage in bile duct ligated rats. American Journal of Physiology - Renal Physiology, 2006, 291, G307-G317.	1.6	67
102	Recent advances in the morphological and functional heterogeneity of the biliary epithelium. Experimental Biology and Medicine, 2013, 238, 549-565.	1.1	64
103	Evidence for multipotent endodermal stem/progenitor cell populations in human gallbladder. Journal of Hepatology, 2014, 60, 1194-1202.	1.8	62
104	An international genome-wide meta-analysis of primary biliary cholangitis: Novel risk loci and candidate drugs. Journal of Hepatology, 2021, 75, 572-581.	1.8	62
105	Î±-1 adrenergic receptor agonists modulate ductal secretion of BDL rats via Ca2+- and PKC-dependent stimulation of cAMP. Hepatology, 2004, 40, 1116-1127.	3.6	61
106	Follicle-stimulating hormone increases cholangiocyte proliferation by an autocrine mechanism via cAMP-dependent phosphorylation of ERK1/2 and Elk-1. American Journal of Physiology - Renal Physiology, 2009, 297, G11-G26.	1.6	61
107	Mucin-producing cholangiocarcinoma might derive from biliary tree stem/progenitor cells located in peribiliary glands. Hepatology, 2012, 55, 2041-2042.	3.6	60
108	Stem/Progenitor Cell Niches Involved in Hepatic and Biliary Regeneration. Stem Cells International, 2016, 2016, 1-12.	1.2	60

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109	Dysregulation of Iron Metabolism in Cholangiocarcinoma Stem-like Cells. Scientific Reports, 2017, 7, 17667.	1.6	60
110	Dopaminergic inhibition of secretin-stimulated choleresis by increased PKC-Î³ expression and decrease of PKA activity. American Journal of Physiology - Renal Physiology, 2003, 284, G683-G694.	1.6	59
111	Cholangiocarcinoma in Italy: A national survey on clinical characteristics, diagnostic modalities and treatment. Results from the â€œCholangiocarcinomaâ€• committee of the Italian Association for the Study of Liver disease. Digestive and Liver Disease, 2011, 43, 60-65.	0.4	59
112	Hepatic Stem/Progenitor Cell Activation Differs between Primary Sclerosing and Primary Biliary Cholangitis. American Journal of Pathology, 2018, 188, 627-639.	1.9	59
113	Hepatic microvascular features in experimental cirrhosis: a structural and morphometrical study in CCl4-treated rats. Journal of Hepatology, 2000, 33, 555-563.	1.8	59
114	Effect of ovariectomy on the proliferative capacity of intrahepatic rat cholangiocytes. Gastroenterology, 2002, 123, 336-344.	0.6	58
115	Alfa and beta estrogen receptors and the biliary tree. Molecular and Cellular Endocrinology, 2002, 193, 105-108.	1.6	57
116	Insulin inhibits secretin-induced ductal secretion by activation of PKC alpha and inhibition of PKA activity. Hepatology, 2002, 36, 641-651.	3.6	55
117	Adrenergic receptor agonists prevent bile duct injury induced by adrenergic denervation by increased cAMP levels and activation of Akt. American Journal of Physiology - Renal Physiology, 2006, 290, G813-G826.	1.6	55
118	Corticosteroids modulate the secretory processes of the rat intrahepatic biliary epithelium. Gastroenterology, 2002, 122, 1058-1069.	0.6	54
119	New insights on cholangiocarcinoma. World Journal of Gastrointestinal Oncology, 2010, 2, 136.	0.8	54
120	Melatonin inhibits cholangiocyte hyperplasia in cholestatic rats by interaction with MT1 but not MT2 melatonin receptors. American Journal of Physiology - Renal Physiology, 2011, 301, G634-G643.	1.6	53
121	Increased susceptibility of cholangiocytes to tumor necrosis factor-Î± cytotoxicity after bile duct ligation. American Journal of Physiology - Cell Physiology, 2003, 285, C183-C194.	2.1	52
122	Serum and Biliary Insulin-like Growth Factor I and Vascular Endothelial Growth Factor in Determining the Cause of Obstructive Cholestasis. Annals of Internal Medicine, 2007, 147, 451.	2.0	52
123	Pathway-based analysis of primary biliary cirrhosis genome-wide association studies. Genes and Immunity, 2013, 14, 179-186.	2.2	52
124	Transplantation of human fetal biliary tree stem/progenitor cells into two patients with advanced liver cirrhosis. BMC Gastroenterology, 2014, 14, 204.	0.8	49
125	Regulation of ERK/JNK/p70S6K in two rat models of liver injury and fibrosis. Journal of Hepatology, 2003, 39, 528-537.	1.8	48
126	Multipotent stem/progenitor cells in the human foetal biliary tree. Journal of Hepatology, 2012, 57, 987-994.	1.8	48

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127	Taurocholate prevents the loss of intrahepatic bile ducts due to vagotomy in bile duct-ligated rats. American Journal of Physiology - Renal Physiology, 2003, 284, G837-G852.	1.6	46
128	New insights on the molecular and cell biology of human cholangiopathies. Molecular Aspects of Medicine, 2008, 29, 50-57.	2.7	46
129	Increased local dopamine secretion has growthâ€promoting effects in cholangiocarcinoma. International Journal of Cancer, 2010, 126, 2112-2122.	2.3	46
130	Melatonin exerts by an autocrine loop antiproliferative effects in cholangiocarcinoma; its synthesis is reduced favoring cholangiocarcinoma growth. American Journal of Physiology - Renal Physiology, 2011, 301, G623-G633.	1.6	46
131	Regulation of endocytic-transcytotic pathways and bile secretion by phosphatidylinositol 3-kinase in rats. Gastroenterology, 1997, 113, 954-965.	0.6	45
132	Neoplastic Transformation of the Peribiliary Stem Cell Niche in Cholangiocarcinoma Arisen in Primary Sclerosing Cholangitis. Hepatology, 2019, 69, 622-638.	3.6	45
133	Progenitor cell niches in the human pancreatic duct system and associated pancreatic duct glands: an anatomical and immunophenotyping study. Journal of Anatomy, 2016, 228, 474-486.	0.9	42
134	Genetic association analysis identifies variants associated with disease progression in primary sclerosing cholangitis. Gut, 2018, 67, 1517-1524.	6.1	42
135	Molecular identification and functional characterization of Mdr1a in rat cholangiocytes. Gastroenterology, 2000, 119, 1113-1122.	0.6	41
136	Knockout of secretin receptor reduces biliary damage and liver fibrosis in Mdr2â^'/â^' mice by diminishing senescence of cholangiocytes. Laboratory Investigation, 2018, 98, 1449-1464.	1.7	41
137	Physico-chemical factors predisposing to pigment gallstone formation in liver cirrhosis. Journal of Hepatology, 1990, 10, 228-234.	1.8	40
138	Peribiliary Gland Niche Participates in Biliary Tree Regeneration in Mouse and in Human Primary Sclerosing Cholangitis. Hepatology, 2020, 71, 972-989.	3.6	40
139	Italian Clinical Practice Guidelines on Cholangiocarcinoma â€" Part I: Classification, diagnosis and staging. Digestive and Liver Disease, 2020, 52, 1282-1293.	0.4	40
140	Liver Metastases of Intrahepatic Cholangiocarcinoma: Implications for an Updated Staging System. Hepatology, 2021, 73, 2311-2325.	3.6	40
141	Thrombospondin 1 and 2 along with PEDF inhibit angiogenesis and promote lymphangiogenesis in intrahepatic cholangiocarcinoma. Journal of Hepatology, 2021, 75, 1377-1386.	1.8	40
142	Cholangiocarcinoma: increasing burden of classifications. Hepatobiliary Surgery and Nutrition, 2013, 2, 272-80.	0.7	39
143	Cutaneous adverse reactions after <scp>COVID</scp> â€19 vaccines in a cohort of 2740 Italian subjects: An observational study. Dermatologic Therapy, 2021, 34, e15153.	0.8	39
144	Contribution of Resident Stem Cells to Liver and Biliary Tree Regeneration in Human Diseases. International Journal of Molecular Sciences, 2018, 19, 2917.	1.8	38

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145	Insulin-like growth factor-1 isoforms in rat hepatocytes and cholangiocytes and their involvement in protection against cholestatic injury. Laboratory Investigation, 2008, 88, 986-994.	1.7	37
146	The Fas/Fas ligand apoptosis pathway underlies immunomodulatory properties of human biliary tree stem/progenitor cells. Journal of Hepatology, 2014, 61, 1097-1105.	1.8	37
147	Effect of glucagon on intracellular pH regulation in isolated rat hepatocyte couplets.. Journal of Clinical Investigation, 1995, 96, 665-675.	3.9	37
148	Taurocholate feeding prevents CCl₄-induced damage of large cholangiocytes through PI3-kinase-dependent mechanism. American Journal of Physiology - Renal Physiology, 2003, 284, G290-G301.	1.6	35
149	Activation of the IGF1 System Characterizes Cholangiocyte Survival During Progression of Primary Biliary Cirrhosis. Journal of Histochemistry and Cytochemistry, 2007, 55, 327-334.	1.3	35
150	Prolactin stimulates the proliferation of normal female cholangiocytes by differential regulation of Ca2+-dependent PKC isoforms. BMC Physiology, 2007, 7, 6.	3.6	35
151	Knockout of the neurokinin-1 receptor reduces cholangiocyte proliferation in bile duct-ligated mice. American Journal of Physiology - Renal Physiology, 2011, 301, G297-G305.	1.6	35
152	Organoids and Spheroids as Models for Studying Cholestatic Liver Injury and Cholangiocarcinoma. Hepatology, 2021, 74, 491-502.	3.6	35
153	Italian Clinical Practice Guidelines on Cholangiocarcinoma â€“ Part II: Treatment. Digestive and Liver Disease, 2020, 52, 1430-1442.	0.4	35
154	An oestrogen receptor Î²-selective agonist exerts anti-neoplastic effects in experimental intrahepatic cholangiocarcinoma. Digestive and Liver Disease, 2012, 44, 134-142.	0.4	34
155	Endothelin inhibits cholangiocarcinoma growth by a decrease in the vascular endothelial growth factor expression. Liver International, 2009, 29, 1031-1042.	1.9	33
156	TGF-Î² signaling is an effective target to impair survival and induce apoptosis of human cholangiocarcinoma cells: A study on human primary cell cultures. PLoS ONE, 2017, 12, e0183932.	1.1	33
157	Real-world experience with obeticholic acid in patients with primary biliary cholangitis. JHEP Reports, 2021, 3, 100248.	2.6	33
158	Effect of taurine administration on liver lipids in guinea pig. Experientia, 1986, 42, 407-408.	1.2	32
159	Hyaluronan coating improves liver engraftment of transplanted human biliary tree stem/progenitor cells. Stem Cell Research and Therapy, 2017, 8, 68.	2.4	32
160	Secretin/secretin receptor signaling mediates biliary damage and liver fibrosis in earlyâ€stage primary biliary cholangitis. FASEB Journal, 2019, 33, 10269-10279.	0.2	32
161	Cholangiocarcinoma: A position paper by the Italian Society of Gastroenterology (SIGE), the Italian Association of Hospital Gastroenterology (AIGO), the Italian Association of Medical Oncology (AIOM) and the Italian Association of Oncological Radiotherapy (AIRO). Digestive and Liver Disease, 2010, 42, 831-838.	0.4	31
162	The Secretin/Secretin Receptor Axis Modulates Ductular Reaction and Liver Fibrosis through Changes in Transforming Growth Factor-Î²1â€“Mediated Biliary Senescence. American Journal of Pathology, 2018, 188, 2264-2280.	1.9	31

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163	Matrisome analysis of intrahepatic cholangiocarcinoma unveils a peculiar cancer-associated extracellular matrix structure. Clinical Proteomics, 2019, 16, 37.	1.1	31
164	Epidemiology of primary biliary cholangitis in Italy: Evidence from a real-world database. Digestive and Liver Disease, 2019, 51, 724-729.	0.4	31
165	Recent advances on the mechanisms regulating cholangiocyte proliferation and the significance of the neuroendocrine regulation of cholangiocyte pathophysiology. Annals of Translational Medicine, 2013, 1, 27.	0.7	31
166	Molecular composition of biliary phosphatidylcholines, as related to cholesterol saturation, transport and nucleation in human gallbladder bile. Journal of Hepatology, 1992, 15, 59-66.	1.8	30
167	The Î±₂-adrenergic receptor agonist UK 14,304 inhibits secretin-stimulated ductal secretion by downregulation of the cAMP system in bile duct-ligated rats. American Journal of Physiology - Cell Physiology, 2007, 293, C1252-C1262.	2.1	30
168	Taurocholate Feeding to Bile Duct Ligated Rats Prevents Caffeic Acid-Induced Bile Duct Damage by Changes in Cholangiocyte VEGF Expression. Experimental Biology and Medicine, 2009, 234, 462-474.	1.1	30
169	Recent advances in the regulation of cholangiocyte proliferation and function during extrahepatic cholestasis. Digestive and Liver Disease, 2010, 42, 245-252.	0.4	30
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