

Guido Carpino

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

7,645
citations

76326

40
h-index

54911

84
g-index

107
all docs

107
docs citations

107
times ranked

8439
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholangiocarcinoma 2020: the next horizon in mechanisms and management. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 557-588.	17.8	1,155
2	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, 261-280.	17.8	964
3	Integrative Genomic Analysis of Cholangiocarcinoma Identifies Distinct IDH-Mutant Molecular Profiles. <i>Cell Reports</i> , 2017, 18, 2780-2794.	6.4	416
4	Multipotent stem/progenitor cells in human biliary tree give rise to hepatocytes, cholangiocytes, and pancreatic islets. <i>Hepatology</i> , 2011, 54, 2159-2172.	7.3	283
5	Increased Liver Localization of Lipopolysaccharides in Human and Experimental NAFLD. <i>Hepatology</i> , 2020, 72, 470-485.	7.3	203
6	Biliary tree stem/progenitor cells in glands of extrahepatic and intrahepatic bile ducts: an anatomical <i>in situ</i> study yielding evidence of maturational lineages. <i>Journal of Anatomy</i> , 2012, 220, 186-199.	1.5	194
7	Anatomical, histomorphological and molecular classification of cholangiocarcinoma. <i>Liver International</i> , 2019, 39, 7-18.	3.9	193
8	The biliary tree is a reservoir of multipotent stem cells. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2012, 9, 231-240.	17.8	187
9	Characterisation of the liver progenitor cell niche in liver diseases: potential involvement of Wnt and Notch signalling. <i>Gut</i> , 2010, 59, 247-257.	12.1	174
10	Multifaceted Roles of GSK-3 in Cancer and Autophagy-Related Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	4.0	163
11	Building consensus on definition and nomenclature of hepatic, pancreatic, and biliary organoids. <i>Cell Stem Cell</i> , 2021, 28, 816-832.	11.1	133
12	The Role of Tissue Macrophage-Mediated Inflammation on NAFLD Pathogenesis and Its Clinical Implications. <i>Mediators of Inflammation</i> , 2017, 2017, 1-15.	3.0	129
13	Hepatic progenitor cells activation, fibrosis, and adipokines production in pediatric nonalcoholic fatty liver disease. <i>Hepatology</i> , 2012, 56, 2142-2153.	7.3	123
14	The hepatic, biliary, and pancreatic network of stem/progenitor cell niches in humans: A new reference frame for disease and regeneration. <i>Hepatology</i> , 2016, 64, 277-286.	7.3	123
15	Cholangiocarcinoma landscape in Europe: Diagnostic, prognostic and therapeutic insights from the ENSCCA Registry. <i>Journal of Hepatology</i> , 2022, 76, 1109-1121.	3.7	119
16	Morphological and functional heterogeneity of the mouse intrahepatic biliary epithelium. <i>Laboratory Investigation</i> , 2009, 89, 456-469.	3.7	118
17	Role of Docosahexaenoic Acid Treatment in Improving Liver Histology in Pediatric Nonalcoholic Fatty Liver Disease. <i>PLoS ONE</i> , 2014, 9, e88005.	2.5	106
18	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.	8.1	103

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19	Biliary tree stem cells, precursors to pancreatic committed progenitors: Evidence for possible life-long pancreatic organogenesis. <i>Stem Cells</i> , 2013, 31, 1966-1979.	3.2	99
20	Activation of biliary tree stem cells within peribiliary glands in primary sclerosing cholangitis. <i>Journal of Hepatology</i> , 2015, 63, 1220-1228.	3.7	98
21	Multiple cells of origin in cholangiocarcinoma underlie biological, epidemiological and clinical heterogeneity. <i>World Journal of Gastrointestinal Oncology</i> , 2012, 4, 94.	2.0	95
22	Profiles of Cancer Stem Cell Subpopulations in Cholangiocarcinomas. <i>American Journal of Pathology</i> , 2015, 185, 1724-1739.	3.8	87
23	Model of fibrolamellar hepatocellular carcinomas reveals striking enrichment in cancer stem cells. <i>Nature Communications</i> , 2015, 6, 8070.	12.8	86
24	Docosahexanoic Acid Plus Vitamin D Treatment Improves Features of NAFLD in Children with Serum Vitamin D Deficiency: Results from a Single Centre Trial. <i>PLoS ONE</i> , 2016, 11, e0168216.	2.5	83
25	Concise review: Clinical programs of stem cell therapies for liver and pancreas. <i>Stem Cells</i> , 2013, 31, 2047-2060.	3.2	80
26	Knockout of secretin receptor reduces large cholangiocyte hyperplasia in mice with extrahepatic cholestasis induced by bile duct ligation. <i>Hepatology</i> , 2010, 52, 204-214.	7.3	79
27	Recent advances in the morphological and functional heterogeneity of the biliary epithelium. <i>Experimental Biology and Medicine</i> , 2013, 238, 549-565.	2.4	64
28	Evidence for multipotent endodermal stem/progenitor cell populations in human gallbladder. <i>Journal of Hepatology</i> , 2014, 60, 1194-1202.	3.7	62
29	Mucin-producing cholangiocarcinoma might derive from biliary tree stem/progenitor cells located in peribiliary glands. <i>Hepatology</i> , 2012, 55, 2041-2042.	7.3	60
30	Stem/Progenitor Cell Niches Involved in Hepatic and Biliary Regeneration. <i>Stem Cells International</i> , 2016, 2016, 1-12.	2.5	60
31	Hepatic Stem/Progenitor Cell Activation Differs between Primary Sclerosing and Primary Biliary Cholangitis. <i>American Journal of Pathology</i> , 2018, 188, 627-639.	3.8	59
32	Role of Hepatic Progenitor Cells in Nonalcoholic Fatty Liver Disease Development: Cellular Cross-Talks and Molecular Networks. <i>International Journal of Molecular Sciences</i> , 2013, 14, 20112-20130.	4.1	57
33	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-G643.	3.4	53
34	Macrophage Activation in Pediatric Nonalcoholic Fatty Liver Disease (NAFLD) Correlates with Hepatic Progenitor Cell Response via Wnt3a Pathway. <i>PLoS ONE</i> , 2016, 11, e0157246.	2.5	50
35	Transplantation of human fetal biliary tree stem/progenitor cells into two patients with advanced liver cirrhosis. <i>BMC Gastroenterology</i> , 2014, 14, 204.	2.0	49
36	Multipotent stem/progenitor cells in the human foetal biliary tree. <i>Journal of Hepatology</i> , 2012, 57, 987-994.	3.7	48

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37	Altered gut-liver axis and hepatic adiponectin expression in OSAS: novel mediators of liver injury in paediatric non-alcoholic fatty liver. <i>Thorax</i> , 2015, 70, 769-781.	5.6	47
38	PNPLA3 variant and portal/periportal histological pattern in patients with biopsy-proven non-alcoholic fatty liver disease: a possible role for oxidative stress. <i>Scientific Reports</i> , 2017, 7, 15756.	3.3	45
39	Neoplastic Transformation of the Peribiliary Stem Cell Niche in Cholangiocarcinoma Arisen in Primary Sclerosing Cholangitis. <i>Hepatology</i> , 2019, 69, 622-638.	7.3	45
40	Peribiliary Glands Are Key in Regeneration of the Human Biliary Epithelium After Severe Bile Duct Injury. <i>Hepatology</i> , 2019, 69, 1719-1734.	7.3	44
41	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, 474-486.	1.5	42
42	Modulation of the biliary expression of arylalkylamine N-acetyltransferase alters the autocrine proliferative responses of cholangiocytes in rats. <i>Hepatology</i> , 2013, 57, 1130-1141.	7.3	41
43	Peribiliary Gland Niche Participates in Biliary Tree Regeneration in Mouse and in Human Primary Sclerosing Cholangitis. <i>Hepatology</i> , 2020, 71, 972-989.	7.3	40
44	Italian Clinical Practice Guidelines on Cholangiocarcinoma – Part I: Classification, diagnosis and staging. <i>Digestive and Liver Disease</i> , 2020, 52, 1282-1293.	0.9	40
45	Thrombospondin 1 and 2 along with PEDF inhibit angiogenesis and promote lymphangiogenesis in intrahepatic cholangiocarcinoma. <i>Journal of Hepatology</i> , 2021, 75, 1377-1386.	3.7	40
46	Cholangiocarcinoma: increasing burden of classifications. <i>Hepatobiliary Surgery and Nutrition</i> , 2013, 2, 272-80.	1.5	39
47	Contribution of Resident Stem Cells to Liver and Biliary Tree Regeneration in Human Diseases. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2917.	4.1	38
48	Hepatocyte Injury and Hepatic Stem Cell Niche in the Progression of Non-Alcoholic Steatohepatitis. <i>Cells</i> , 2020, 9, 590.	4.1	38
49	The Fas/Fas ligand apoptosis pathway underlies immunomodulatory properties of human biliary tree stem/progenitor cells. <i>Journal of Hepatology</i> , 2014, 61, 1097-1105.	3.7	37
50	Activation of the IGF1 System Characterizes Cholangiocyte Survival During Progression of Primary Biliary Cirrhosis. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 327-334.	2.5	35
51	Italian Clinical Practice Guidelines on Cholangiocarcinoma – Part II: Treatment. <i>Digestive and Liver Disease</i> , 2020, 52, 1430-1442.	0.9	35
52	An oestrogen receptor β -selective agonist exerts anti-neoplastic effects in experimental intrahepatic cholangiocarcinoma. <i>Digestive and Liver Disease</i> , 2012, 44, 134-142.	0.9	34
53	Hyaluronan coating improves liver engraftment of transplanted human biliary tree stem/progenitor cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 68.	5.5	32
54	Matrisome analysis of intrahepatic cholangiocarcinoma unveils a peculiar cancer-associated extracellular matrix structure. <i>Clinical Proteomics</i> , 2019, 16, 37.	2.1	31

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55	Recent advances on the mechanisms regulating cholangiocyte proliferation and the significance of the neuroendocrine regulation of cholangiocyte pathophysiology. <i>Annals of Translational Medicine</i> , 2013, 1, 27.	1.7	31
56	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, 462-474.	2.4	30
57	Simulated microgravity promotes the formation of tridimensional cultures and stimulates pluripotency and a glycolytic metabolism in human hepatic and biliary tree stem/progenitor cells. <i>Scientific Reports</i> , 2019, 9, 5559.	3.3	30
58	Modulation of Biliary Cancer Chemo-Resistance Through MicroRNA-Mediated Rewiring of the Expansion of CD133+ Cells. <i>Hepatology</i> , 2020, 72, 982-996.	7.3	30
59	DCLK1, a Putative Stem Cell Marker in Human Cholangiocarcinoma. <i>Hepatology</i> , 2021, 73, 144-159.	7.3	29
60	Laparoscopic Sleeve Gastrectomy Improves Nonalcoholic Fatty Liver Disease-Related Liver Damage in Adolescents by Reshaping Cellular Interactions and Hepatic Adipocytokine Production. <i>Journal of Pediatrics</i> , 2018, 194, 100-108.e3.	1.8	28
61	Accuracy of Transient Elastography in Assessing Fibrosis at Diagnosis in Naïve Patients With Primary Biliary Cholangitis: A Dual Cut-Off Approach. <i>Hepatology</i> , 2021, 74, 1496-1508.	7.3	28
62	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.	2.5	27
63	Activation of Fas/FasL pathway and the role of c-FLIP in primary culture of human cholangiocarcinoma cells. <i>Scientific Reports</i> , 2017, 7, 14419.	3.3	27
64	Peribiliary Glands as a Niche of Extrapancreatic Precursors Yielding Insulin-Producing Cells in Experimental and Human Diabetes. <i>Stem Cells</i> , 2016, 34, 1332-1342.	3.2	22
65	Cryopreservation protocol for human biliary tree stem/progenitors, hepatic and pancreatic precursors. <i>Scientific Reports</i> , 2017, 7, 6080.	3.3	22
66	Role of lactoferrin and its receptors on biliary epithelium. <i>BioMetals</i> , 2018, 31, 369-379.	4.1	21
67	Common features between neoplastic and preneoplastic lesions of the biliary tract and the pancreas. <i>World Journal of Gastroenterology</i> , 2019, 25, 4343-4359.	3.3	20
68	Vasopressin regulates the growth of the biliary epithelium in polycystic liver disease. <i>Laboratory Investigation</i> , 2016, 96, 1147-1155.	3.7	19
69	Persistent biliary hypoxia and lack of regeneration are key mechanisms in the pathogenesis of posttransplant nonanastomotic strictures. <i>Hepatology</i> , 2022, 75, 814-830.	7.3	17
70	Metformin exerts anti-cancerogenic effects and reverses epithelial-to-mesenchymal transition trait in primary human intrahepatic cholangiocarcinoma cells. <i>Scientific Reports</i> , 2021, 11, 2557.	3.3	16
71	Taurocholic acid prevents biliary damage induced by hepatic artery ligation in cholestatic rats. <i>Digestive and Liver Disease</i> , 2010, 42, 709-717.	0.9	15
72	Primary biliary cholangitis management: controversies, perspectives and daily practice implications from an expert panel. <i>Liver International</i> , 2020, 40, 2590-2601.	3.9	15

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73	Patch grafting, strategies for transplantation of organoids into solid organs such as liver. <i>Biomaterials</i> , 2021, 277, 121067.	11.4	15
74	Role of follicle-stimulating hormone on biliary cyst growth in autosomal dominant polycystic kidney disease. <i>Liver International</i> , 2013, 33, 914-925.	3.9	14
75	The Contribution of the Adipose Tissue-Liver Axis in Pediatric Patients with Nonalcoholic Fatty Liver Disease after Laparoscopic Sleeve Gastrectomy. <i>Journal of Pediatrics</i> , 2020, 216, 117-127.e2.	1.8	14
76	Adult Human Biliary Tree Stem Cells Differentiate to β -Pancreatic Islet Cells by Treatment with a Recombinant Human Pdx1 Peptide. <i>PLoS ONE</i> , 2015, 10, e0134677.	2.5	13
77	The Italian law on body donation: A position paper of the Italian College of Anatomists. <i>Annals of Anatomy</i> , 2021, 238, 151761.	1.9	13
78	Distinct EpCAM-Positive Stem Cell Niches Are Engaged in Chronic and Neoplastic Liver Diseases. <i>Frontiers in Medicine</i> , 2020, 7, 479.	2.6	11
79	The fetal liver as cell source for the regenerative medicine of liver and pancreas. <i>Annals of Translational Medicine</i> , 2013, 1, 13.	1.7	11
80	Clinical relevance of biomarkers in cholangiocarcinoma: critical revision and future directions. <i>Gut</i> , 2022, , gutjnl-2022-327099.	12.1	11
81	The fascial structures of the rectum and the so-called mesorectum: an anatomical or a terminological controversy?. <i>Surgical and Radiologic Anatomy</i> , 2010, 32, 189-190.	1.2	10
82	Peribiliary gland damage due to liver transplantation involves peribiliary vascular plexus and vascular endothelial growth factor. <i>European Journal of Histochemistry</i> , 2019, 63, .	1.5	9
83	Molecular Landscape and Therapeutic Strategies in Cholangiocarcinoma: An Integrated Translational Approach towards Precision Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5613.	4.1	9
84	Melatonin receptor 1A, but not 1B, knockout decreases biliary damage and liver fibrosis during cholestatic liver injury. <i>Hepatology</i> , 2022, 75, 797-813.	7.3	9
85	Cholangiocytes: Cell transplantation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1516-1523.	3.8	7
86	Overexpression of the Vitronectin V10 Subunit in Patients with Nonalcoholic Steatohepatitis: Implications for Noninvasive Diagnosis of NASH. <i>International Journal of Molecular Sciences</i> , 2018, 19, 603.	4.1	7
87	Ischemia reperfusion of the hepatic artery induces the functional damage of large bile ducts by changes in the expression of angiogenic factors. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G865-G873.	3.4	6
88	Cholangiocarcinoma: State-of-the-art knowledge and challenges. <i>Liver International</i> , 2019, 39, 5-6.	3.9	6
89	The Effects of Taurocholic Acid on Biliary Damage and Liver Fibrosis Are Mediated by Calcitonin-Gene-Related Peptide Signaling. <i>Cells</i> , 2022, 11, 1591.	4.1	6
90	Mast cells selectively target large cholangiocytes during biliary injury via H2HR-mediated cAMP/pERK1/2 signaling. <i>Hepatology Communications</i> , 2022, 6, 2715-2731.	4.3	6

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91	Cholangiocarcinomas: New Insights from the Discovery of Stem Cell Niches in Peribiliary Glands of the Biliary Tree. <i>Advances in Hepatology</i> , 2014, 2014, 1-10.	1.3	5
92	The Propensity of the Human Liver to Form Large Lipid Droplets Is Associated with PNPLA3 Polymorphism, Reduced INSIG1 and NPC1L1 Expression and Increased Fibrogenetic Capacity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6100.	4.1	5
93	Human biliary tree stem/progenitor cells immunomodulation: Role of hepatocyte growth factor. <i>Hepatology Research</i> , 2017, 47, 465-479.	3.4	4
94	Islet Regeneration and Pancreatic Duct Glands in Human and Experimental Diabetes. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 814165.	3.7	4
95	Current protocols and clinical efficacy of human fetal liver cell therapy in patients with liver disease: A literature review. <i>Cytotherapy</i> , 2022, , .	0.7	3
96	Cell sources for regenerative medicine of the liver and endoderm organs: strategies and perspectives. <i>Stem Cell Investigation</i> , 2016, 3, 91-91.	3.0	2
97	Multilevel heterogeneity of biliary tract cancers may affect the modelling of prognosis. <i>Liver International</i> , 2017, 37, 1773-1775.	3.9	2
98	Vav1 Sustains the In Vitro Differentiation of Normal and Tumor Precursors to Insulin Producing Cells Induced by all-Trans Retinoic Acid (ATRA). <i>Stem Cell Reviews and Reports</i> , 2021, 17, 673-684.	3.8	2
99	Stem Cell Populations Giving Rise to Liver, Biliary Tree, and Pancreas. , 2013, , 283-310.		2
100	FGF1 Signaling Modulates Biliary Injury and Liver Fibrosis in the Mdr2 ^{+/+} /â Mouse Model of Primary Sclerosing Cholangitis. <i>Hepatology Communications</i> , 2022, 6, 1574-1588.	4.3	2
101	Hepatic Progenitor Cells and Biliary Tree Stem Cells. , 2020, , 29-35.		1
102	Pancreas progenitors. , 2020, , 347-357.		0
103	Letter to the editor: Serum thrombospondinâ¬ as biomarker in liver diseases, a look beyond NASH. <i>Hepatology</i> , 2022, 75, 1056-1057.	7.3	0
104	Therapeutic effects of dexamethasone-loaded hyaluronan nanogels in the experimental cholestasis. <i>Drug Delivery and Translational Research</i> , 2022, , 1.	5.8	0