

# Matteo Cimino

## List of Publications by Year in descending order

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87  
papers

2,335  
citations

172207

29  
h-index

233125

45  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2597  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human liver-resident CD56bright/CD16neg NK cells are retained within hepatic sinusoids via the engagement of CCR5 and CXCR6 pathways. <i>Journal of Autoimmunity</i> , 2016, 66, 40-50.	3.0	220
2	Is Tumor Detachment from Vascular Structures Equivalent to R0 Resection in Surgery for Colorectal Liver Metastases? An Observational Cohort. <i>Annals of Surgical Oncology</i> , 2016, 23, 1352-1360.	0.7	176
3	Development of a nomogram to predict outcome after liver resection for hepatocellular carcinoma in Child-Pugh B cirrhosis. <i>Journal of Hepatology</i> , 2020, 72, 75-84.	1.8	105
4	Anatomical Segmental and Subsegmental Resection of the Liver for Hepatocellular Carcinoma. <i>Annals of Surgery</i> , 2010, 251, 229-235.	2.1	89
5	The role of natural killer cells in autoimmune liver disease: A comprehensive review. <i>Journal of Autoimmunity</i> , 2013, 46, 55-65.	3.0	78
6	Twelve-year experience of radical but conservative liver surgery for colorectal metastases: impact on surgical practice and oncologic efficacy. <i>Hpb</i> , 2017, 19, 775-784.	0.1	70
7	Increased Infiltration of Natural Killer and T Cells in Colorectal Liver Metastases Improves Patient Overall Survival. <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 1226-1236.	0.9	69
8	The Comprehensive Complication Index (CCI <sup>®</sup> ) is a Novel Cost Assessment Tool for Surgical Procedures. <i>Annals of Surgery</i> , 2018, 268, 784-791.	2.1	65
9	Two-Stage Hepatectomy Versus 1-Stage Resection Combined With Radiofrequency for Bilobar Colorectal Metastases. <i>Annals of Surgery</i> , 2014, 260, 822-828.	2.1	62
10	Intraoperative ultrasonographic detection of communicating veins between adjacent hepatic veins during hepatectomy for tumours at the hepatocaval confluence. <i>British Journal of Surgery</i> , 2010, 97, 1867-1873.	0.1	61
11	A New Systematic Small for Size Resection for Liver Tumors Invading the Middle Hepatic Vein at its Caval Confluence. <i>Annals of Surgery</i> , 2010, 251, 33-39.	2.1	56
12	Safety of Intermittent Pringle Maneuver Cumulative Time Exceeding 120 Minutes in Liver Resection. <i>Annals of Surgery</i> , 2012, 255, 270-280.	2.1	51
13	Drop-out between the two liver resections of two-stage hepatectomy. Patient selection or loss of chance?. <i>European Journal of Surgical Oncology</i> , 2016, 42, 1385-1393.	0.5	51
14	Diagnosis and Management of Bile Leaks After Hepatectomy: Results of a Prospective Analysis of 475 Hepatectomies. <i>World Journal of Surgery</i> , 2016, 40, 172-181.	0.8	49
15	R1 Resection for Colorectal Liver Metastases: a Survey Questioning Surgeons about Its Incidence, Clinical Impact, and Management. <i>Journal of Gastrointestinal Surgery</i> , 2018, 22, 1752-1763.	0.9	49
16	Is Enhanced One-Stage Hepatectomy a Safe and Feasible Alternative to the Two-Stage Hepatectomy in the Setting of Multiple Bilobar Colorectal Liver Metastases? A Comparative Analysis between Two Pioneering Centers. <i>Digestive Surgery</i> , 2018, 35, 323-332.	0.6	46
17	Hepatic vein management in a parenchyma-sparing policy for resecting colorectal liver metastases at the caval confluence. <i>Surgery</i> , 2018, 163, 277-284.	1.0	44
18	Safe Hepatectomy Selection Criteria for Hepatocellular Carcinoma Patients: A Validation of 336 Consecutive Hepatectomies. The BILCHE Score. <i>World Journal of Surgery</i> , 2015, 39, 237-243.	0.8	40

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19	Is R1 vascular hepatectomy for hepatocellular carcinoma oncologically adequate? Analysis of 327 consecutive patients. <i>Surgery</i> , 2019, 165, 897-904.	1.0	40
20	Upper Transversal Hepatectomy. <i>Annals of Surgical Oncology</i> , 2012, 19, 3566-3566.	0.7	39
21	Percutaneous Transhepatic Biliary Drainage and Occlusion Balloon in the Management of Duodenal Stump Fistula. <i>Journal of Gastrointestinal Surgery</i> , 2011, 15, 1977-1981.	0.9	38
22	Outcomes of enhanced one-stage ultrasound-guided hepatectomy for bilobar colorectal liver metastases compared to those of ALPPS: a multicenter case-match analysis. <i>Hpb</i> , 2019, 21, 1411-1418.	0.1	37
23	Pharmacological Modulation of Ischemic Reperfusion Injury during Pringle Maneuver in Hepatic Surgery. A Prospective Randomized Pilot Study. <i>World Journal of Surgery</i> , 2016, 40, 2202-2212.	0.8	35
24	Progression of Colorectal Liver Metastases from the End of Chemotherapy to Resection: A New Contraindication to Surgery?. <i>Annals of Surgical Oncology</i> , 2018, 25, 1676-1685.	0.7	35
25	Parenchymal-Sparing Surgery for the Surgical Treatment of Multiple Colorectal Liver Metastases Is a Safer Approach than Major Hepatectomy Not Impairing Patients' Prognosis: A Bi-Institutional Propensity Score-Matched Analysis. <i>Digestive Surgery</i> , 2018, 35, 342-349.	0.6	35
26	Chemotherapy accelerates immune-senescence and functional impairments of $\gamma\delta$ T cells in elderly patients affected by liver metastatic colorectal cancer. , 2019, 7, 347.		34
27	The Italian Consensus on minimally invasive simultaneous resections for synchronous liver metastasis and primary colorectal cancer: A Delphi methodology. <i>Updates in Surgery</i> , 2021, 73, 1247-1265.	0.9	33
28	Tumor-Infiltrating Lymphocytes and Macrophages in Intrahepatic Cholangiocellular Carcinoma. Impact on Prognosis after Complete Surgery. <i>Journal of Gastrointestinal Surgery</i> , 2019, 23, 2216-2224.	0.9	32
29	Extending the Limits of Resection for Colorectal Liver Metastases ENHANCED ONE STAGE SURGERY. <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 187-189.	0.9	31
30	NKG2A expression identifies a subset of human $\gamma\delta$ T cells exerting the highest antitumor effector functions. <i>Cell Reports</i> , 2021, 37, 109871.	2.9	30
31	A Novel Nomogram to Predict the Prognosis of Patients Undergoing Liver Resection for Neuroendocrine Liver Metastasis: an Analysis of the Italian Neuroendocrine Liver Metastasis Database. <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 41-48.	0.9	29
32	Atypical Lipomatous Tumors: Should They be Treated Like Other Sarcoma or Not? Surgical Consideration from a Bi-Institutional Experience. <i>Annals of Surgical Oncology</i> , 2014, 21, 4090-4097.	0.7	27
33	Rapid automated diagnosis of primary hepatic tumour by mass spectrometry and artificial intelligence. <i>Liver International</i> , 2020, 40, 3117-3124.	1.9	27
34	The Liver Tunnel. <i>Annals of Surgery</i> , 2019, 269, 331-336.	2.1	26
35	Criteria for the selective use of contrast-enhanced intra-operative ultrasound during surgery for colorectal liver metastases. <i>Hpb</i> , 2014, 16, 994-1001.	0.1	24
36	Conservative Hepatectomy for Tumors Involving the Middle Hepatic Vein and Segment 1: The Liver Tunnel. <i>Annals of Surgical Oncology</i> , 2014, 21, 2699-2699.	0.7	23

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37	Individualized risk estimation for postoperative morbidity after hepatectomy: the Humanitas score. <i>Hpb</i> , 2017, 19, 910-918.	0.1	22
38	Oncologic superiority of anatomic resection of hepatocellular carcinoma by ultrasound-guided compression of the portal tributaries compared with nonanatomic resection: An analysis of patients matched for tumor characteristics and liver function. <i>Surgery</i> , 2018, 164, 1006-1013.	1.0	22
39	New Technique for Defining the Right Anterior Section Intraoperatively Using Ultrasound-Guided Finger Counter-Compression. <i>Journal of the American College of Surgeons</i> , 2009, 209, e8-e11.	0.2	20
40	Liver Resection for Neuroendocrine Tumor Liver Metastases Within Milan Criteria for Liver Transplantation. <i>Journal of Gastrointestinal Surgery</i> , 2019, 23, 93-100.	0.9	20
41	Does KRAS mutation status impact the risk of local recurrence after R1 vascular resection for colorectal liver metastasis? An observational cohort study. <i>European Journal of Surgical Oncology</i> , 2020, 46, 818-824.	0.5	20
42	Parenchyma-Sparing Liver Surgery for Large Segment 1 Tumors: Ultrasound-Guided Lateral and Superior Approaches as Safe Alternatives to Major Hepatectomy. <i>Journal of the American College of Surgeons</i> , 2015, 221, e65-e73.	0.2	18
43	Multicentre evaluation of case volume in minimally invasive hepatectomy. <i>British Journal of Surgery</i> , 2020, 107, 443-451.	0.1	18
44	Potential role of cholinesterases to predict short-term outcome after hepatic resection for hepatocellular carcinoma. <i>Updates in Surgery</i> , 2013, 65, 11-18.	0.9	16
45	Oncological outcome of R1 vascular margin for mass-forming cholangiocarcinoma. A single center observational cohort analysis. <i>Hpb</i> , 2020, 22, 570-577.	0.1	16
46	Radical but Conservative Liver Resection for Large Centrally Located Hepatocellular Carcinoma: The Mini Upper-Transversal Hepatectomy. <i>Annals of Surgical Oncology</i> , 2014, 21, 1852-1852.	0.7	15
47	Are Tumor Exposure and Anatomical Resection Antithetical during Surgery for Hepatocellular Carcinoma? A Critical Review. <i>Liver Cancer</i> , 2012, 1, 177-182.	4.2	14
48	Prediction of remnant liver volume using 3D simulation software in patients undergoing R1vasc parenchyma-sparing hepatectomy for multiple bilobar colorectal liver metastases: reliability, clinical impact, and learning curve. <i>Hpb</i> , 2021, 23, 1084-1094.	0.1	14
49	Very Early Recurrence After Liver Resection for Colorectal Metastases: Incidence, Risk Factors, and Prognostic Impact. <i>Journal of Gastrointestinal Surgery</i> , 2022, 26, 570-582.	0.9	13
50	Systematic Subsegmentectomy by Ultrasound-Guided Finger Compression for Hepatocellular Carcinoma in Cirrhosis. <i>Annals of Surgical Oncology</i> , 2009, 16, 1843-1843.	0.7	11
51	Impact of RAS mutations on the immune infiltrate of colorectal liver metastases: A preliminary study. <i>Journal of Leukocyte Biology</i> , 2020, 108, 715-721.	1.5	11
52	Hepatic Vein-Sparing Hepatectomy for Multiple Colorectal Liver Metastases at the Caval Confluence. <i>Annals of Surgical Oncology</i> , 2015, 22, 1576-1576.	0.7	10
53	Inpatient Care during the COVID-19 Pandemic: A Survey of Italian Physicians. <i>Respiration</i> , 2020, 99, 667-677.	1.2	10
54	Minimesohepatectomy for Colorectal Liver Metastasis Invading the Middle Hepatic Vein at the Hepatocaval Confluence. <i>Annals of Surgical Oncology</i> , 2010, 17, 483-483.	0.7	9

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55	Ultrasound-guided anatomical liver resection using a compression technique combined with indocyanine green fluorescence imaging. <i>Hpb</i> , 2021, 23, 206-211.	0.1	9
56	Surgical treatment of synchronous colorectal liver and lung metastases: the usefulness of thoracophrenolaparotomy for single stage resection. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2016, 15, 216-219.	0.6	8
57	Measurement of Total Liver Volume Using the Energy Expenditure: A New Formula. <i>World Journal of Surgery</i> , 2018, 42, 3350-3356.	0.8	8
58	Peri-tumoural CD3+ Inflammation and Neutrophil-to-Lymphocyte Ratio Predict Overall Survival in Patients Affected by Colorectal Liver Metastases Treated with Surgery. <i>Journal of Gastrointestinal Surgery</i> , 2020, 24, 1061-1070.	0.9	8
59	Prospective Evaluation of Intrahepatic Microscopic Occult Tumor Foci in Patients with Numerous Colorectal Liver Metastases. <i>Digestive Surgery</i> , 2019, 36, 340-347.	0.6	7
60	Dissecting the multinodular hepatocellular carcinoma subset: is there a survival benefit after hepatectomy?. <i>Updates in Surgery</i> , 2019, 71, 57-66.	0.9	7
61	Assessment of the American College of Surgeons surgical risk calculator of outcomes after hepatectomy for liver tumors: Results from a cohort of 950 patients. <i>International Journal of Surgery</i> , 2020, 84, 102-108.	1.1	7
62	Anatomical Resection of Segment 8 by Means of Ultrasound-Guided Vessel Compression. <i>Annals of Surgical Oncology</i> , 2013, 20, 474-474.	0.7	5
63	Improving the Safety of ALPPS Procedure. <i>Annals of Surgery</i> , 2017, 266, e101-e102.	2.1	5
64	Diffusion-weighted imaging and loco-regional N staging of patients with colorectal liver metastases. <i>European Journal of Surgical Oncology</i> , 2019, 45, 347-352.	0.5	5
65	Indocyanine Green Compression Technique for Anatomical S8 Dorsal Subsegmentectomy for Hepatocellular Carcinoma. <i>Annals of Surgical Oncology</i> , 2020, 27, 5197-5197.	0.7	5
66	Leiomyosarcoma arising from the inferior mesenteric vein draining in the splenomesenteric angle with a tumour thrombus at the splenomesenteric confluence: a case report and review of the literature. <i>Updates in Surgery</i> , 2013, 65, 313-316.	0.9	4
67	Hepatobiliary surgeons meet immunologists: the case of colorectal liver metastases patients. <i>Hepatobiliary Surgery and Nutrition</i> , 2019, 8, 370-377.	0.7	4
68	Laparoscopic application of the hooking technique for ultrasound-guided minimally invasive liver surgery. <i>Updates in Surgery</i> , 2022, 74, 373-377.	0.9	4
69	Effect of chemotherapy on tumour-vessel relationship in colorectal liver metastases. <i>British Journal of Surgery</i> , 2022, 109, 401-404.	0.1	4
70	Hepatectomy with or without the thoraco-abdominal approach: impact on perioperative outcome. <i>Hpb</i> , 2018, 20, 752-758.	0.1	3
71	Versatile Mass Spectrometry-Based Intraoperative Diagnosis of Liver Tumor in a Multiethnic Cohort. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4244.	1.3	3
72	Stent-free duct-to-duct biliary reconstruction after hepatectomy for liver tumors involving biliary confluence at the hepatic hilum: a monocentric experience. <i>Updates in Surgery</i> , 2021, 73, 2017-2022.	0.9	2

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73	Comment on "Anatomical Resections Improve Disease-free Survival in Patients With KRAS-mutated Colorectal Liver Metastases." Annals of Surgery, 2019, 269, e47-e49.	2.1	1
74	Evaluation of Interaction Between NK Cells and Colorectal Carcinoma Cells for Development of NK Cell-Based Immunotherapy in Patients with Refractory Disease. Blood, 2014, 124, 5810-5810.	0.6	1
75	Multiple Minor Hepatectomies vs Major or Extended Hepatectomies for Colorectal Liver Metastases: A Propensity Score-Matched Dual-Institution Analysis. Journal of the American College of Surgeons, 2015, 221, S92-S93.	0.2	0
76	Methylprednisolone or N-Acetylcysteine in Hepatic Resections: Results from a Pilot, Double-Blind, Randomized Clinical Trial. Journal of the American College of Surgeons, 2015, 221, S92.	0.2	0
77	220 Intratumoral CD3+ and Nkp46+ Cells Protect Against Tumor Progression in Resected Colorectal Liver Metastases Treated With Neoadjuvant Chemotherapy. Gastroenterology, 2016, 150, S1174-S1175.	0.6	0
78	Sal1615 Preoperative Identification of Communicating Vessels Among Hepatic Veins in Patients Undergoing Liver Surgery for Tumors at the Caval Confluence. Gastroenterology, 2016, 150, S1076.	0.6	0
79	Ultrasound Guided Liver Resection Approach for Multiple Bilobar Colorectal Liver Metastasis with Complex Presentation: Technical Aspects and Flow Chart. Gastroenterology, 2017, 152, S1276-S1277.	0.6	0
80	Is R1 Vascular Hepatectomy for Hepatocellular Carcinoma Oncologically Adequate? Analysis of 327 Consecutive Patients. Journal of the American College of Surgeons, 2018, 227, e37.	0.2	0
81	Trends and Future Prospects in the Use of Ultrasound in Liver Surgery. , 2014, , 267-275.		0
82	Effect of intratumoral CD3+ and NKp46+ cells on tumor progression in resected colorectal liver metastases treated with neoadjuvant chemotherapy.. Journal of Clinical Oncology, 2016, 34, 281-281.	0.8	0
83	Search for Theragnostic Biomarkers in Colorectal Liver Metastases: Focus on the Host Immune Cells. Surgery, Gastroenterology and Oncology, 2017, 22, 283.	0.0	0
84	The behavior of colorectal liver metastases in the time frame between the end of preoperative chemotherapy and liver resection: A new selection criterion for technically resectable patients.. Journal of Clinical Oncology, 2017, 35, 665-665.	0.8	0
85	Predictive role of peritumoral CD3+ infiltration and neutrophil to lymphocyte ratio on overall survival in pateints affected by colorectal liver metastases treated with chemotherapy and surgery.. Journal of Clinical Oncology, 2018, 36, 27-27.	0.8	0
86	Multimodal Management of Metastatic Disease. Updates in Surgery Series, 2019, , 155-164.	0.0	0
87	Upfront surgery or neoadjuvant chemotherapy for colorectal liver metastases? A machine-learning decision-tree to identify the best potential policy. International Journal of Surgery, 2022, 100, 106361.	1.1	0