Richard A Burkhart

List of Publications by Year
in descending order

85 papers	3,066 citations	218592 26 h-index	182361 51 g-index
86 all docs	86 docs citations	86 times ranked	4580 citing authors

#	Article	IF	Citations
1	Anatomic Criteria Determine Resectability in Locally Advanced Pancreatic Cancer. Annals of Surgical Oncology, 2022, 29, 401-414.	0.7	11
2	The Impact of Clinical and Pathological Features on Intraductal Papillary Mucinous Neoplasm Recurrence After Surgical Resection. Annals of Surgery, 2022, 275, 1165-1174.	2.1	15
3	Implications of Perineural Invasion on Disease Recurrence and Survival After Pancreatectomy for Pancreatic Head Ductal Adenocarcinoma. Annals of Surgery, 2022, 276, 378-385.	2.1	50
4	Solving for Chemotherapeutic Sensitivity: Adapting â€œBlack Boxâ€•Methods to Study Patient-Derived Tumor Organoids. Annals of Surgical Oncology, 2022, 29, 4-6.	0.7	1
5	Pathological treatment response has different prognostic implications for pancreatic cancer patients treated with neoadjuvant chemotherapy or chemoradiotherapy. Surgery, 2022, 171, 1379-1387.	1.0	7
6	Accurate Nodal Staging in Pancreatic Cancer in the Era of Neoadjuvant Therapy. World Journal of Surgery, 2022, 46, 667-677.	0.8	5
7	Incidence and Contemporary Management of Delayed Bleeding Following Pancreaticoduodenectomy. World Journal of Surgery, 2022, 46, 1161-1171.	0.8	6
8	Neoadjuvant and adjuvant antitumor vaccination alone or combination with PD1 blockade and CD137 agonism in patients with resectable pancreatic adenocarcinoma.. Journal of Clinical Oncology, 2022, 40, 558-558.	0.8	7
9	Neoadjuvant Stereotactic Body Radiotherapy After Upfront Chemotherapy Improves Pathologic Outcomes Compared With Chemotherapy Alone for Patients With Borderline Resectable or Locally Advanced Pancreatic Adenocarcinoma Without Increasing Perioperative Toxicity. Annals of Surgical Oncology, 2022, 29, 2456-2468.	0.7	12
10	Nontumor related risk score: A new tool to improve prediction of prognosis after hepatectomy for colorectal liver metastases. Surgery, 2022, 171, 1580-1587.	1.0	2
11	Using Artificial Intelligence to Find the Optimal Margin Width in Hepatectomy for Colorectal Cancer Liver Metastases. JAMA Surgery, 2022, 157, e221819.	2.2	16
12	RAD51B Harbors Germline Mutations Associated With Pancreatic Ductal Adenocarcinoma. JCO Precision Oncology, 2022, , .	1.5	1
13	Trial in progress: A randomized phase II study of pembrolizumab with or without defactinib, a focal adhesion kinase inhibitor, following chemotherapy as a neoadjuvant and adjuvant treatment for resectable pancreatic ductal adenocarcinoma (PDAC).. Journal of Clinical Oncology, 2022, 40, TPS4192-TPS4192.	0.8	1
14	Perioperative Outcomes of Robotic Pancreaticoduodenectomy: a Propensity-Matched Analysis to Open and Laparoscopic Pancreaticoduodenectomy. Journal of Gastrointestinal Surgery, 2021, 25, 1795-1804.	0.9	43
15	Role of Lymph Node Resection and Histopathological Evaluation in Accurate Staging of Nonfunctional Pancreatic Neuroendocrine Tumors: How Many Are Enough?. Journal of Gastrointestinal Surgery, 2021, 25, 428-435.	0.9	8
16	Duodenal, ampullary, and pancreatic neuroendocrine tumors: Oncologic outcomes are driven by tumor biology and tissue of origin. Journal of Surgical Oncology, 2021, 123, 416-424.	0.8	12
17	Periadventitial dissection of the superior mesenteric artery for locally advanced pancreatic cancer: Surgical planning with the â€œhalo signâ€•and â€œstring signâ€• Surgery, 2021, 169, 1026-1031.	1.0	37
18	Defining a minimum number of examined lymph nodes improves the prognostic value of lymphadenectomy in pancreas ductal adenocarcinoma. Hpb, 2021, 23, 575-586.	0.1	10

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19	An Aggressive Approach to Locally Confined Pancreatic Cancer: Defining Surgical and Oncologic Outcomes Unique to Pancreatectomy with Celiac Axis Resection (DP-CAR). Annals of Surgical Oncology, 2021, 28, 3125-3134.	0.7	28
20	Impact of Margin Status on Survival in Patients with Pancreatic Ductal Adenocarcinoma Receiving Neoadjuvant Chemotherapy. Journal of the American College of Surgeons, 2021, 232, 405-413.	0.2	39
21	Challenges of the current precision medicine approach for pancreatic cancer: A single institution experience between 2013 and 2017. Cancer Letters, 2021, 497, 221-228.	3.2	10
22	The Prognostic Impact of Primary Tumor Site Differs According to the KRAS Mutational Status. Annals of Surgery, 2021, 273, 1165-1172.	2.1	33
23	Clinical and molecular features of adenosquamous pancreatic cancer (ASQ): A distinct histological subtype.. Journal of Clinical Oncology, 2021, 39, 426-426.	0.8	0
24	Long-term outcomes with neoadjuvant chemotherapy with or without stereotactic body radiation therapy in patients with borderline resectable and locally advanced pancreatic adenocarcinoma.. Journal of Clinical Oncology, 2021, 39, 443-443.	0.8	1
25	Minimal main pancreatic duct dilatation in small branch duct intraductal papillary mucinous neoplasms associated with high-grade dysplasia or invasive carcinoma. Hpb, 2021, 23, 468-474.	0.1	6
26	Postoperative biliary anastomotic strictures after pancreaticoduodenectomy. Hpb, 2021, 23, 1716-1721.	0.1	8
27	A phase 2 study of cyclophosphamide (CY), GVAX, pembrolizumab (Pembro), and stereotactic body radiation (SBRT) in patients (pts) with locally advanced pancreas cancer (LAPC).. Journal of Clinical Oncology, 2021, 39, 4134-4134.	0.8	5
28	Protein synthesis inhibitor omacetaxine is effective against hepatocellular carcinoma. JCI Insight, 2021, 6, .	2.3	10
29	Abstract 2372: Mechanisms of microRNA-21 dysregulation in pancreatic ductal adenocarcinoma (PDAC). , 2021, , .		0
30	Ovarian Metastasis from Pancreatic Ductal Adenocarcinoma. World Journal of Surgery, 2021, 45, 3157-3164.	0.8	1
31	Neoadjuvant cabozantinib and nivolumab convert locally advanced hepatocellular carcinoma into resectable disease with enhanced antitumor immunity. Nature Cancer, 2021, 2, 891-903.	5.7	147
32	Reliable Detection of Somatic Mutations for Pancreatic Cancer in Endoscopic Ultrasonography-Guided Fine Needle Aspirates with Next-Generation Sequencing: Implications from a Prospective Cohort Study. Journal of Gastrointestinal Surgery, 2021, 25, 3149-3159.	0.9	12
33	ASO Visual Abstract: Anatomic Criteria Determine Resectability in Locally Advanced Pancreatic Cancer. Annals of Surgical Oncology, 2021, 28, 714-715.	0.7	1
34	Inhibition of focal adhesion kinase enhances antitumor response of radiation therapy in pancreatic cancer through CD8+ T cells. Cancer Biology and Medicine, 2021, 18, 206-214.	1.4	18
35	Recurrence in Patients Achieving Pathological Complete Response After Neoadjuvant Treatment for Advanced Pancreatic Cancer. Annals of Surgery, 2021, 274, 162-169.	2.1	25
36	Implantation of a neoantigen-targeted hydrogel vaccine prevents recurrence of pancreatic adenocarcinoma after incomplete resection. OncoImmunology, 2021, 10, 2001159.	2.1	10

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37	Abstract PO-111: A human single-cell RNA sequencing atlas of pancreatic ductal adenocarcinoma enables harmonized cell type calling and comprehensive analyses of potential intercellular signaling. , 2021, , .		0
38	Surgical Resection of 78 Pancreatic Solid Pseudopapillary Tumors: a 30-Year Single Institutional Experience. Journal of Gastrointestinal Surgery, 2020, 24, 874-881.	0.9	23
39	Pancreatic Nerve Sheath Tumors: a Single Institutional Series and Systematic Review of the Literature. Journal of Gastrointestinal Surgery, 2020, 24, 841-848.	0.9	4
40	Disparities in the Use of Chemotherapy in Patients with Resected Pancreatic Ductal Adenocarcinoma. Journal of Gastrointestinal Surgery, 2020, 24, 1590-1596.	0.9	19
41	The impact of high body mass index on patients undergoing robotic pancreatectomy: A propensity matched analysis. Surgery, 2020, 167, 556-559.	1.0	9
42	Main Duct Dilatation Is the Best Predictor of High-grade Dysplasia or Invasion in Intraductal Papillary Mucinous Neoplasms of the Pancreas. Annals of Surgery, 2020, 272, 1118-1124.	2.1	58
43	Pancreatic circulating tumor cell detection by targeted single-cell next-generation sequencing. Cancer Letters, 2020, 493, 245-253.	3.2	18
44	Mesoportal bypass, interposition graft, and mesocaval shunt: Surgical strategies to overcome superior mesenteric vein involvement in pancreatic cancer. Surgery, 2020, 168, 1048-1055.	1.0	22
45	Association of Germline Variants in Human DNA Damage Repair Genes and Response to Adjuvant Chemotherapy in Resected Pancreatic Ductal Adenocarcinoma. Journal of the American College of Surgeons, 2020, 231, 527-535.e14.	0.2	11
46	Evaluation of a Novel Absorbable Radiopaque Hydrogel in Patients Undergoing Image Guided Radiation Therapy for Borderline Resectable and Locally Advanced Pancreatic Adenocarcinoma. Practical Radiation Oncology, 2020, 10, e508-e513.	1.1	11
47	Intraductal Transplantation Models of Human Pancreatic Ductal Adenocarcinoma Reveal Progressive Transition of Molecular Subtypes. Cancer Discovery, 2020, 10, 1566-1589.	7.7	90
48	Patient-derived Organoid Pharmacotyping is a Clinically Tractable Strategy for Precision Medicine in Pancreatic Cancer. Annals of Surgery, 2020, 272, 427-435.	2.1	61
49	Pattern of Invasion in Human Pancreatic Cancer Organoids Is Associated with Loss of SMAD4 and Clinical Outcome. Cancer Research, 2020, 80, 2804-2817.	0.4	58
50	Radical antegrade modular pancreatosplenectomy versus standard distal pancreatosplenectomy for pancreatic cancer, a dual-institutional analysis. Chinese Clinical Oncology, 2020, 9, 54-54.	0.4	5
51	Modeling human pancreatic ductal adenocarcinoma for translational research: current options, challenges, and prospective directions. Annals of Pancreatic Cancer, 2020, 3, 17-17.	1.2	5
52	Enhancing Patient Outcomes while Containing Costs after Complex Abdominal Operation: A Randomized Controlled Trial of the Whipple Accelerated Recovery Pathway. Journal of the American College of Surgeons, 2019, 228, 415-424.	0.2	38
53	Psychosocial Risks are Independently Associated with Cancer Surgery Outcomes in Medically Comorbid Patients. Annals of Surgical Oncology, 2019, 26, 936-944.	0.7	13
54	Circulating Tumor DNA as a Clinical Test in Resected Pancreatic Cancer. Clinical Cancer Research, 2019, 25, 4973-4984.	3.2	118

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55	Missed psychosocial risk factors during routine preoperative evaluations are associated with increased complications after elective cancer surgery. Surgery, 2019, 166, 177-183.	1.0	2
56	Dissecting the Stromal Signaling and Regulation of Myeloid Cells and Memory Effector T Cells in Pancreatic Cancer. Clinical Cancer Research, 2019, 25, 5351-5363.	3.2	57
57	Isolated pulmonary recurrence after resection of pancreatic cancer: the effect of patient factors and treatment modalities on survival. Hpb, 2019, 21, 998-1008.	0.1	21
58	Recurrence after neoadjuvant therapy and resection of borderline resectable and locally advanced pancreatic cancer. European Journal of Surgical Oncology, 2019, 45, 1674-1683.	0.5	62
59	A Qualitative Review of Neoadjuvant Chemotherapy in Resectable Pancreatic Adenocarcinoma. Pancreas, 2019, 48, 973-984.	0.5	11
60	Negative Pressure Wound Therapy for Surgical-site Infections. Annals of Surgery, 2019, 269, 1034-1040.	2.1	86
61	Outcome of Patients with Borderline Resectable Pancreatic Cancer in the Contemporary Era of Neoadjuvant Chemotherapy. Journal of Gastrointestinal Surgery, 2019, 23, 112-121.	0.9	54
62	Defining and Predicting Early Recurrence in 957 Patients With Resected Pancreatic Ductal Adenocarcinoma. Annals of Surgery, 2019, 269, 1154-1162.	2.1	222
63	Survival in Locally Advanced Pancreatic Cancer After Neoadjuvant Therapy and Surgical Resection. Annals of Surgery, 2019, 270, 340-347.	2.1	280
64	The Prognostic Value of Varying Definitions of Positive Resection Margin in Patients with Colorectal Cancer Liver Metastases. Journal of Gastrointestinal Surgery, 2018, 22, 1350-1357.	0.9	15
65	Is a Pathological Complete Response Following Neoadjuvant Chemoradiation Associated With Prolonged Survival in Patients With Pancreatic Cancer?. Annals of Surgery, 2018, 268, 1-8.	2.1	139
66	Lessons learned from 29 lymphoepithelial cysts of the pancreas: institutional experience and review of the literature. Hpb, 2018, 20, 612-620.	0.1	13
67	Association of BRAF Mutations With Survival and Recurrence in Surgically Treated Patients With Metastatic Colorectal Liver Cancer. JAMA Surgery, 2018, 153, e180996.	2.2	151
68	Testing Susceptibility of Patient-Derived Organoid Cultures to Therapies: Pharmacotyping. Methods in Molecular Biology, 2018, 1787, 253-261.	0.4	11
69	Circulating Tumor Cells Dynamics in Pancreatic Adenocarcinoma Correlate With Disease Status. Annals of Surgery, 2018, 268, 408-420.	2.1	125
70	Implications of the Pattern of Disease Recurrence on Survival Following Pancreatectomy for Pancreatic Ductal Adenocarcinoma. Annals of Surgical Oncology, 2018, 25, 2475-2483.	0.7	77
71	Personalized therapy in hepatocellular carcinoma: Molecular markers of prognosis and therapeutic response. Surgical Oncology, 2017, 26, 138-145.	0.8	49
72	Role of exosomes in treatment of hepatocellular carcinoma. Surgical Oncology, 2017, 26, 219-228.	0.8	27

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73	Surgical Site Infections Following Pancreaticoduodenectomy. Hpb, 2017, 19, 1131.	0.1	1
74	Staging and Prognostic Models for Hepatocellular Carcinoma and Intrahepatic Cholangiocarcinoma. Cancer Control, 2017, 24, 107327481772923.	0.7	24
75	Preoperative risk factors for conversion and learning curve of minimally invasive distal pancreatectomy. Surgery, 2017, 162, 1040-1047.	1.0	33
76	The use of negative pressure wound therapy to prevent post-operative surgical site infections following pancreaticoduodenectomy. Hpb, 2017, 19, 825-831.	0.1	35
77	Enhancer Reprogramming Promotes Pancreatic Cancer Metastasis. Cell, 2017, 170, 875-888.e20.	13.5	339
78	Role of Hepatectomy for Hepatocellular Carcinoma in the Era of Transplantation and Locoregional Therapy. Digestive Disease Interventions, 2017, 01, 094-104.	0.3	1
79	Long-term survival after resection of sarcomatoid carcinoma of the pancreas: an updated experience. Journal of Surgical Research, 2017, 219, 238-243.	0.8	11
80	Laparoscopic hepatectomy for hepatocellular carcinoma: are oncologic outcomes truly superior to an open approach?. Hepatobiliary Surgery and Nutrition, 2017, ï¼–, 200-202.	0.7	5
81	Geographical variation and trends in outcomes of laparoscopic spleen-preserving distal pancreatectomy with or without splenic vessel preservation: A meta-analysis. International Journal of Surgery, 2017, 45, 47-55.	1.1	20
82	Laparoscopic total pancreatectomy with islet autotransplantation for chronic pancreatitis. Journal of Visualized Surgery, 2016, 2, 121-121.	0.2	5
83	Management of Type 9 Hepatic Arterial Anatomy at the time of Pancreaticoduodenectomy: Considerations for Preservation and Reconstruction of a Completely Replaced Common Hepatic Artery. Journal of Gastrointestinal Surgery, 2016, 20, 1400-1404.	0.9	15
84	Molecular markers of prognosis and therapeutic targets in metastatic colorectal cancer. Surgical Oncology, 2016, 25, 190-199.	0.8	12
85	Multidisciplinary management and the future of treatment in cholangiocarcinoma. Expert Opinion on Orphan Drugs, 2016, 4, 255-267.	0.5	2