

Frank Viborg Mortensen

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

2,781
citations

304602

22
h-index

189801

50
g-index

90
all docs

90
docs citations

90
times ranked

4799
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct detection of early-stage cancers using circulating tumor DNA. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	808
2	Chronic Pancreatitis and Pancreatic Cancer Risk: A Systematic Review and Meta-analysis. <i>American Journal of Gastroenterology</i> , 2017, 112, 1366-1372.	0.2	349
3	Short chain fatty acids dilate isolated human colonic resistance arteries.. <i>Gut</i> , 1990, 31, 1391-1394.	6.1	170
4	Acute Pancreatitis and Pancreatic Cancer Risk: A Nationwide Matched-Cohort Study in Denmark. <i>Gastroenterology</i> , 2018, 154, 1729-1736.	0.6	143
5	Radiofrequency ablation of colorectal liver metastases: long-term survival. <i>Acta Radiologica</i> , 2007, 48, 253-258.	0.5	114
6	Microcirculatory and trophic effects of short chain fatty acids in the human rectum after Hartmann's procedure. <i>British Journal of Surgery</i> , 2005, 78, 1208-1211.	0.1	62
7	Diagnostic accuracy of CE-CT, MRI and FDG PET/CT for detecting colorectal cancer liver metastases in patients considered eligible for hepatic resection and/or local ablation. <i>European Radiology</i> , 2018, 28, 4735-4747.	2.3	60
8	Percutaneous Cholecystostomy is an Effective Definitive Treatment Option for Acute Acalculous Cholecystitis. <i>Scandinavian Journal of Surgery</i> , 2015, 104, 238-243.	1.3	52
9	Multicentre study of multidisciplinary team assessment of pancreatic cancer resectability and treatment allocation. <i>British Journal of Surgery</i> , 2019, 106, 756-764.	0.1	44
10	Radiofrequency ablation of colorectal liver metastases downstaged by chemotherapy. <i>Acta Radiologica</i> , 2009, 50, 716-721.	0.5	43
11	Long-term outcome of peroral endoscopic myotomy for esophageal achalasia in patients with previous Heller myotomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 2596-2601.	1.3	41
12	Liver regeneration is dependent on the extent of hepatectomy. <i>Journal of Surgical Research</i> , 2016, 205, 76-84.	0.8	38
13	Bacterial Meningitis in Elderly Patients: Clinical Picture and Course. <i>Age and Ageing</i> , 1992, 21, 216-220.	0.7	37
14	Responses to noradrenaline in human subcutaneous resistance arteries are mediated by both α_1 and α_2 adrenoceptors. <i>British Journal of Pharmacology</i> , 1990, 99, 31-34.	2.7	33
15	Hepatic uptake and metabolism of galactose can be quantified in vivo by ^{18}F -fluoro-2-deoxygalactose positron emission tomography. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, G27-G36.	1.6	33
16	Heterogeneity of Postjunctional α -Adrenoceptors in Isolated Mesenteric Resistance Arteries from Rats, Rabbits, Pigs, and Humans. <i>Journal of Cardiovascular Pharmacology</i> , 1991, 18, 4-10.	0.8	31
17	The natural history of liver regeneration in rats: Description of an animal model for liver regeneration studies. <i>International Journal of Surgery</i> , 2013, 11, 903-908.	1.1	31
18	Ketorolac and Other NSAIDs Increase the Risk of Anastomotic Leakage After Surgery for GEJ Cancers: a Cohort Study of 557 Patients. <i>Journal of Gastrointestinal Surgery</i> , 2018, 22, 587-594.	0.9	26

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19	Transmural trophic effect of short chain fatty acid infusions on atrophic, defunctioned rat colon. <i>Diseases of the Colon and Rectum</i> , 1995, 38, 946-951.	0.7	25
20	Hepatobiliary Secretion Kinetics of Conjugated Bile Acids Measured in Pigs by ¹¹ C-Cholylsarcosine PET. <i>Journal of Nuclear Medicine</i> , 2016, 57, 961-966.	2.8	25
21	Urban versus rural residency and pancreatic cancer survival: A Danish nationwide population-based cohort study. <i>PLoS ONE</i> , 2018, 13, e0202486.	1.1	25
22	Short-chain fatty acids stimulate mucosal cell proliferation in the closed human rectum after Hartmann's procedure. <i>International Journal of Colorectal Disease</i> , 1999, 14, 150-154.	1.0	24
23	Circulating tumor DNA for prognosis assessment and postoperative management after curative resection of colorectal liver metastases. <i>International Journal of Cancer</i> , 2022, 150, 1537-1548.	2.3	22
24	Metabolic Changes in the Pig Liver During Warm Ischemia and Reperfusion Measured by Microdialysis. <i>Journal of Gastrointestinal Surgery</i> , 2008, 12, 319-326.	0.9	21
25	Tracer input for kinetic modelling of liver physiology determined without sampling portal venous blood in pigs. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 263-270.	3.3	21
26	FDG-PET Improves Management of Patients with Colorectal Liver Metastases Allocated for Local Treatment: A Consecutive Prospective Study. <i>Scandinavian Journal of Surgery</i> , 2007, 96, 209-213.	1.3	20
27	Peroral endoscopic myotomy (POEM) for nutcracker esophagus. Three cases with 12 months follow-up. <i>Scandinavian Journal of Gastroenterology</i> , 2014, 49, 1285-1289.	0.6	20
28	Differential Distribution of Postjunctional α_2 Adrenoceptors in Human Omental Small Arteries. <i>Journal of Cardiovascular Pharmacology</i> , 1990, 16, 34-40.	0.8	19
29	Reconstruction of the common bile duct by a vascular prosthetic graft: an experimental study in pigs. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2005, 12, 231-234.	2.0	19
30	Endoscopic Sphincterotomy and Long-Term Risk of Cholangiocarcinoma: A Population-Based Follow-up Study. <i>Journal of the National Cancer Institute</i> , 2008, 100, 745-750.	3.0	19
31	The effect of postoperative gemcitabine on overall survival in patients with resected pancreatic cancer: A nationwide population-based Danish register study. <i>Acta Oncologica</i> , 2019, 58, 864-871.	0.8	19
32	Acute pancreatitis: 31-Year trends in incidence and mortality – A Danish population-based cohort study. <i>Pancreatology</i> , 2020, 20, 1332-1339.	0.5	19
33	Hepatic Blood Perfusion Measured by 3-Minute Dynamic ¹⁸ F-FDG PET in Pigs. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1119-1124.	2.8	17
34	Metastasis directed therapy for liver and lung metastases from colorectal cancer – A population-based study. <i>International Journal of Cancer</i> , 2018, 143, 3218-3226.	2.3	17
35	Short Chain Fatty Acids Relax Isolated Resistance Arteries from the Human Ileum by a Mechanism Dependent on Anion Exchange. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1994, 75, 181-185.	0.0	16
36	Simultaneous Colorectal and Liver Resections for Synchronous Colorectal Metastases. <i>Scandinavian Journal of Surgery</i> , 2006, 95, 176-179.	1.3	15

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37	Ischemic pre- and postconditioning has pronounced effects on gene expression profiles in the rat liver after ischemia/reperfusion. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G482-G489.	1.6	15
38	Anti-CD163-dexamethasone protects against apoptosis after ischemia/reperfusion injuries in the rat liver. <i>Annals of Medicine and Surgery</i> , 2015, 4, 331-337.	0.5	14
39	A gallbladder flap for reconstruction of the common bile duct. An experimental study on pigs. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2004, 11, 112-115.	2.0	13
40	Preserved liver regeneration capacity after partial hepatectomy in rats with non-alcoholic steatohepatitis. <i>World Journal of Hepatology</i> , 2018, 10, 8-21.	0.8	13
41	Cytokine Changes during Warm Ischemia and Reperfusion of the Pig Liver with or without Preconditioning. <i>European Surgical Research</i> , 2009, 42, 216-222.	0.6	12
42	The influence of preconditioning on metabolic changes in the pig liver before, during, and after warm liver ischemia measured by microdialysis. <i>Hepatology International</i> , 2009, 3, 310-315.	1.9	12
43	Statins and pancreatic cancer risk in patients with chronic pancreatitis: A Danish nationwide population-based cohort study. <i>International Journal of Cancer</i> , 2020, 146, 610-616.	2.3	12
44	Impact of Body Mass Index on Complications and Survival after Surgery for Esophageal and Gastro-Esophageal-Junction Cancer. <i>Scandinavian Journal of Surgery</i> , 2017, 106, 305-310.	1.3	12
45	The optimal lymph node dissection in patients with adenocarcinoma of the esophagogastric junction. <i>Surgical Oncology</i> , 2018, 27, 36-43.	0.8	11
46	Waiting time to surgery and pancreatic cancer survival: A nationwide population-based cohort study. <i>European Journal of Surgical Oncology</i> , 2019, 45, 1901-1905.	0.5	10
47	Short-Chain Fatty Acid Enemas Stimulate Plasminogen Activator Inhibitor-1 after Abdominal Aortic Graft Surgery. <i>Thrombosis Research</i> , 2000, 98, 361-366.	0.8	9
48	Diagnostic Laparoscopy and Ultrasonography for Colorectal Liver Metastases. <i>Scandinavian Journal of Surgery</i> , 2006, 95, 172-175.	1.3	9
49	A bridging stent to surgery in patients with esophageal and gastroesophageal junction cancer has a dramatic negative impact on patient survival. <i>Ecological Management and Restoration</i> , 2016, 30, n/a-n/a.	0.2	9
50	Laparoscopic repair of perforated peptic ulcer is not prognostic factor for 30-day mortality (a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	1.1	9
51	The role of [Ca ²⁺] _i , membrane potential and pH _i in the relaxation of rat mesenteric arteries to hyperosmolar acetate. <i>Pflügers Archiv European Journal of Physiology</i> , 1998, 436, 705-711.	1.3	8
52	Low Interleukin-22 Binding Protein Is Associated With High Mortality in Alcoholic Hepatitis and Modulates Interleukin-22 Receptor Expression. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00197.	1.3	8
53	A Powder-Free Surgical Glove Bag for Retraction of the Gallbladder During Laparoscopic Cholecystectomy. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2005, 15, 209-211.	0.4	8
54	Cell-free DNA and chemoembolization in patients with liver metastases from colorectal cancer. <i>Oncology Letters</i> , 2018, 16, 2654-2660.	0.8	7

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55	In vivo positron emission tomography imaging of decreased parasympathetic innervation in the gut of vagotomized patients. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13759.	1.6	7
56	Sorafenib inhibits liver regeneration in rats. <i>Hpb</i> , 2013, 15, 944-950.	0.1	7
57	Ischemic colitis treated with short chain fatty acids: Report of two cases. <i>Journal of Gastroenterology</i> , 1996, 31, 302-303.	2.3	6
58	Robotic-assisted laparoscopic Roux-en-Y choledochojejunostomy in pigs. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2005, 12, 167-172.	2.0	6
59	Diffuse Abdominal Splenosis Mimicking Peritoneal Metastases in a 35-Year-Old Man with a Resectable Carcinoma of the Ampulla of Vater. <i>Case Reports in Oncology</i> , 2013, 6, 467-471.	0.3	6
60	Perioperative blood transfusions increases the risk of anastomotic leakage after surgery for GEJ-cancer. <i>American Journal of Surgery</i> , 2017, 214, 293-298.	0.9	6
61	A new technique for accelerated liver regeneration: An experimental study in rats. <i>Surgery</i> , 2017, 162, 233-247.	1.0	6
62	Splenectomy and risk of COVID-19 infection, hospitalisation, and death. <i>Infectious Diseases</i> , 2021, 53, 678-683.	1.4	6
63	Disparity in use of modern combination chemotherapy associated with facility type influences survival of 2655 patients with advanced pancreatic cancer. <i>Acta OncolÃ³gica</i> , 2022, 61, 277-285.	0.8	6
64	Gene Expression in the Liver Remnant Is Significantly Affected by the Size of Partial Hepatectomy: An Experimental Rat Study. <i>Gene Expression</i> , 2017, 17, 289-299.	0.5	5
65	Adaptive growth changes in the liver remnant are affected by the size of hepatectomy in rats. <i>International Journal of Experimental Pathology</i> , 2018, 99, 150-157.	0.6	5
66	Effects of short-chain fatty acids on in vitro bacterial growth of <i>Bacteroides fragilis</i> and <i>Escherichia coli</i> . <i>Apmis</i> , 1999, 107, 240-4.	0.9	5
67	Aseptic laparoscopic colon resection with intraabdominal anastomosis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1998, 12, 1245-1248.	1.3	4
68	Validation of a new transit time ultrasound flowmeter for measuring blood flow in colonic mesenteric arteries. <i>The European Journal of Surgery</i> , 2003, 164, 599-604.	1.0	4
69	Choledocho-choledochostomy: the natural history of healing in pigs. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2007, 14, 498-502.	2.0	4
70	Increased liver regeneration rate and decreased liver function after synchronous liver and colon resection in rats. <i>Annals of Surgical Innovation and Research</i> , 2009, 3, 16.	1.3	4
71	Hepatic regeneration following radiation-induced liver injury is associated with increased hepatobiliary secretion measured by PET in GÃ¶ttingen minipigs. <i>Scientific Reports</i> , 2020, 10, 10858.	1.6	4
72	Effect of Moderate Exercise on Blood Flow in the Gastrointestinal Tract in Trained Conscious Miniature Swine. <i>Digestive Surgery</i> , 1998, 15, 665-668.	0.6	3

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73	Effects of Simultaneous Hepatic Resection on Healing of Left-Sided Colonic Anastomoses: An Experimental Study in Rats. <i>European Surgical Research</i> , 2007, 39, 17-22.	0.6	3
74	Anti-inflammatory liposomes have no impact on liver regeneration in rats. <i>Annals of Medicine and Surgery</i> , 2015, 4, 452-461.	0.5	3
75	Antihypertensive drugs and pancreatic cancer risk in patients with chronic pancreatitis: a Danish nationwide population-based cohort study. <i>British Journal of Cancer</i> , 2019, 121, 622-624.	2.9	3
76	Partial Liver Ischemia Is Followed by Metabolic Changes in the Normally Perfused Part of the Liver during Reperfusion. <i>European Surgical Research</i> , 2010, 45, 61-67.	0.6	2
77	Comment on "Surgery Improves Survival After Neoadjuvant Therapy for Borderline and Locally Advanced Pancreatic Cancer". <i>Annals of Surgery</i> , 2019, 270, e138-e139.	2.1	2
78	Radiofrequency ablation of colorectal liver metastases: long-term survival?. <i>Acta Radiologica</i> , 2008, 49, 21-21.	0.5	1
79	Postoperative but not preoperative treatment with sorafenib inhibits liver regeneration in rats. <i>Journal of Surgical Research</i> , 2014, 191, 331-338.	0.8	1
80	Early Diagnosis of Colonic Anastomotic Leak With Peritoneal Endoscopy. <i>Journal of the Society of Laparoendoscopic Surgeons</i> , 2015, 19, e2015.00045.	0.5	1
81	Perturbations of urea cycle enzymes during posthepatectomy rat liver failure. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G429-G440.	1.6	1
82	Aspirin as secondary prevention in colorectal cancer liver metastasis (ASAC trial): study protocol for a multicentre randomized placebo-controlled trial. <i>Trials</i> , 2021, 22, 642.	0.7	1
83	T-tube drainage stimulates the healing of choledochocholedochostomies. An experimental study in pigs. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2008, 15, 622-626.	2.0	0
84	Reply. <i>Gastroenterology</i> , 2018, 155, 1280-1281.	0.6	0
85	Author response to: It is time for a biological definition of locally advanced pancreatic cancer. <i>British Journal of Surgery</i> , 2019, 106, 1257-1258.	0.1	0
86	Author's Reply to: "Design flaws in statins and pancreatic cancer research" (<i>IJC</i> 19(0941)). <i>International Journal of Cancer</i> , 2019, 145, 1450-1451.	2.3	0
87	Hepatic blood flow in adult Göttingen minipigs and pre-pubertal Danish Landrace x Yorkshire pigs. <i>Laboratory Animals</i> , 2021, 55, 350-357.	0.5	0