

Frank Viborg Mortensen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86
papers

1,937
citations

20
h-index

42
g-index

90
ext. papers

2,392
ext. citations

4.5
avg, IF

4.73
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 86 | Direct detection of early-stage cancers using circulating tumor DNA. <i>Science Translational Medicine</i> , 2017 , 9, | 17.5 | 537 |
| 85 | Chronic Pancreatitis and Pancreatic Cancer Risk: A Systematic Review and Meta-analysis. <i>American Journal of Gastroenterology</i> , 2017 , 112, 1366-1372 | 0.7 | 197 |
| 84 | Short chain fatty acids dilate isolated human colonic resistance arteries. <i>Gut</i> , 1990 , 31, 1391-4 | 19.2 | 126 |
| 83 | Radiofrequency ablation of colorectal liver metastases: long-term survival. <i>Acta Radiologica</i> , 2007 , 48, 253-8 | 2 | 94 |
| 82 | Acute Pancreatitis and Pancreatic Cancer Risk: A Nationwide Matched-Cohort Study in Denmark. <i>Gastroenterology</i> , 2018 , 154, 1729-1736 | 13.3 | 86 |
| 81 | Microcirculatory and trophic effects of short chain fatty acids in the human rectum after Hartmann's procedure. <i>British Journal of Surgery</i> , 1991 , 78, 1208-11 | 5.3 | 55 |
| 80 | Percutaneous cholecystostomy is an effective definitive treatment option for acute acalculous cholecystitis. <i>Scandinavian Journal of Surgery</i> , 2015 , 104, 238-43 | 3.1 | 38 |
| 79 | 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 | 5.2 | 36 |
| 78 | Radiofrequency ablation of colorectal liver metastases downstaged by chemotherapy. <i>Acta Radiologica</i> , 2009 , 50, 716-21 | 2 | 36 |
| 77 | 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 | 8 | 34 |
| 76 | Hepatic uptake and metabolism of galactose can be quantified in vivo by 2-[18F]fluoro-2-deoxygalactose positron emission tomography. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 295, G27-G36 | 5.1 | 31 |
| 75 | Bacterial meningitis in elderly patients: clinical picture and course. <i>Age and Ageing</i> , 1992 , 21, 216-20 | 3 | 27 |
| 74 | Multicentre study of multidisciplinary team assessment of pancreatic cancer resectability and treatment allocation. <i>British Journal of Surgery</i> , 2019 , 106, 756-764 | 5.3 | 26 |
| 73 | Heterogeneity of postjunctional alpha-adrenoceptors in isolated mesenteric resistance arteries from rats, rabbits, pigs, and humans. <i>Journal of Cardiovascular Pharmacology</i> , 1991 , 18, 4-10 | 3.1 | 25 |
| 72 | Responses to noradrenaline in human subcutaneous resistance arteries are mediated by both alpha 1- and alpha 2-adrenoceptors. <i>British Journal of Pharmacology</i> , 1990 , 99, 31-4 | 8.6 | 25 |
| 71 | Liver regeneration is dependent on the extent of hepatectomy. <i>Journal of Surgical Research</i> , 2016 , 205, 76-84 | 2.5 | 24 |
| 70 | 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, 903-8 | 7.5 | 23 |

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|----|---|-----|----|
| 69 | 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, 150-4 | 3 | 22 |
| 68 | Hepatobiliary Secretion Kinetics of Conjugated Bile Acids Measured in Pigs by 11C-Cholylsarcosine PET. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 961-6 | 8.9 | 22 |
| 67 | 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, 263-70 | 8.8 | 20 |
| 66 | Metabolic changes in the pig liver during warm ischemia and reperfusion measured by microdialysis. <i>Journal of Gastrointestinal Surgery</i> , 2008 , 12, 319-26 | 3.3 | 20 |
| 65 | Transmural trophic effect of short chain fatty acid infusions on atrophic, defunctioned rat colon. <i>Diseases of the Colon and Rectum</i> , 1995 , 38, 946-51 | 3.1 | 20 |
| 64 | Peroral endoscopic myotomy (POEM) for nutcracker esophagus. Three cases with 12 months follow-up. <i>Scandinavian Journal of Gastroenterology</i> , 2014 , 49, 1285-9 | 2.4 | 19 |
| 63 | Differential distribution of postjunctional alpha 2 adrenoceptors in human omental small arteries. <i>Journal of Cardiovascular Pharmacology</i> , 1990 , 16, 34-40 | 3.1 | 18 |
| 62 | 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 | 3.3 | 18 |
| 61 | 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, 209-13 | 3.1 | 17 |
| 60 | 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, 231-4 | | 17 |
| 59 | Endoscopic sphincterotomy and long-term risk of cholangiocarcinoma: a population-based follow-up study. <i>Journal of the National Cancer Institute</i> , 2008 , 100, 745-50 | 9.7 | 16 |
| 58 | 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 | 3.2 | 14 |
| 57 | Simultaneous colorectal and liver resections for synchronous colorectal metastases. <i>Scandinavian Journal of Surgery</i> , 2006 , 95, 176-9 | 3.1 | 14 |
| 56 | 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 | 7.5 | 14 |
| 55 | 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, G482-9 | 5.1 | 13 |
| 54 | Hepatic blood perfusion measured by 3-minute dynamic 18F-FDG PET in pigs. <i>Journal of Nuclear Medicine</i> , 2011 , 52, 1119-24 | 8.9 | 13 |
| 53 | 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, 181-5 | | 13 |
| 52 | Urban versus rural residency and pancreatic cancer survival: A Danish nationwide population-based cohort study. <i>PLoS ONE</i> , 2018 , 13, e0202486 | 3.7 | 12 |

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| 51 | Cytokine changes during warm ischemia and reperfusion of the pig liver with or without preconditioning. <i>European Surgical Research</i> , 2009 , 42, 216-22 | 1.1 | 12 |
| 50 | 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, 112-5 | | 11 |
| 49 | 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, 310-5 | 8.8 | 10 |
| 48 | 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 | 3.1 | 10 |
| 47 | Preserved liver regeneration capacity after partial hepatectomy in rats with non-alcoholic steatohepatitis. <i>World Journal of Hepatology</i> , 2018 , 10, 8-21 | 3.4 | 9 |
| 46 | 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 | 7.5 | 9 |
| 45 | The optimal lymph node dissection in patients with adenocarcinoma of the esophagogastric junction. <i>Surgical Oncology</i> , 2018 , 27, 36-43 | 2.5 | 8 |
| 44 | Anti-CD163-dexamethasone protects against apoptosis after ischemia/reperfusion injuries in the rat liver. <i>Annals of Medicine and Surgery</i> , 2015 , 4, 331-7 | 2 | 8 |
| 43 | A powder-free surgical glove bag for retraction of the gallbladder during laparoscopic cholecystectomy. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2005 , 15, 209-11 | 1.3 | 8 |
| 42 | The role of $[Ca^{2+}]_i$, membrane potential and pHi in the relaxation of rat mesenteric arteries to hyperosmolar acetate. <i>Pflugers Archiv European Journal of Physiology</i> , 1998 , 436, 705-11 | 4.6 | 7 |
| 41 | Diagnostic laparoscopy and ultrasonography for colorectal liver metastases. <i>Scandinavian Journal of Surgery</i> , 2006 , 95, 172-5 | 3.1 | 7 |
| 40 | Sorafenib inhibits liver regeneration in rats. <i>Hpb</i> , 2013 , 15, 944-50 | 3.8 | 7 |
| 39 | Acute pancreatitis: 31-Year trends in incidence and mortality - A Danish population-based cohort study. <i>Pancreatology</i> , 2020 , 20, 1332-1339 | 3.8 | 7 |
| 38 | 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 | 3.6 | 6 |
| 37 | Cell-free DNA and chemoembolization in patients with liver metastases from colorectal cancer. <i>Oncology Letters</i> , 2018 , 16, 2654-2660 | 2.6 | 6 |
| 36 | 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, 467-71 | 1 | 6 |
| 35 | Robotic-assisted laparoscopic Roux-en-Y choledochojejunostomy in pigs. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2005 , 12, 167-72 | | 6 |
| 34 | Short-chain fatty acid enemas stimulate plasminogen activator inhibitor-1 after abdominal aortic graft surgery: a double-blinded, placebo-controlled study. <i>Thrombosis Research</i> , 2000 , 98, 361-6 | 8.2 | 6 |

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| 33 | 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 | 3.4 | 5 |
| 32 | Ischemic colitis treated with short chain fatty acids: report of two cases. <i>Journal of Gastroenterology</i> , 1996 , 31, 302-3 | 6.9 | 5 |
| 31 | 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 | 3.4 | 5 |
| 30 | Perioperative blood transfusions increases the risk of anastomotic leakage after surgery for GEJ-cancer. <i>American Journal of Surgery</i> , 2017 , 214, 293-298 | 2.7 | 4 |
| 29 | A new technique for accelerated liver regeneration: An experimental study in rats. <i>Surgery</i> , 2017 , 162, 233-247 | 3.6 | 4 |
| 28 | A bridging stent to surgery in patients with esophageal and gastroesophageal junction cancer has a dramatic negative impact on patient survival: A retrospective cohort study through data acquired from a prospectively maintained national database. <i>Ecological Management and Restoration</i> , 2017 , 20, 1-7 | 3 | 4 |
| 27 | Validation of a new transit time ultrasound flowmeter for measuring blood flow in colonic mesenteric arteries. <i>The European Journal of Surgery</i> , 1998 , 164, 599-604 | | 4 |
| 26 | Anti-inflammatory liposomes have no impact on liver regeneration in rats. <i>Annals of Medicine and Surgery</i> , 2015 , 4, 452-61 | 2 | 3 |
| 25 | 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 | | 3 |
| 24 | Aseptic laparoscopic colon resection with intraabdominal anastomosis. An experimental study in pigs. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1998 , 12, 1245-8 | 5.2 | 3 |
| 23 | Choledocho-choledochostomy: the natural history of healing in pigs. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2007 , 14, 498-502 | | 3 |
| 22 | 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 | 1.1 | 3 |
| 21 | In vivo positron emission tomography imaging of decreased parasympathetic innervation in the gut of vagotomized patients. <i>Neurogastroenterology and Motility</i> , 2020 , 32, e13759 | 4 | 3 |
| 20 | 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 | 4.2 | 3 |
| 19 | 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 | 2.8 | 3 |
| 18 | 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 | 8.7 | 2 |
| 17 | Hepatic regeneration following radiation-induced liver injury is associated with increased hepatobiliary secretion measured by PET in Göttingen minipigs. <i>Scientific Reports</i> , 2020 , 10, 10858 | 4.9 | 2 |
| 16 | Effect of moderate exercise on blood flow in the gastrointestinal tract in trained conscious miniature swine. <i>Digestive Surgery</i> , 1998 , 15, 665-8 | 2.5 | 2 |

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| 15 | Perturbations of urea cycle enzymes during posthepatectomy rat liver failure. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, G429-G440 | 5.1 | 1 |
| 14 | Laparoscopic repair of perforated peptic ulcer is not prognostic factor for 30-day mortality (a nationwide prospective cohort study). <i>International Journal of Surgery</i> , 2019 , 72, 47-54 | 7.5 | 1 |
| 13 | Postoperative but not preoperative treatment with sorafenib inhibits liver regeneration in rats. <i>Journal of Surgical Research</i> , 2014 , 191, 331-8 | 2.5 | 1 |
| 12 | 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, 61-7 | 1.1 | 1 |
| 11 | Radiofrequency ablation of colorectal liver metastases: long-term survival?. <i>Acta Radiologica</i> , 2008 , 49, 21-21 | 2 | 1 |
| 10 | Comment on "Surgery Improves Survival After Neoadjuvant Therapy for Borderline and Locally Advanced Pancreatic Cancer". <i>Annals of Surgery</i> , 2019 , 270, e138-e139 | 7.8 | 1 |
| 9 | Disparity in use of modern combination chemotherapy associated with facility type influences survival of 2655 patients with advanced pancreatic cancer. <i>Acta Oncologica</i> , 2021 , 1-9 | 3.2 | 1 |
| 8 | Splenectomy and risk of COVID-19 infection, hospitalisation, and death. <i>Infectious Diseases</i> , 2021 , 53, 678-683 | 3.1 | 0 |
| 7 | 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 | 2.8 | 0 |
| 6 | Author's Reply to: "Design flaws in statins and pancreatic cancer research" (IJC-19-0941). <i>International Journal of Cancer</i> , 2019 , 145, 1450-1451 | 7.5 | |
| 5 | 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 | 5.3 | |
| 4 | T-tube drainage stimulates the healing of choledocho-choledochostomies. An experimental study in pigs. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2008 , 15, 622-6 | | |
| 3 | Hepatic blood flow in adult Göttingen minipigs and pre-pubertal Danish Landrace x Yorkshire pigs. <i>Laboratory Animals</i> , 2021 , 55, 350-357 | 2.6 | |
| 2 | Reply. <i>Gastroenterology</i> , 2018 , 155, 1280-1281 | 13.3 | |
| 1 | The Multidisciplinary Team Conference 2021 , 509-517 | | |