

PUBLICATION LIST

(RG Score 40.36; *h*-index 23)

a) Originals (first or senior authorship)

in Top 25% journals of section "Surgery" according to InCites Journal Citation Reports
(jcr.clarivate.com)

1. **Aigner F**, Zbar AP, Kovacs P, Ludwikowski B, Kreczy A, Fritsch H (2004): The rectogenital septum: morphology, function and clinical relevance; *Dis Colon Rectum* 47(2):131-40, **IF 3.616**
2. **Aigner F**, Bodner G, Gruber H, Conrad F, Fritsch H, Margreiter R, Bonatti H (2006): The vascular nature of hemorrhoids; *J Gastrointest Surg* 10(7):1044-50, **IF 2.813**
3. **Aigner F**, Maier HT, Schwelberger HG, Wallnöfer EA, Amberger A, Obrist P, Berger T, Mak TW, Maglione M, Margreiter R, Schneeberger S, Troppmair J (2007): Lipocalin-2 regulates the inflammatory response during ischemia and reperfusion of the transplanted heart; *Am J Transplant* 7(4):779-88, **IF 6.493**
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5. **Aigner F**, Conrad F, Margreiter R, Oberwalder M (2009): Anal Submucosal Carbon Bead Injection for Treatment of Idiopathic Fecal Incontinence. A preliminary report; *Dis Colon Rectum* 52(2):293-8, **IF 3.616**
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- Model of Renal Transplantation. *Am J Transplant* 16(3):808-20, **IF 6.493**
9. Perez D, Melling N, Biebl M, Reeh M, Baukloh JK, Miro J, Polonski A, Izbicki JR, Knoll B, Pratschke J, **Aigner F** (2017): Robotic low anterior resection versus transanal total mesorectal excision in rectal cancer: A comparison of 115 cases. *Eur J Surg Oncol* Nov 26. pii: S0748-7983(17)30973-3, **IF 3.688**
 10. Maier HT, Ashraf MI, Denecke C, Weiss S, Augustin F, Messner F, Vallant N, Böcklein M, Margreiter C, Göbel G, Pratschke J, Öfner-Velano D, **Aigner F** (2018) Prediction of delayed graft function and long-term graft survival by serum and urinary neutrophil gelatinase-associated lipocalin during the early postoperative phase after kidney transplantation. *PLoS One* Jan 5;13(1):e0189932, **IF 3.54**
 11. Fritsch H, Zehm S, Illig R, Moser P, **Aigner F** (2010): New insights into the development and differentiation of the human anorectal epithelia. Are there clinical consequences? *Int J Colorectal Dis* 25(10):1231-42, **IF 2.533**
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 13. **Aigner F**, Hörmann R, Fritsch H, Pratschke J, D’Hoore A, Brenner E, Williams N, Biebl M; The TAMIS TME collaboration group (2015): Anatomical considerations for transanal minimal-invasive surgery: the caudal to cephalic approach. *Colorectal Dis* 17(2):O47-53, **IF 3.788**
 14. **Aigner F**, Kronberger I, Oberwalder M, Loizides A, Ulmer H, Gruber L, Pratschke J, Peer S, Gruber H (2016): Doppler-guided haemorrhoidal artery ligation with suture mucopexy compared with suture mucopexy alone for the treatment of Grade III haemorrhoids: a prospective randomized controlled trial. *Colorectal Dis* 18(7):710-6, **IF 3.788**
 15. Sohn M, Iesalnieks I, Agha A, Steiner P, Hochrein A, Pratschke J, Ritschl P, **Aigner F** (2018) Perforated Diverticulitis with Generalized Peritonitis: Low Stoma Rate Using a “Damage Control Strategy”. *World J Surg* Mar 14. doi: 10.1007/s00268-018-4585-y, **IF 2.766**

in journals of section “Surgery” of the second quartile according to InCites Journal Citation Reports (jcr.clarivate.com)

1. **Aigner F**, Bodner G, Conrad F, Mbaka G, Kreczy A, Fritsch H (2004): The Superior Rectal Artery and its branching pattern with regard to its clinical influence on ligation techniques for internal hemorrhoids; *Am J Surg* 187(1):102-8, **IF 2.141**
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1. **Aigner F**, Longato S, Fritsch H, Kralinger F (2004): Anatomical considerations regarding the “bare spot” of the glenoid cavity; *Surg Radiol Anat* 26(4):308-11, **IF 1.003**
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3. **Aigner F**, Resch T, Oberhuber R, Kronberger I, Hörmann R, Fritsch H, Pratschke J, Oberwalder M (2013): Anatomical–coloproctological skills lab; *Eur Surg* DOI 10.1007/s10353-013-0239-3, **IF 0.349**
4. **Aigner F**, Biebl M, Fürst A, Jöns T, Pratschke J, Kneist W (2017): Trainingskurs Transanale Totale Mesorektale Exzision (TaTME) - Konzept und Realisation eines Trainingskurses zur sicheren Anwendung der Transanal Totalen Mesorektalen Exzision (TaTME). *Chirurg* 88(2):147-154, **IF 0.669**
5. **Aigner F**, Dittrich L, Schmuck R, Pratschke J, Biebl M (2020): Transanale totale mesorektale Exzision – Indikation, Technik, Ergebnisse. *Chirurg* Jun 24. doi: 10.1007/s00104-020-01223-6, **IF 0.669**

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 4. **Aigner F**, Pratschke J, Schmelzle M (2017): Oligometastatic disease in colorectal cancer – how to proceed. Visc Med 33(1):23-28, **IF 0.06**
 5. Baukloh JK, Perez D, Reeh M, Biebl M, Izbicki JR, Pratschke J, **Aigner F** (2018) Lower Gastrointestinal Surgery: Robotic Surgery versus Laparoscopic Procedures. Visc Med Feb;34(1):16-22. doi: 10.1159/000486008, **IF 0.06**
 6. Wuensch T, Wizenty J, Quint J, Spitz W, Bosma M, Becker O, Adler A, Veltzke-Schlieker W, Stockmann M, Weiss S, Biebl MO, Pratschke J, **Aigner F** (2019) Expression analysis of fibronectin type III domain containing (FNDC) genes in inflammatory bowel disease and colorectal cancer. Gastroenterol Res Pract Apr 9;2019:3784172. doi: 10.1155/2019/3784172. eCollection 2019, **IF 1.859**
 7. Wuensch T, Quint J, Mueller V, Mueller A, Wizenty J, Kaffarnik M, Kern B, Stockmann M, Biebl M, Pratschke J, **Aigner F** (2019) Identification of serological markers for pre- and postoperative fasting periods. Clin Nutr ESPEN. 2019 Apr;30:131-137. doi: 10.1016/j.clnesp.2019.01.004, **IF 0.39**
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 9. Werner RN, Gaskins M, Dressler C, Nast A, Schaefer C, **Aigner F**, Siegel R (2020) Measuring importance of outcomes to patients: a cross-sectional survey for the German anal cancer guideline. J Clin Epidemiol Sep 25:S0895-4356(20)31112-4. doi: 10.1016/j.jclinepi.2020.09.026, **IF 4.952**
 10. Dittrich L, Biebl M, Schmuck R, Gül S, Weiss S, Haase O, Knoop M, Alkatout I, Pratschke J, **Aigner F** (2021) Initial Experience with the Safe Implementation of Transanal Total Mesorectal Excision (TaTME) as a Standardized Procedure for Low Rectal Cancer. J Clin Med Dec 28;10(1):72. doi: 10.3390/jcm10010072, **IF 3.303**

b) Originals (co-authorship)

in Top 50% journals of section “Surgery” according to InCites Journal Citation Reports

1. Bonatti H, **Aigner F**, DeClerq E, Bösmüller C, Widschwendner A, Larcher C, Margreiter R, Schneeberger S (2007): Local administration of cidofovir for human papilloma virus associated skin lesions in transplant recipients; *Transplant Int* 20(3):238-46, **IF 3.196**
2. Stelzmüller I, Zitt M, **Aigner F**, Kafka-Ritsch R, Jäger R, DeVries A, Eisterer W, Bonatti H, Öfner D (2009): Postoperative morbidity following chemoradiation for locally advanced low rectal cancer; *J Gastrointest Surg* 13(4):657-67, **IF 2.813**
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10. Ashraf MI, Fried D, Streif W, **Aigner F**, Hengster P, Troppmair J, Hermann M (2014): Biopsychronology: live confocal imaging of biopsies to assess organ function; *Transpl Int* 27(8):868-76, **IF 3.196**

11. Ratto C, Buntzen S, **Aigner F**, Altomare DF, Heydari A, Donisi L, Lundby L, Parello A (2016): Multicentre observational study of the Gatekeeper™ for faecal incontinence. *Br J Surg* 103(3):290-9, **IF 5.433**
12. Brandl A, Stolzlechner P, Eschertzhuber S, **Aigner F**, Weiss S, Vogel W, Krannich A, Neururer S, Pratschke J, Graziadei I, Öllinger R (2016): Inferior graft survival of hepatitis B core positive grafts is not influenced by post-transplant hepatitis B infection in liver recipients-A 35-year single-center experience. *Transpl Int* 29(4):471-82, **IF 3.196**
13. Denecke C, Weiss S, Biebl M, Fritz J, Dziodzio T, **Aigner F**, Sucher R, Brandl A, Bösmüller C, Pratschke J, Öllinger R (2016): An Arterial Conduit is Not a Risk Factor for Survival Following Orthotopic Liver Transplantation: An Analysis of 20 Years of Liver Transplantation in Innsbruck. *Ann Transplant* 24;21:321-8, **IF 1.054**
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21. Penna M, Hompes R, Arnold S, Wynn G, Austin R, Warusavitarne J, Moran B, Hanna GB, Mortensen NJ, Tekkis PP; International TaTME Registry Collaborative (2019) Incidence and Risk Factors for Anastomotic Failure in 1594 Patients Treated by Transanal Total Mesorectal Excision: Results From the International TaTME Registry. *Ann Surg Apr*;269(4):700-711. doi: 10.1097/SLA.0000000000002653, **IF 9.203**
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28. TaTME Guidance group representing the ESCP (European Society of Coloproctology), in collaboration with ASCRS (American Society of Colon and Rectum Surgeons), ACPGIBI (Association of Coloproctology of Great Britain and Ireland), ECCO (European Crohn's and Colitis Organisation), EAES (European Association of Endoscopic Surgeons), ESSO (European Society of Surgical Oncology), CSCRS (Canadian Society of Colorectal Surgery), CNSCRS (Chinese Society of Colorectal Surgery), CSLES (Chinese Society of Laparo-Endoscopic Surgery), CSSANZ (Colorectal Surgical Society of Australia and New Zealand), JSES (Japanese Society of Endoscopic Surgery), SACP (Argentinian Society of Coloproctology), SAGES (Society of American Gastrointestinal and Endoscopic Surgeons), SBCP (Brazilian Society of Coloproctology) and the Swiss-MIS (Swiss association for Minimally Invasive Surgery) (2020): International expert consensus guidance on indications, implementation and quality measures for Transanal Total Mesorectal Excision (TaTME). *Colorectal Dis* May 22. doi: 10.1111/codi.15147, **IF 3.788**
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1. Sommer O, **Aigner F**, Rudisch A, Gruber H, Fritsch H, Millesi W, Stiskal M (2003): Cross-sectional and Functional Imaging of the Temporomandibular Joint: Radiology, Pathology, and Basic Biomechanics of the Jaw; *RadioGraphics* 23(6):e14, **IF 3.249**
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7. Oberhuber R, Cardini B, Kofler M, Ritschl P, Oellinger R, **Aigner F**, Sucher R, Schneeberger S, Pratschke J, Brandacher G, Maglione M (2014): Murine cervical heart transplantation model using a modified cuff technique. *J Vis Exp* Oct 12;(92). doi: 10.3791/50753, **IF 1.113**
8. Weiss S, Messner F, Huth M, Weissenbacher A, Denecke C, **Aigner F**, Brandl A, Dziodzio T, Sucher R, Boesmueller C, Oellinger R, Schneeberger S, Oefner D, Pratschke J, Biebl M (2015): Impact of abdominal drainage systems on postoperative complication rates following liver transplantation. *Eur J Med Res* 20(1):66. doi: 10.1186/s40001-015-0163-z, **IF 1.414**
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h) Guidelines

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Graz, July 2021



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