Nicolas C Buchs

List of Publications by Year
in descending order

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116 papers	3,346 citations	147801 31 h-index	168389 53 g-index
119 all docs	119 docs citations	119 times ranked	3370 citing authors

#	Article	IF	Citations
1	Changes in the gut bacterial communities in colon cancer surgery patients: an observational study. Gut Pathogens, 2022, 14, 2.	3.4	4
2	Sacral Chordoma: A Population-based Analysis of Epidemiology and Survival Outcomes. Anticancer Research, 2022, 42, 929-937.	1.1	6
3	Fluorescence angiography likely protects against anastomotic leak in colorectal surgery: a systematic review and meta-analysis of randomised controlled trials. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 7775-7780.	2.4	4
4	Mapping of etiologies of computed tomography-proven acute colitis: a prospective cohort study. Scientific Reports, 2022, 12, .	3.3	1
5	Prophylactic Negative-pressure Wound Therapy Prevents Surgical Site Infection in Abdominal Surgery: An Updated Systematic Review and Meta-analysis of Randomized Controlled Trials and Observational Studies. Clinical Infectious Diseases, 2021, 73, e3804-e3813.	5.8	17
6	Surgical resection does not avoid the risk of diverticulitis recurrenceâ€"a systematic review of risk factors. International Journal of Colorectal Disease, 2021, 36, 227-237.	2.2	8
7	Non-excisional laser therapies for hemorrhoidal disease: a systematic review of the literature. Lasers in Medical Science, 2021, 36, 485-496.	2.1	26
8	The role of perineal application of prophylactic negative-pressure wound therapy for prevention of wound-related complications after abdomino-perineal resection: a systematic review. International Journal of Colorectal Disease, 2021, 36, 19-26.	2.2	11
9	Prevalence of Metastatic Lateral Lymph Nodes in Asian Patients with Lateral Lymph Node Dissection for Rectal Cancer: A Metaâ€analysis. World Journal of Surgery, 2021, 45, 1537-1547.	1.6	6
10	Prophylactic negative-pressure wound therapy for prevention of surgical site infection in abdominal surgery: a nationwide cross-sectional survey. Updates in Surgery, 2021, 73, 1983-1988.	2.0	1
11	Sexual organ-sparing with hydrogel spacer injections for rectal cancer radiotherapy: a feasibility pilot study. British Journal of Radiology, 2021, 94, 20200931.	2.2	3
12	Caecal diverticulitis can be misdiagnosed as acute appendicitis: a systematic review of the literature. Colorectal Disease, 2021, 23, 2515-2526.	1.4	4
13	Cell Therapy for Anal Sphincter Incontinence: Where Do We Stand?. Cells, 2021, 10, 2086.	4.1	9
14	Does the Choice of Extraction Site During Minimally Invasive Colorectal Surgery Change the Incidence of Incisional Hernia? Protocol for a Systematic Review and Network Meta-Analysis. International Journal of Surgery Protocols, 2021, 25, 216-219.	1.1	2
15	Physical activity programmes for patients undergoing neo-adjuvant chemoradiotherapy for rectal cancer. Medicine (United States), 2021, 100, e27754.	1.0	8
16	PROphylactic MESH (PROMESH) for stoma closure: does it reduce the incidence of incisional hernia? Protocol for a triple-blinded randomised controlled trial. BMJ Open, 2021, 11, e053751.	1.9	0
17	Mapping of aetiologies of gastroenteritis: a systematic review and meta-analysis of pathogens identified using a multiplex screening array. Scandinavian Journal of Gastroenterology, 2020, 55, 1405-1410.	1.5	6
18	The Impact of Pregnancy on Outcomes After Bariatric Surgery. Obesity Surgery, 2020, 30, 3001-3009.	2.1	5

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19	Scoring systems as outcomes assessment of the treatments for haemorrhoidal disease: a systematic review of the literature. International Journal of Colorectal Disease, 2020, 35, 1015-1024.	2.2	3
20	Total mesorectal excision with and without lateral lymph node dissection: a systematic review of the literature. International Journal of Colorectal Disease, 2020, 35, 1183-1192.	2.2	10
21	International expert consensus guidance on indications, implementation and quality measures for transanal total mesorectal excision. Colorectal Disease, 2020, 22, 749-755.	1.4	40
22	Suspicion of appendicitis in pregnant women: emergency evaluation by sonography and low-dose CT with oral contrast. European Radiology, 2019, 29, 345-352.	4.5	20
23	Does lateral lymph node dissection for low rectal cancer improve overall survival? Protocol for a systematic review and meta-analysis. International Journal of Surgery Protocols, 2019, 17, 1-2.	1.1	1
24	The clinical significance of extraluminal air in Hinchey 1a diverticulitis: results from a retrospective cohort study with 10-year follow-up. International Journal of Colorectal Disease, 2019, 34, 2053-2058.	2.2	7
25	Biological Treatment and the Potential Risk of Adverse Postoperative Outcome in Patients With Inflammatory Bowel Disease: An Open-Source Expert Panel Review of the Current Literature and Future Perspectives. Crohn's & Colitis 360, 2019, 1, .	1.1	3
26	Abdominal wall endometriosis: An 11-year retrospective observational cohort study. European Journal of Obstetrics and Gynecology and Reproductive Biology: X, 2019, 4, 100096.	1.1	31
27	Training Curriculum for Colorectal Cancer Surgery. Hot Topics in Acute Care Surgery and Trauma, 2019, , 285-296.	0.1	0
28	The Evolution of Robotic TAMIS. , 2019, , 153-164.		1
29	Reply. Clinical Gastroenterology and Hepatology, 2019, 17, 212-213.	4.4	1
30	Current Trends in the Management of Low Rectal Tumors: Transanal Total Mesorectal Excision. Current Colorectal Cancer Reports, 2019, 15, 90-97.	0.5	0
31	Comment on: Meta-analysis of the role of colonoscopy after an episode of left-sided acute diverticulitis. British Journal of Surgery, 2019, 107, 153-153.	0.3	1
32	Circulating Tumour Cells, Circulating Tumour DNA and Circulating Tumour miRNA in Blood Assays in the Different Steps of Colorectal Cancer Management, a Review of the Evidence in 2019. BioMed Research International, 2019, 2019, 1-11.	1.9	12
33	Colonoscopy Should Be Performed After an Episode of Uncomplicated Diverticulitis. Digestive Surgery, 2019, 36, 357-357.	1.2	2
34	Risk of Colorectal Cancer in Patients With Acute Diverticulitis: A Systematic Review and Meta-analysis of Observational Studies. Clinical Gastroenterology and Hepatology, 2019, 17, 1448-1456.e17.	4.4	61
35	St.Gallen consensus on safe implementation of transanal total mesorectal excision. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 1091-1103.	2.4	140
36	Robotic single-site versus multiport laparoscopic cholecystectomy: a case-matched analysis of short- and long-term costs. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 1550-1555.	2.4	22

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37	Robotic versus laparoscopic stapling during robotic Roux-en-Y gastric bypass surgery: a case-matched analysis of costs and clinical outcomes. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 472-477.	2.4	21
38	Robotic versus open liver resections: A caseâ€matched comparison. International Journal of Medical Robotics and Computer Assisted Surgery, 2017, 13, e1800.	2.3	33
39	Early clinical experience with the da Vinci Xi Surgical System in general surgery. Journal of Robotic Surgery, 2017, 11, 347-353.	1.8	23
40	Robotic Gastric Bypass Surgery in the Swiss Health Care System: Analysis of Hospital Costs and Reimbursement. Obesity Surgery, 2017, 27, 2099-2105.	2.1	7
41	Robotic bariatric surgery: A general review of the current status. International Journal of Medical Robotics and Computer Assisted Surgery, 2017, 13, e1834.	2.3	52
42	Subtotal colectomy for ulcerative colitis: lessons learned from a tertiary centre. Colorectal Disease, 2017, 19, O153-O161.	1.4	19
43	Transanal total mesorectal excision for rectal cancer: the journey towards a new technique and its current status. Expert Review of Anticancer Therapy, 2016, 16, 1145-1153.	2.4	14
44	Roux-en-Y gastric bypass for super obese patients: what approach?. International Journal of Medical Robotics and Computer Assisted Surgery, 2016, 12, 276-282.	2.3	11
45	Minimally invasive surgery versus percutaneous radio frequency ablation for the treatment of single small (â‰¤3Âcm) hepatocellular carcinoma: a caseâ€“control study. Surgical Endoscopy and Other Interventional Techniques, 2016, 30, 2301-2307.	2.4	40
46	Intestinal stem cells and intestinal homeostasis in health and in inflammation: A review. Surgery, 2016, 159, 1237-1248.	1.9	22
47	Transanal total mesorectal excision: Myths and reality. World Journal of Clinical Oncology, 2016, 7, 337.	2.3	10
48	Endoscopically assisted extralevator abdominoperineal excision. Colorectal Disease, 2015, 17, O277-80.	1.4	16
49	Management of Tumors of the Ischiorectal Fossa. Diseases of the Colon and Rectum, 2015, 58, 938-942.	1.3	16
50	Transanal total mesorectal excision: A valid option for rectal cancer?. World Journal of Gastroenterology, 2015, 21, 11700.	3.3	35
51	Image-guided surgery. Current Problems in Surgery, 2015, 52, 476-520.	1.1	28
52	Rectal Outcomes After a Liver-First Treatment of Patients with Stage IV Rectal Cancer. Annals of Surgical Oncology, 2015, 22, 931-937.	1.5	27
53	Partial splenectomy in the era of minimally invasive surgery: the current laparoscopic and robotic experiences. Surgical Endoscopy and Other Interventional Techniques, 2015, 29, 3618-3627.	2.4	28
54	Laparoscopic-assisted percutaneous endoscopic gastrostomy in two patients who failed percutaneous endoscopic gastrostomy. International Journal of Surgery Case Reports, 2015, 13, 40-42.	0.6	5

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55	Natural history of uncomplicated sigmoid diverticulitis. World Journal of Gastrointestinal Surgery, 2015, 7, 313.	1.5	30
56	Robotic technology: Optimizing the outcomes in rectal cancer?. World Journal of Clinical Oncology, 2015, 6, 22.	2.3	13
57	Real-Time Near-Infrared Fluorescent Cholangiography During Robotic Single-Site Cholecystectomy. , 2015, , 107-115.		0
58	Robotic Liver Resection. Juntendo Medical Journal, 2015, 61, 121-125.	0.1	0
59	Laparoscopic Versus Robotic Roux-En-Y Gastric Bypass: Lessons and Long-Term Follow-Up Learned From a Large Prospective Monocentric Study. Obesity Surgery, 2014, 24, 2031-2039.	2.1	81
60	Robotic single-site combined cholecystectomy and hysterectomy: Advantages and limits. International Journal of Surgery Case Reports, 2014, 5, 1025-1027.	0.6	7
61	Robotic singleâ€site cholecystectomy. Journal of Hepato-Biliary-Pancreatic Sciences, 2014, 21, 18-25.	2.6	38
62	Robotic revisional bariatric surgery: a comparative study with laparoscopic and open surgery. International Journal of Medical Robotics and Computer Assisted Surgery, 2014, 10, 213-217.	2.3	54
63	Current status of robotic liver resection: a systematic review. Expert Review of Anticancer Therapy, 2014, 14, 237-246.	2.4	14
64	Perirenal Fat Surface Area as a Risk Factor for Morbidity After Elective Colorectal Surgery. Diseases of the Colon and Rectum, 2014, 57, 201-209.	1.3	23
65	Reliability of robotic system during general surgical procedures in a university hospital. American Journal of Surgery, 2014, 207, 84-88.	1.8	20
66	New Trends in Robotic Colorectal Surgery. Advances in Robotics & Automation, 2014, 03, .	0.2	4
67	Robotic laparoendoscopy single site surgery: a transdisciplinary review. International Journal of Medical Robotics and Computer Assisted Surgery, 2013, 9, 1-11.	2.3	17
68	Real-time near-infrared fluorescent cholangiography could shorten operative time during robotic single-site cholecystectomy. Surgical Endoscopy and Other Interventional Techniques, 2013, 27, 3897-3901.	2.4	53
69	Impact of robotic general surgery course on participantsâ€™ surgical practice. Surgical Endoscopy and Other Interventional Techniques, 2013, 27, 1968-1972.	2.4	8
70	Three-dimensional laparoscopy: a step toward advanced surgical navigation. Surgical Endoscopy and Other Interventional Techniques, 2013, 27, 692-693.	2.4	27
71	Robot-Assisted Roux-en-Y Gastric Bypass for Super Obese Patients: A Comparative Study. Obesity Surgery, 2013, 23, 353-357.	2.1	26
72	Stereoscopic augmented reality for da Vinciâ„¢ robotic biliary surgery. International Journal of Surgery Case Reports, 2013, 4, 365-367.	0.6	16

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73	Learning Tools and Simulation in Robotic Surgery: State of the Art. World Journal of Surgery, 2013, 37, 2812-2819.	1.6	32
74	Transarterial embolization in acute colonic bleeding: review of 11Âyears of experience and long-term results. International Journal of Colorectal Disease, 2013, 28, 777-782.	2.2	23
75	Augmented environments for the targeting of hepatic lesions during image-guided robotic liver surgery. Journal of Surgical Research, 2013, 184, 825-831.	1.6	72
76	Mycotic aneurysm of the superior mesenteric artery. Surgery, 2013, 153, 133-134.	1.9	10
77	Robotic Transanal Endoscopic Microsurgery. Diseases of the Colon and Rectum, 2013, 56, 1194-1198.	1.3	49
78	Early experience with robotic rectopexy. International Journal of Medical Robotics and Computer Assisted Surgery, 2013, 9, e61-e65.	2.3	19
79	Augmented reality to the rescue of the minimally invasive surgeon. The usefulness of the interposition of stereoscopic images in the Da Vinciâ„¢ robotic console. International Journal of Medical Robotics and Computer Assisted Surgery, 2013, 9, e34-8.	2.3	42
80	Docking of the da Vinci Si Surgical SystemÂ® with singleâ€site technology. International Journal of Medical Robotics and Computer Assisted Surgery, 2013, 9, 12-16.	2.3	25
81	Three-dimensional laparoscopy: a new tool in the surgeon's armamentarium. Surgical Technology International, 2013, 23, 19-22.	0.2	14
82	Intestinal obstruction following use of laparoscopic barbed suture: A new complication with new material?. Minimally Invasive Therapy and Allied Technologies, 2012, 21, 369-371.	1.2	42
83	Perioperative Risk Assessment in Robotic General Surgery. Archives of Surgery, 2012, 147, 701-8.	2.2	35
84	Robotic single-incision laparoscopic cholecystectomy. Journal of Robotic Surgery, 2012, 6, 273-274.	1.8	15
85	Intraâ€operative fluorescent cholangiography using indocyanin green during robotic single site cholecystectomy. International Journal of Medical Robotics and Computer Assisted Surgery, 2012, 8, 436-440.	2.3	87
86	Learning curve for robot-assisted Roux-en-Y gastric bypass. Surgical Endoscopy and Other Interventional Techniques, 2012, 26, 1116-1121.	2.4	111
87	Reducing Cost of Surgery by Avoiding Complications: the Model of Robotic Roux-en-Y Gastric Bypass. Obesity Surgery, 2012, 22, 52-61.	2.1	153
88	Robotic and laparoscopic gastric bypass: are they comparable?. Surgical Endoscopy and Other Interventional Techniques, 2012, 26, 576-577.	2.4	4
89	Training in Robotic General Surgery: The Next Challenge. Advances in Robotics & Automation, 2012, 01, .	0.2	8
90	Value of performing routine postoperative liquid contrast swallow studies following robot-assisted Roux-en-Y gastric bypass. Swiss Medical Weekly, 2012, 142, w13556.	1.6	11

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91	Robot-Assisted Treatment of Splenic Artery Aneurysms. Annals of Vascular Surgery, 2011, 25, 377-383.	0.9	23
92	Value of contrastâ€enhanced ¹⁸Fâ€fluorodeoxyglucose positron emission tomography/computed tomography in detection and presurgical assessment of pancreatic cancer: A prospective study. Journal of Gastroenterology and Hepatology (Australia), 2011, 26, 657-662.	2.8	48
93	Single Port Access Laparoscopic Cholecystectomy (with Video): Reply. World Journal of Surgery, 2011, 35, 1150-1151.	1.6	2
94	Robotic Single-Port Cholecystectomy Using a New Platform: Initial Clinical Experience. Journal of Gastrointestinal Surgery, 2011, 15, 2182-2186.	1.7	71
95	Traditional Versus Single-site Placement of Adjustable Gastric Banding: A Comparative Study and Cost Analysis. Obesity Surgery, 2011, 21, 815-819.	2.1	16
96	Robotic palliation for unresectable pancreatic cancer and distal cholangiocarcinoma. International Journal of Medical Robotics and Computer Assisted Surgery, 2011, 7, 60-65.	2.3	26
97	Totally robotic right colectomy: a preliminary case series and an overview of the literature. International Journal of Medical Robotics and Computer Assisted Surgery, 2011, 7, 348-352.	2.3	19
98	Robotâ€assisted partial and total splenectomy. International Journal of Medical Robotics and Computer Assisted Surgery, 2011, 7, 482-488.	2.3	36
99	Laparoendoscopic Single-site Adjustable Gastric Banding. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, 2011, 21, e295-e300.	0.8	5
100	Robot-Assisted Sleeve Gastrectomy for Super-Morbidly Obese Patients. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2011, 21, 295-299.	1.0	71
101	Advanced applications of robotics in digestive surgery. Translational Medicine @ UniSa, 2011, 1, 21-50.	0.5	3
102	Robot-assisted gastrectomy for cancer. Minerva Gastroenterologica E Dietologica, 2011, 57, 33-42.	2.2	15
103	Outcomes of Robotâ€Assisted Pancreaticoduodenectomy in Patients Older Than 70 Years: A Comparative Study. World Journal of Surgery, 2010, 34, 2109-2114.	1.6	68
104	Safety of robotic general surgery in elderly patients. Journal of Robotic Surgery, 2010, 4, 91-98.	1.8	18
105	Robot-Assisted Oncologic Resection for Large Gastric Gastrointestinal Stromal Tumor: A Preliminary Case Series. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2010, 20, 411-415.	1.0	41
106	Robot-assisted lung resection: outcomes and technical details. Interactive Cardiovascular and Thoracic Surgery, 2010, 11, 388-392.	1.1	61
107	Spontaneous dissection of the superior mesenteric artery and the right hepatic artery: a case report. Journal of Medical Case Reports, 2010, 4, 87.	0.8	5
108	Segmental duodenectomy for gastrointestinal stromal tumor of the duodenum. World Journal of Gastroenterology, 2010, 16, 2788.	3.3	67

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109	Vascular invasion in pancreatic cancer: Imaging modalities, preoperative diagnosis and surgical management. World Journal of Gastroenterology, 2010, 16, 818-31.	3.3	69
110	Prevention, chemoradiation and surgery for anal cancer. Expert Review of Anticancer Therapy, 2009, 9, 483-489.	2.4	7
111	Single Port Access Laparoscopic Cholecystectomy (with video). World Journal of Surgery, 2009, 33, 1015-9.	1.6	112
112	Incidence, consequences, and risk factors for anastomotic dehiscence after colorectal surgery: a prospective monocentric study. International Journal of Colorectal Disease, 2008, 23, 265-270.	2.2	364
113	The posterior approach for low retrorectal tumors in adults. International Journal of Colorectal Disease, 2007, 22, 381-385.	2.2	85
114	Optimizing electrode implantation in sacral nerve stimulationâ€"an anatomical cadaver study controlled by a laparoscopic camera. International Journal of Colorectal Disease, 2007, 23, 85-91.	2.2	18
115	Lessons learned from one thousand consecutive colonic resections in a teaching hospital. Swiss Medical Weekly, 2007, 137, 259-64.	1.6	12
116	Vascular invasion in pancreatic cancer: evaluation of endoscopic ultrasonography, computed tomography, ultrasonography, and angiography. Swiss Medical Weekly, 2007, 137, 286-91.	1.6	17