

Nicole Bouvy

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

2,948
citations

186265

28
h-index

197818

49
g-index

114
all docs

114
docs citations

114
times ranked

4229
citing authors

#	ARTICLE	IF	CITATIONS
1	Near infrared fluorescence imaging of the urethra: a systematic review of the literature. Minimally Invasive Therapy and Allied Technologies, 2022, 31, 342-349.	1.2	5
2	Inadequate awareness of adherence to ARRIVE guidelines, regarding reporting quality of hernia models repaired with meshes: a systematic review. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2022, 26, 389-400.	2.0	2
3	3D Printed Dual Porosity Scaffolds: The Combined Effect of Stiffness and Porosity in the Modulation of Macrophage Polarization. Advanced Healthcare Materials, 2022, 11, e2101415.	7.6	23
4	EAES rapid guideline: systematic review, network meta-analysis, CINeMA and GRADE assessment, and European consensus on bariatric surgery extension 2022. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 1709-1725.	2.4	4
5	Non-invasive breath collection in murine models using a newly developed sampling device [*]. Journal of Breath Research, 2022, 16, 027102.	3.0	2
6	UEG and EAES rapid guideline: Systematic review, meta-analysis, GRADE assessment and evidence-informed European recommendations on TaTME for rectal cancer. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 2221-2232.	2.4	8
7	Too Limited Use of Prophylactic Mesh After Open AAA Repair in Belgium and The Netherlands?. European Journal of Vascular and Endovascular Surgery, 2022, 63, 775-776.	1.5	3
8	Near-Infrared Fluorescence Imaging for the Intraoperative Detection of Endometriosis: A Pilot Study. Life, 2022, 12, 15.	2.4	2
9	Parastomal hernias after cystectomy and ileal conduit urinary diversion: surgical treatment and the use of prophylactic mesh: a systematic review. BMC Surgery, 2022, 22, 118.	1.3	2
10	Diagnostic Performance of Electronic Noses in Cancer Diagnoses Using Exhaled Breath. JAMA Network Open, 2022, 5, e2219372.	5.9	24
11	Prehabilitation of complex ventral hernia patients with Botulinum: a systematic review of the quantifiable effects of Botulinum. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2021, 25, 1427-1442.	2.0	17
12	Simultaneous multipurpose fluorescence imaging with IRDye® 800BK during laparoscopic surgery. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 4840-4848.	2.4	6
13	Applying the electronic nose for pre-operative SARS-CoV-2 screening. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 6671-6678.	2.4	52
14	Clinical adhesion score (CLAS): development of a novel clinical score for adhesion-related complications in abdominal and pelvic surgery. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 2159-2168.	2.4	11
15	Left Ventricular Geometrical Changes in Severely Obese Adolescents: Prevalence, Determinants, and Clinical Implications. Pediatric Cardiology, 2021, 42, 331-339.	1.3	4
16	EAES Recommendations for Recovery Plan in Minimally Invasive Surgery Amid COVID-19 Pandemic. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 1-17.	2.4	24
17	Gastric peroral endoscopic pyloromyotomy for decompensated gastroparesis: comprehensive motility analysis in relation to treatment outcomes. Endoscopy International Open, 2021, 09, E137-E144.	1.8	18
18	Breath analysis for the detection of digestive tract malignancies: systematic review. BJS Open, 2021, 5, .	1.7	11

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19	Contemporary snapshot of tumor regression grade (TRG) distribution in locally advanced rectal cancer: a cross sectional multicentric experience. <i>Updates in Surgery</i> , 2021, 73, 1795-1803.	2.0	7
20	Examination of lipid profiles in abdominal fascial healing using MALDI-TOF to identify potential therapeutic targets. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2021, 20, 35-41.	2.4	1
21	Influence of intraoperative vasopressor use on indocyanine green fluorescence angiography: first evaluation in an experimental model. <i>Scientific Reports</i> , 2021, 11, 9650.	3.3	4
22	The male rectus diastasis: a different concept?. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2021, 25, 951-956.	2.0	7
23	Persistent Postthyroidectomy Hypoparathyroidism in the Netherlands. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021, 147, 959.	2.2	17
24	Prevention of incisional hernia using different suture materials for closing the abdominal wall: a comparison of PDS, Vicryl and Prolene in a rat model. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2020, 24, 67-78.	2.0	10
25	Comparison of coated meshes for intraperitoneal placement in animal studies: a systematic review and meta-analysis. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2020, 24, 1253-1261.	2.0	12
26	Adhesion-related readmissions after open and laparoscopic surgery: a retrospective cohort study (SCAR update). <i>Lancet, The</i> , 2020, 395, 33-41.	13.7	112
27	Noninvasive Near-Infrared Fluorescence Imaging of the Ureter During Robotic Surgery: A Demonstration in a Porcine Model. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2020, 30, 962-966.	1.0	7
28	Antioxidative Amino Acids in Early Enteral Versus Parenteral Nutrition Following Major Rectal Surgery. <i>Critical Care Medicine</i> , 2020, 48, e990-e991.	0.9	0
29	Can Electric Nose Breath Analysis Identify Abdominal Wall Hernia Recurrence and Aortic Aneurysms? A Proof-of-Concept Study. <i>Surgical Innovation</i> , 2020, 27, 366-372.	0.9	2
30	Multicenter, Phase 1, Open Prospective Trial of Gastric Electrical Stimulation for the Treatment of Obesity: First-in-Human Results with a Novel Implantable System. <i>Obesity Surgery</i> , 2020, 30, 1952-1960.	2.1	7
31	Obstructive sleep apnea in obese adolescents referred for bariatric surgery: association with metabolic and cardiovascular variables. <i>Sleep Medicine</i> , 2020, 75, 246-250.	1.6	5
32	META Score: An International Consensus Scoring System on Mesh-tissue Adhesions. <i>World Journal of Surgery</i> , 2020, 44, 2935-2943.	1.6	0
33	Current Opinions and Practices of Bariatric Surgery in Adolescents: A Survey among Pediatric Surgeons. <i>European Journal of Pediatric Surgery</i> , 2020, 30, 117-121.	1.3	8
34	Preliminary evidence that endoscopic gastroplication reduces food reward. <i>Appetite</i> , 2020, 150, 104632.	3.7	1
35	The cutaneous microbiome in hospitalized patients with pressure ulcers. <i>Scientific Reports</i> , 2020, 10, 5963.	3.3	15
36	Clinical practice guidelines of the European Association for Endoscopic Surgery (EAES) on bariatric surgery: update 2020 endorsed by IFSO-EC, EASO and ESPCOP. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 2332-2358.	2.4	262

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37	Consensus on the definition of colorectal anastomotic leakage: A modified Delphi study. <i>World Journal of Gastroenterology</i> , 2020, 26, 3293-3303.	3.3	41
38	Evaluation of a New Elastic Ostomy Appliance to Decrease Skin Complications: Results of a Pilot Study. <i>Wound Management and Prevention</i> , 2020, 66, 30-36.	0.5	0
39	Baseline performance of the ischaemic button model for induction of adhesions in laboratory rats. <i>Laboratory Animals</i> , 2019, 53, 63-71.	1.0	3
40	Prophylactic mesh placement to avoid incisional hernias after stoma reversal: a systematic review and meta-analysis. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2019, 23, 733-741.	2.0	20
41	EAES and SAGES 2018 consensus conference on acute diverticulitis management: evidence-based recommendations for clinical practice. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 2726-2741.	2.4	125
42	Incidence of arcuate line hernia in patients with abdominal complaints: radiological and clinical features. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2019, 23, 1199-1203.	2.0	4
43	Comparing Five New Polymer Barriers for the Prevention of Intra-abdominal Adhesions in a Rat Model. <i>Journal of Surgical Research</i> , 2019, 243, 453-459.	1.6	4
44	Laparotomy closure techniques: Do surgeons follow the latest guidelines? Results of a questionnaire. <i>International Journal of Surgery</i> , 2019, 71, 110-116.	2.7	17
45	Bariatric surgery in adolescents: A prospective randomized controlled trial comparing laparoscopic gastric banding to combined lifestyle interventions in adolescents with severe obesity (BASIC trial). <i>BMC Pediatrics</i> , 2019, 19, 34.	1.7	12
46	Near-infrared fluorescence image-guidance in anastomotic colorectal cancer surgery and its relation to serum markers of anastomotic leakage: a clinical pilot study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 3766-3774.	2.4	25
47	Duodenal-jejunal lining increases postprandial unconjugated bile acid responses and disrupts the bile acid-FXR-FGF19 axis in humans. <i>Metabolism: Clinical and Experimental</i> , 2019, 93, 25-32.	3.4	13
48	Clinical efficacy of lead revisions during the test phase in sacral neuromodulation for fecal incontinence. <i>International Journal of Colorectal Disease</i> , 2019, 34, 1369-1374.	2.2	1
49	Development of hyaluronan-based membranes for the healing of intestinal surgical wounds: a preliminary study. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 60.	3.6	1
50	Metabolic improvement in obese patients after duodenal-jejunal exclusion is associated with intestinal microbiota composition changes. <i>International Journal of Obesity</i> , 2019, 43, 2509-2517.	3.4	19
51	European association for endoscopic surgery (EAES) consensus statement on single-incision endoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 996-1019.	2.4	51
52	Clinical Outcomes After Unilateral Adrenalectomy for Primary Aldosteronism. <i>JAMA Surgery</i> , 2019, 154, e185842.	4.3	68
53	The Effect of Shear Force on Skin Viability in Patients with Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-9.	2.3	7
54	Effect of the EndoBarrier Device: a 4-Year Follow-up of a Multicenter Randomized Clinical Trial. <i>Obesity Surgery</i> , 2019, 29, 1117-1121.	2.1	16

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55	Pitfalls and clinical recommendations for the primary lumbar hernia based on a systematic review of the literature. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2019, 23, 107-117.	2.0	21
56	Feasibility of indocyanine green fluorescence imaging for intraoperative identification of parathyroid glands during thyroid surgery. <i>Head and Neck</i> , 2019, 41, 340-348.	2.0	43
57	Hurdles to Take for Adequate Treatment of Morbidly Obese Children and Adolescents: Attitudes of General Practitioners Towards Conservative and Surgical Treatment of Paediatric Morbid Obesity. <i>World Journal of Surgery</i> , 2019, 43, 1173-1181.	1.6	13
58	Near-infrared fluorescence laparoscopy of the ureter with three preclinical dyes in a pig model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 986-991.	2.4	27
59	The use of 3D laparoscopic imaging systems in surgery: EAES consensus development conference 2018. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 3251-3274.	2.4	75
60	Complications and recurrence rates of patients with Ehlers-Danlos syndrome undergoing ventral hernioplasty: a case series. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2018, 22, 611-616.	2.0	4
61	Evaluation of a novel dye for near-infrared fluorescence delineation of the ureters during laparoscopy. <i>BJS Open</i> , 2018, 2, 254-261.	1.7	16
62	Intraoperative enhanced imaging for detection of endometriosis: A systematic review of the literature. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 224, 108-116.	1.1	17
63	MRI Evaluation of an Elastic TPU Mesh under Pneumoperitoneum in IPOM Position in a Porcine Model. <i>Journal of Investigative Surgery</i> , 2018, 31, 185-191.	1.3	7
64	Genetic Markers of Brown Adipose Tissue Identity and <i>In Vitro</i> Brown Adipose Tissue Activity in Humans. <i>Obesity</i> , 2018, 26, 135-140.	3.0	27
65	Near-Infrared Fluorescence Imaging for Real-Time Intraoperative Guidance in Anastomotic Colorectal Surgery: A Systematic Review of Literature. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2018, 28, 157-167.	1.0	51
66	The Effect of 6 and 12 Months Duodenal-jejunal Bypass Liner Treatment on Obesity and Type 2 Diabetes: a Crossover Cohort Study. <i>Obesity Surgery</i> , 2018, 28, 1255-1262.	2.1	8
67	Behavioral outcomes of a novel, pelvic nerve damage rat model of fecal incontinence. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13242.	3.0	1
68	Long-term outcome of intractable constipation treated by sacral neuromodulation: a comparison between children and adults. <i>Colorectal Disease</i> , 2018, 20, 134-143.	1.4	12
69	Adhesion awareness in 2016: An update of the national survey of surgeons. <i>PLoS ONE</i> , 2018, 13, e0202418.	2.5	24
70	Optimizing the image of fluorescence cholangiography using ICG: a systematic review and ex vivo experiments. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 4820-4832.	2.4	43
71	Pilot Study: Detection of Gastric Cancer From Exhaled Air Analyzed With an Electronic Nose in Chinese Patients. <i>Surgical Innovation</i> , 2018, 25, 429-434.	0.9	31
72	Comparability of histological outcomes in rats and humans in a hernia model. <i>Journal of Surgical Research</i> , 2018, 229, 271-276.	1.6	11

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73	Stent-induced compression necrosis for the endoscopic removal of a partially eroded Lap-Band. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2018-224670.	0.5	0
74	Biocompatibility and biomechanical analysis of elastic <sc>TPU</sc> threads as new suture material. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 99-106.	3.4	26
75	Towards automated spectroscopic tissue classification in thyroid and parathyroid surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2017, 13, e1748.	2.3	6
76	Single-incision laparoscopic cholecystectomy versus conventional four-port laparoscopic cholecystectomy: a systematic review and meta-analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 3437-3448.	2.4	69
77	Fecal incontinence treated by sacral neuromodulation: Long-term follow-up of 325 patients. <i>Surgery</i> , 2017, 161, 1040-1048.	1.9	50
78	Critical overview of all available animal models for abdominal wall hernia research. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2017, 21, 667-675.	2.0	31
79	Impact of tissue adhesives on the prevention of anastomotic leakage of colonic anastomoses: an in vivo study. <i>International Journal of Colorectal Disease</i> , 2017, 32, 961-965.	2.2	12
80	The general surgeon's perspective of rectus diastasis. A systematic review of treatment options. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 4934-4949.	2.4	79
81	Effects of supercritical carbon dioxide sterilization on polysaccharidic membranes for surgical applications. <i>Carbohydrate Polymers</i> , 2017, 173, 482-488.	10.2	17
82	Near-infrared fluorescence laparoscopy of the cystic duct and cystic artery: first experience with two new preclinical dyes in a pig model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 4309-4314.	2.4	10
83	Comparison of three different application routes of butyrate to improve colonic anastomotic strength in rats. <i>International Journal of Colorectal Disease</i> , 2017, 32, 305-313.	2.2	21
84	Cost-effectiveness of sacral neuromodulation for chronic refractory constipation in children and adolescents: a Markov model analysis. <i>Colorectal Disease</i> , 2017, 19, 1013-1023.	1.4	5
85	Effect of Endoscopic Gastropliation on the Genome-Wide Transcriptome in the Upper Gastrointestinal Tract. <i>Obesity Surgery</i> , 2017, 27, 740-748.	2.1	10
86	Definition of colorectal anastomotic leakage: A consensus survey among Dutch and Chinese colorectal surgeons. <i>World Journal of Gastroenterology</i> , 2017, 23, 6172-6180.	3.3	35
87	Near-infrared fluorescence cholangiography assisted laparoscopic cholecystectomy versus conventional laparoscopic cholecystectomy (FALCON trial): study protocol for a multicentre randomised controlled trial. <i>BMJ Open</i> , 2016, 6, e011668.	1.9	40
88	Improving the effect of shear on skin viability with wound dressings. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 60, 505-514.	3.1	11
89	Fluorescence Ureteral Visualization in Human Laparoscopic Colorectal Surgery Using Methylene Blue. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2016, 26, 870-875.	1.0	72
90	Enhanced bioadhesivity of dopamine-functionalized polysaccharidic membranes for general surgery applications. <i>Acta Biomaterialia</i> , 2016, 44, 232-242.	8.3	53

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91	Is Single-Port Laparoscopy More Precise and Faster with the Robot?. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2016, 26, 898-904.	1.0	3
92	Characteristics of contralateral carcinomas in patients with differentiated thyroid cancer larger than 1Åcm. Langenbeck's Archives of Surgery, 2016, 401, 365-373.	1.9	15
93	International consensus statement regarding the use of animal models for research on anastomoses in the lower gastrointestinal tract. International Journal of Colorectal Disease, 2016, 31, 1021-1030.	2.2	29
94	Genetic polymorphisms in <i>UDP-glucuronosyltransferase 1A6</i> and <i>1A7</i> and the risk for benign Warthin's tumors of the parotid gland. Head and Neck, 2016, 38, E717-23.	2.0	0
95	Effect of Vagus Nerve Integrity on Short and Long-Term Efficacy of Antireflux Surgery. American Journal of Gastroenterology, 2016, 111, 508-515.	0.4	24
96	Impact of Duodenal-Jejunal Exclusion on Satiety Hormones. Obesity Surgery, 2016, 26, 672-678.	2.1	28
97	Predictive Factors for Anastomotic Leakage After Colorectal Surgery: Study Protocol for a Prospective Observational Study (REVEAL Study). JMIR Research Protocols, 2016, 5, e90.	1.0	7
98	Colorectal anastomotic healing: why the biological processes that lead to anastomotic leakage should be revealed prior to conducting intervention studies. BMC Gastroenterology, 2015, 15, 180.	2.0	55
99	A new method to evaluate the effects of shear on the skin. Wound Repair and Regeneration, 2015, 23, 885-890.	3.0	36
100	Electrical stimulation therapy of the lower oesophageal sphincter for refractory gastroœophageal reflux disease " interim results of an international multicentre trial. Alimentary Pharmacology and Therapeutics, 2015, 42, 614-625.	3.7	39
101	Does Measurement of Esophagogastric Junction Distensibility by EndoFLIP Predict Therapy-responsiveness to Endoluminal Fundoplication in Patients With Gastroesophageal Reflux Disease?. Journal of Neurogastroenterology and Motility, 2015, 21, 255-264.	2.4	29
102	Citrulline Supplementation Improves Organ Perfusion and Arginine Availability under Conditions with Enhanced Arginase Activity. Nutrients, 2015, 7, 5217-5238.	4.1	40
103	Response:. Gastrointestinal Endoscopy, 2015, 82, 186-187.	1.0	0
104	The Bile Acid Chenodeoxycholic Acid Increases Human Brown Adipose Tissue Activity. Cell Metabolism, 2015, 22, 418-426.	16.2	342
105	A new poly(1,3-trimethylene carbonate) film provides effective adhesion reduction after major abdominal surgery in a rat model. Surgery, 2015, 157, 1113-1120.	1.9	18
106	Postoperative abdominal adhesions and bowel obstruction. A survey among Dutch general practitioners. European Journal of General Practice, 2015, 21, 176-182.	2.0	10
107	Endoscopic gastric volume reduction with a novel articulating plication device is safe and effective in the treatment of obesity (with video). Gastrointestinal Endoscopy, 2015, 81, 312-320.	1.0	43
108	Structural Endoscopic Techniques to Treat Obesity: A Review. Surgical Technology International, 2015, 26, 84-91.	0.2	5

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109	Electrical Stimulation Therapy for Gastroesophageal Reflux Disease. Journal of Neurogastroenterology and Motility, 2014, 20, 287-293.	2.4	11
110	Application of a New Dye for Near-Infrared Fluorescence Laparoscopy of the Ureters. Diseases of the Colon and Rectum, 2014, 57, 407-411.	1.3	29
111	Fluorescence cholangiography during laparoscopic cholecystectomy: a feasibility study on early biliary tract delineation. Surgical Endoscopy and Other Interventional Techniques, 2013, 27, 1530-1536.	2.4	76
112	Assessing Textbook Outcome After Implementation of Transversus Abdominis Release in a Regional Hospital. , 0, 1, .		2