

Ara Darzi

List of Publications by Year in descending order

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Version: 2024-02-01

1,089
papers

51,025
citations

1531

109
h-index

5481

169
g-index

1190
all docs

1190
docs citations

1190
times ranked

51810
citing authors

#	ARTICLE	IF	CITATIONS
1	International evaluation of an AI system for breast cancer screening. <i>Nature</i> , 2020, 577, 89-94.	13.7	1,458
2	Systematic review of the application of the planâ€“doâ€“studyâ€“act method to improve quality in healthcare. <i>BMJ Quality and Safety</i> , 2014, 23, 290-298.	1.8	1,082
3	Preparing for Precision Medicine. <i>New England Journal of Medicine</i> , 2012, 366, 489-491.	13.9	579
4	Intraoperative Tissue Identification Using Rapid Evaporative Ionization Mass Spectrometry. <i>Science Translational Medicine</i> , 2013, 5, 194ra93.	5.8	488
5	Effect of sleep deprivation on surgeons' dexterity on laparoscopy simulator. <i>Lancet, The</i> , 1998, 352, 1191.	6.3	426
6	Metabolic surgery profoundly influences gut microbial-host metabolic cross-talk. <i>Gut</i> , 2011, 60, 1214-1223.	6.1	391
7	Proving the Effectiveness of Virtual Reality Simulation for Training in Laparoscopic Surgery. <i>Annals of Surgery</i> , 2007, 246, 771-779.	2.1	388
8	The use of electromagnetic motion tracking analysis to objectively measure open surgical skill in the laboratory-based model 1 1No competing interests declared.. <i>Journal of the American College of Surgeons</i> , 2001, 193, 479-485.	0.2	374
9	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. <i>Nature Medicine</i> , 2020, 26, 1364-1374.	15.2	353
10	The effects of stress on surgical performance. <i>American Journal of Surgery</i> , 2006, 191, 5-10.	0.9	337
11	Reduction in Adhesive Small-Bowel Obstruction by SeprafilmÂ® Adhesion Barrier After Intestinal Resection. <i>Diseases of the Colon and Rectum</i> , 2006, 49, 1-11.	0.7	325
12	Prospective evaluation of laparoscopic-assisted colectomy in an unselected group of patients. <i>Lancet, The</i> , 1992, 340, 831-833.	6.3	317
13	A Comparison of Hand-Sewn Versus Stapled Ileal Pouch Anal Anastomosis (IPAA) Following Proctocolectomy. <i>Annals of Surgery</i> , 2006, 244, 18-26.	2.1	317
14	Is minimally invasive surgery beneficial in the management of esophageal cancer? A meta-analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010, 24, 1621-1629.	1.3	316
15	Technologies for global health. <i>Lancet, The</i> , 2012, 380, 507-535.	6.3	311
16	Simulation and clinical practice: strengthening the relationship. <i>Medical Education</i> , 2004, 38, 1095-1102.	1.1	310
17	Soft Robotics in Minimally Invasive Surgery. <i>Soft Robotics</i> , 2019, 6, 423-443.	4.6	308
18	Laparoscopic virtual reality and box trainers: is one superior to the other?. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004, 18, 485-494.	1.3	303

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19	The Impact of Nontechnical Skills on Technical Performance in Surgery: A Systematic Review. <i>Journal of the American College of Surgeons</i> , 2012, 214, 214-230.	0.2	302
20	An Evidence-Based Virtual Reality Training Program for Novice Laparoscopic Surgeons. <i>Annals of Surgery</i> , 2006, 244, 310-314.	2.1	294
21	Diagnostic accuracy of deep learning in medical imaging: a systematic review and meta-analysis. <i>Npj Digital Medicine</i> , 2021, 4, 65.	5.7	294
22	Laparoscopic Versus Open Appendectomy in Children. <i>Annals of Surgery</i> , 2006, 243, 17-27.	2.1	285
23	Emotional intelligence in medicine: a systematic review through the context of the ACGME competencies. <i>Medical Education</i> , 2010, 44, 749-764.	1.1	282
24	Do Safety Checklists Improve Teamwork and Communication in the Operating Room? A Systematic Review. <i>Annals of Surgery</i> , 2013, 258, 856-871.	2.1	260
25	Diffuse optical imaging of the healthy and diseased breast: A systematic review. <i>Breast Cancer Research and Treatment</i> , 2008, 108, 9-22.	1.1	251
26	Dexterity enhancement with robotic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004, 18, 790-5.	1.3	250
27	The relationship between motion analysis and surgical technical assessments. <i>American Journal of Surgery</i> , 2002, 184, 70-73.	0.9	248
28	Harnessing the cloud of patient experience: using social media to detect poor quality healthcare: Table A1. <i>BMJ Quality and Safety</i> , 2013, 22, 251-255.	1.8	239
29	An innovative model for teaching and learning clinical procedures. <i>Medical Education</i> , 2002, 36, 628-634.	1.1	232
30	Smartphones let surgeons know WhatsApp: an analysis of communication in emergency surgical teams. <i>American Journal of Surgery</i> , 2015, 209, 45-51.	0.9	231
31	Use of Sentiment Analysis for Capturing Patient Experience From Free-Text Comments Posted Online. <i>Journal of Medical Internet Research</i> , 2013, 15, e239.	2.1	229
32	Catastrophizing: a predictive factor for postoperative pain. <i>American Journal of Surgery</i> , 2011, 201, 122-131.	0.9	228
33	Technical-Skills Training in the 21st Century. <i>New England Journal of Medicine</i> , 2006, 355, 2695-2696.	13.9	226
34	Skill transfer from virtual reality to a real laparoscopic task. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2001, 15, 1076-1079.	1.3	225
35	Does Sleeve Gastrectomy Expose the Distal Esophagus to Severe Reflux?. <i>Annals of Surgery</i> , 2020, 271, 257-265.	2.1	220
36	The effect of a second-generation 3D endoscope on the laparoscopic precision of novices and experienced surgeons. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1999, 13, 1087-1092.	1.3	215

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37	A Human Factors Analysis of Technical and Team Skills Among Surgical Trainees During Procedural Simulations in a Simulated Operating Theatre. <i>Annals of Surgery</i> , 2005, 242, 631-639.	2.1	214
38	Effects of Bariatric Surgery on Cardiovascular Function. <i>Circulation</i> , 2008, 118, 2091-2102.	1.6	211
39	Development of a virtual reality training curriculum for laparoscopic cholecystectomy. <i>British Journal of Surgery</i> , 2009, 96, 1086-1093.	0.1	211
40	Characteristics and predictors of acute and chronic post-COVID syndrome: A systematic review and meta-analysis. <i>EClinicalMedicine</i> , 2021, 36, 100899.	3.2	211
41	Bariatric Surgery and Non-Alcoholic Fatty Liver Disease: a Systematic Review of Liver Biochemistry and Histology. <i>Obesity Surgery</i> , 2015, 25, 2280-2289.	1.1	205
42	Minimal Access Aortic Valve Replacement: Is It Worth It?. <i>Annals of Thoracic Surgery</i> , 2008, 85, 1121-1131.	0.7	200
43	Multidisciplinary Crisis Simulations: The Way Forward for Training Surgical Teams. <i>World Journal of Surgery</i> , 2007, 31, 1843-1853.	0.8	199
44	The use of Lean and Six Sigma methodologies in surgery: A systematic review. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2015, 13, 91-100.	0.8	199
45	Primary Resection With Anastomosis vs . Hartmann's Procedure in Nonelective Surgery for Acute Colonic Diverticulitis: A Systematic Review. <i>Diseases of the Colon and Rectum</i> , 2006, 49, 966-981.	0.7	198
46	Persistent COVID-19 symptoms in a community study of 606,434 people in England. <i>Nature Communications</i> , 2022, 13, 1957.	5.8	198
47	Reliability of a revised NOTECHS scale for use in surgical teams. <i>American Journal of Surgery</i> , 2008, 196, 184-190.	0.9	196
48	Mental Practice Enhances Surgical Technical Skills. <i>Annals of Surgery</i> , 2011, 253, 265-270.	2.1	196
49	A Qualitative Evaluation of the Barriers and Facilitators Toward Implementation of the WHO Surgical Safety Checklist Across Hospitals in England. <i>Annals of Surgery</i> , 2015, 261, 81-91.	2.1	196
50	Successful strategies in implementing a multidisciplinary team working in the care of patients with cancer: an overview and synthesis of the available literature. <i>Journal of Multidisciplinary Healthcare</i> , 2018, Volume 11, 49-61.	1.1	194
51	A competency-based virtual reality training curriculum for the acquisition of laparoscopic psychomotor skill. <i>American Journal of Surgery</i> , 2006, 191, 128-133.	0.9	192
52	A systematic review to identify the factors that affect failure to rescue and Escalation of care in surgery. <i>Surgery</i> , 2015, 157, 752-763.	1.0	187
53	Virtual Reality Simulation Training can Improve Inexperienced Surgeons' Endovascular Skills. <i>European Journal of Vascular and Endovascular Surgery</i> , 2006, 31, 588-593.	0.8	185
54	Does temporal discounting explain unhealthy behavior? A systematic review and reinforcement learning perspective. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 76.	1.0	185

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55	Teamwork in the operating theatre: cohesion or confusion?. <i>Journal of Evaluation in Clinical Practice</i> , 2006, 12, 182-189.	0.9	183
56	Diagnostic Accuracy of Intraoperative Techniques for Margin Assessment in Breast Cancer Surgery. <i>Annals of Surgery</i> , 2017, 265, 300-310.	2.1	180
57	Observational Teamwork Assessment for Surgery (OTAS): Refinement and Application in Urological Surgery. <i>World Journal of Surgery</i> , 2007, 31, 1373-1381.	0.8	176
58	Consensus statement on the multidisciplinary management of patients with recurrent and primary rectal cancer beyond total mesorectal excision planes. <i>British Journal of Surgery</i> , 2013, 100, 1009-1014.	0.1	175
59	The Human Face of Simulation: Patient-Focused Simulation Training. <i>Academic Medicine</i> , 2006, 81, 919-924.	0.8	174
60	Adhesions after abdominal surgery: a systematic review of the incidence, distribution and severity. <i>Surgery Today</i> , 2014, 44, 405-420.	0.7	170
61	Hand-Assisted Laparoscopic Surgery (HALS) With the HandPort System. <i>Annals of Surgery</i> , 2000, 231, 715-723.	2.1	169
62	SARS-CoV-2 antibody prevalence in England following the first peak of the pandemic. <i>Nature Communications</i> , 2021, 12, 905.	5.8	168
63	Operative Strategies for Diverticular Peritonitis. <i>Annals of Surgery</i> , 2007, 245, 94-103.	2.1	166
64	A systematic review of enhanced recovery care after colorectal surgery in elderly patients. <i>Colorectal Disease</i> , 2014, 16, 947-956.	0.7	166
65	Developing specific reporting guidelines for diagnostic accuracy studies assessing AI interventions: The STARD-AI Steering Group. <i>Nature Medicine</i> , 2020, 26, 807-808.	15.2	166
66	The learning curve for a colonoscopy simulator in the absence of any feedback: No feedback, no learning. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004, 18, 1224-1230.	1.3	165
67	Chemokine expression is associated with the accumulation of tumour associated macrophages (TAMs) and progression in human colorectal cancer. <i>Clinical and Experimental Metastasis</i> , 2007, 24, 121-130.	1.7	163
68	Medication Adherence Apps: Review and Content Analysis. <i>JMIR MHealth and UHealth</i> , 2018, 6, e62.	1.8	162
69	Qualitative and quantitative analysis of the learning curve of a simulated surgical task on the da Vinci system. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004, 18, 372-378.	1.3	159
70	Eye tracking for skills assessment and training: a systematic review. <i>Journal of Surgical Research</i> , 2014, 191, 169-178.	0.8	158
71	Rapid evaporative ionisation mass spectrometry of electrosurgical vapours for the identification of breast pathology: towards an intelligent knife for breast cancer surgery. <i>Breast Cancer Research</i> , 2017, 19, 59.	2.2	157
72	The effect of microgrooved culture substrates on calcium cycling of cardiac myocytes derived from human induced pluripotent stem cells. <i>Biomaterials</i> , 2013, 34, 2399-2411.	5.7	154

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73	Toward Feasible, Valid, and Reliable Video-Based Assessments of Technical Surgical Skills in the Operating Room. <i>Annals of Surgery</i> , 2008, 247, 372-379.	2.1	153
74	Objective Structured Assessment of Debriefing. <i>Annals of Surgery</i> , 2012, 256, 982-988.	2.1	149
75	Bariatric Surgery or Non-Surgical Weight Loss for Obstructive Sleep Apnoea? A Systematic Review and Comparison of Meta-analyses. <i>Obesity Surgery</i> , 2015, 25, 1239-1250.	1.1	149
76	Framework for Systematic Training and Assessment of Technical Skills. <i>Journal of the American College of Surgeons</i> , 2007, 204, 697-705.	0.2	148
77	The benefits of stereoscopic vision in robotic-assisted performance on bench models. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004, 18, 611-616.	1.3	147
78	Factors compromising safety in surgery: stressful events in the operating room. <i>American Journal of Surgery</i> , 2010, 199, 60-65.	0.9	145
79	Practice distribution in procedural skills training. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2002, 16, 957-961.	1.3	144
80	Measuring Variation in Use of the WHO Surgical Safety Checklist in the Operating Room: A Multicenter Prospective Cross-Sectional Study. <i>Journal of the American College of Surgeons</i> , 2015, 220, 1-11e4.	0.2	143
81	Diagnostic precision of CT in local staging of colon cancers: a meta-analysis. <i>Clinical Radiology</i> , 2010, 65, 708-719.	0.5	142
82	Deliberate Practice on a Virtual Reality Laparoscopic Simulator Enhances the Quality of Surgical Technical Skills. <i>Annals of Surgery</i> , 2011, 253, 1216-1222.	2.1	142
83	Complexity, risk and simulation in learning procedural skills. <i>Medical Education</i> , 2007, 41, 808-814.	1.1	141
84	Consensus statement on the multidisciplinary management of patients with recurrent and primary rectal cancer beyond total mesorectal excision planes. <i>British Journal of Surgery</i> , 2013, 100, E1-E33.	0.1	140
85	Changing health behaviors using financial incentives: a review from behavioral economics. <i>BMC Public Health</i> , 2019, 19, 1059.	1.2	140
86	Surgical Crisis Management Skills Training and Assessment. <i>Annals of Surgery</i> , 2006, 244, 139-147.	2.1	137
87	An Evaluation of the Feasibility, Validity, and Reliability of Laparoscopic Skills Assessment in the Operating Room. <i>Annals of Surgery</i> , 2007, 245, 992-999.	2.1	136
88	Relationship between skill and outcome in the laboratory-based model. <i>Surgery</i> , 2002, 131, 318-323.	1.0	135
89	Using multimedia and Web3D to enhance anatomy teaching. <i>Computers and Education</i> , 2007, 49, 32-53.	5.1	135
90	The first decade of robotic surgery in children. <i>Journal of Pediatric Surgery</i> , 2013, 48, 858-865.	0.8	135

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91	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. <i>The Lancet Digital Health</i> , 2020, 2, e549-e560.	5.9	135
92	Metabolic surgery and cancer. <i>Cancer</i> , 2011, 117, 1788-1799.	2.0	134
93	Spatially Resolved Metabolic Phenotyping of Breast Cancer by Desorption Electrospray Ionization Mass Spectrometry. <i>Cancer Research</i> , 2015, 75, 1828-1837.	0.4	134
94	Observational Assessment of Surgical Teamwork: A Feasibility Study. <i>World Journal of Surgery</i> , 2006, 30, 1774-1783.	0.8	133
95	Observational Teamwork Assessment for Surgery. <i>Annals of Surgery</i> , 2009, 249, 1047-1051.	2.1	133
96	The role of single-incision laparoscopic surgery in abdominal and pelvic surgery: a systematic review. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 378-396.	1.3	133
97	Clinical and laboratory evaluation of SARS-CoV-2 lateral flow assays for use in a national COVID-19 seroprevalence survey. <i>Thorax</i> , 2020, 75, 1082-1088.	2.7	133
98	Stress impairs psychomotor performance in novice laparoscopic surgeons. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010, 24, 2588-2593.	1.3	130
99	Patient-Safety-Related Hospital Deaths in England: Thematic Analysis of Incidents Reported to a National Database, 2010â€“2012. <i>PLoS Medicine</i> , 2014, 11, e1001667.	3.9	130
100	Reopening schools during the COVID-19 pandemic: governments must balance the uncertainty and risks of reopening schools against the clear harms associated with prolonged closure. <i>Archives of Disease in Childhood</i> , 2021, 106, 111-113.	1.0	130
101	The ownership and clinical use of smartphones by doctors and nurses in the UK: a multicentre survey study. <i>BMJ Innovations</i> , 2015, 1, 174-181.	1.0	129
102	Recombinant Activated Factor VII in Cardiac Surgery: A Systematic Review. <i>Annals of Thoracic Surgery</i> , 2007, 83, 707-714.	0.7	124
103	A Randomized Controlled Study to Evaluate the Role of Video-based Coaching in Training Laparoscopic Skills. <i>Annals of Surgery</i> , 2015, 261, 862-869.	2.1	123
104	The human gut microbiome: Implications for future health care. <i>Current Gastroenterology Reports</i> , 2008, 10, 396-403.	1.1	122
105	Smartphone breast applications â€“ What's the evidence?. <i>Breast</i> , 2014, 23, 683-689.	0.9	122
106	Motion analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2002, 16, 640-645.	1.3	120
107	Virtual reality simulation training can improve technical skills during laparoscopic salpingectomy for ectopic pregnancy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2006, 113, 1382-1387.	1.1	120
108	Chemo-informatic strategy for imaging mass spectrometry-based hyperspectral profiling of lipid signatures in colorectal cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1216-1221.	3.3	120

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109	The Theory and Practice of "Nudging": Changing Health Behaviors. <i>Public Administration Review</i> , 2016, 76, 550-561.	2.9	120
110	Sentiment Analysis of Health Care Tweets: Review of the Methods Used. <i>JMIR Public Health and Surveillance</i> , 2018, 4, e43.	1.2	120
111	The effect of stress-inducing conditions on the performance of a laparoscopic task. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2003, 17, 1481-1484.	1.3	119
112	Surgical Checklist Implementation Project. <i>Annals of Surgery</i> , 2016, 263, 58-63.	2.1	118
113	The Effects of Bariatric Surgery on Cardiac Structure and Function: a Systematic Review of Cardiac Imaging Outcomes. <i>Obesity Surgery</i> , 2016, 26, 1030-1040.	1.1	118
114	Meta-analysis of robot-assisted vs conventional laparoscopic and open pyeloplasty in children. <i>BJU International</i> , 2014, 114, 582-594.	1.3	115
115	Distributed simulation " Accessible immersive training. <i>Medical Teacher</i> , 2010, 32, 65-70.	1.0	114
116	Eye-tracking technology in medical education: A systematic review. <i>Medical Teacher</i> , 2018, 40, 62-69.	1.0	113
117	Meta-analysis of survival based on resection margin status following surgery for recurrent rectal cancer. <i>Colorectal Disease</i> , 2012, 14, 1457-1466.	0.7	112
118	Exponential growth, high prevalence of SARS-CoV-2, and vaccine effectiveness associated with the Delta variant. <i>Science</i> , 2021, 374, eabl9551.	6.0	111
119	Recent advances in minimal access surgery. <i>BMJ: British Medical Journal</i> , 2002, 324, 31-34.	2.4	110
120	Assessing procedural skills in context: exploring the feasibility of an Integrated Procedural Performance Instrument (IPPI). <i>Medical Education</i> , 2006, 40, 1105-1114.	1.1	110
121	Annoyances, Disruptions, and Interruptions in Surgery: The Disruptions in Surgery Index (DiSI). <i>World Journal of Surgery</i> , 2008, 32, 1643-1650.	0.8	110
122	Systematic Review of Learning Curves for Minimally Invasive Abdominal Surgery. <i>Annals of Surgery</i> , 2014, 260, 37-45.	2.1	107
123	Endovascular skills training and assessment. <i>Journal of Vascular Surgery</i> , 2007, 46, 1055-1064.	0.6	105
124	Deranged smooth muscle α -actin as a biomarker of intestinal pseudo-obstruction: a controlled multinational case series. <i>Gut</i> , 2004, 53, 1583-1589.	6.1	103
125	Mental Practice: Effective Stress Management Training for Novice Surgeons. <i>Journal of the American College of Surgeons</i> , 2011, 212, 225-233.	0.2	103
126	¹ H HR-MAS NMR Spectroscopy of Tumor-Induced Local Metabolic "Field-Effects" Enables Colorectal Cancer Staging and Prognostication. <i>Journal of Proteome Research</i> , 2013, 12, 959-968.	1.8	103

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127	Human Induced Pluripotent Stem Cell-Derived Cardiomyocyte Encapsulating Bioactive Hydrogels Improve Rat Heart Function Post Myocardial Infarction. <i>Stem Cell Reports</i> , 2017, 9, 1415-1422.	2.3	103
128	Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-AI protocol. <i>BMJ Open</i> , 2021, 11, e047709.	0.8	102
129	The Imperial Stress Assessment Tool (ISAT): A Feasible, Reliable and Valid Approach to Measuring Stress in the Operating Room. <i>World Journal of Surgery</i> , 2010, 34, 1756-1763.	0.8	101
130	Operation Debrief. <i>Annals of Surgery</i> , 2013, 258, 958-963.	2.1	101
131	Functional results two years after laparoscopic rectopexy. <i>American Journal of Surgery</i> , 2001, 182, 168-173.	0.9	100
132	A Comparison of Open vs. Laparoscopic Abdominal Rectopexy for Full-Thickness Rectal Prolapse: A Meta-Analysis. <i>Diseases of the Colon and Rectum</i> , 2005, 48, 1930-1940.	0.7	100
133	International recommendations for national patient safety incident reporting systems: an expert Delphi consensus-building process. <i>BMJ Quality and Safety</i> , 2017, 26, 150-163.	1.8	100
134	The evolution of robotic surgery: surgical and anaesthetic aspects. <i>British Journal of Anaesthesia</i> , 2017, 119, i72-i84.	1.5	100
135	Avoidability of hospital deaths and association with hospital-wide mortality ratios: retrospective case record review and regression analysis. <i>BMJ</i> , The, 2015, 351, h3239.	3.0	99
136	Rapid increase in Omicron infections in England during December 2021: REACT-1 study. <i>Science</i> , 2022, 375, 1406-1411.	6.0	99
137	Intraoperative radiotherapy in colorectal cancer: Systematic review and meta-analysis of techniques, long-term outcomes, and complications. <i>Surgical Oncology</i> , 2013, 22, 22-35.	0.8	98
138	Chemical mapping of the colorectal cancer microenvironment via MALDI imaging mass spectrometry (MALDI-IMS) reveals novel cancer-associated field effects. <i>Molecular Oncology</i> , 2014, 8, 39-49.	2.1	95
139	Development and validation of mental practice as a training strategy for laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010, 24, 179-187.	1.3	94
140	Associations between internet-based patient ratings and conventional surveys of patient experience in the English NHS: an observational study. <i>BMJ Quality and Safety</i> , 2012, 21, 600-605.	1.8	94
141	Laparoscopic vs open approach to resection of hepatocellular carcinoma in patients with known cirrhosis: Systematic review and meta-analysis. <i>World Journal of Gastroenterology</i> , 2014, 20, 8274.	1.4	94
142	Population antibody responses following COVID-19 vaccination in 212,102 individuals. <i>Nature Communications</i> , 2022, 13, 907.	5.8	94
143	The challenge of objective assessment of surgical skill. <i>American Journal of Surgery</i> , 2001, 181, 484-486.	0.9	93
144	Surgery for local recurrence of rectal cancer. <i>Colorectal Disease</i> , 2006, 8, 733-747.	0.7	93

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145	Can Patient Safety Incident Reports Be Used to Compare Hospital Safety? Results from a Quantitative Analysis of the English National Reporting and Learning System Data. PLoS ONE, 2015, 10, e0144107.	1.1	93
146	REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study protocol. Wellcome Open Research, 2020, 5, 200.	0.9	93
147	Modern management of systolic anterior motion of the mitral valve. European Journal of Cardio-thoracic Surgery, 2012, 41, 1260-1270.	0.6	92
148	Which Hemostatic Device in Thyroid Surgery? A Network Meta-Analysis of Surgical Technologies. Thyroid, 2013, 23, 1138-1150.	2.4	92
149	A novel methodology for in vivo endoscopic phenotyping of colorectal cancer based on real-time analysis of the mucosal lipidome: a prospective observational study of the iKnife. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 1361-1370.	1.3	92
150	â€œTest, re-test, re-testâ€™: using inaccurate tests to greatly increase the accuracy of COVID-19 testing. Nature Medicine, 2020, 26, 810-811.	15.2	92
151	Self-assessment of performance among surgical trainees during simulated procedures in a simulated operating theater. American Journal of Surgery, 2006, 192, 114-118.	0.9	91
152	Survival Outcome of Local Excision versus Radical Resection of Colon or Rectal Carcinoma. Annals of Surgery, 2013, 258, 563-571.	2.1	91
153	Meta-analysis of determinants of survival following treatment of recurrent hepatocellular carcinoma. British Journal of Surgery, 2017, 104, 1433-1442.	0.1	91
154	Resurgence of SARS-CoV-2: Detection by community viral surveillance. Science, 2021, 372, 990-995.	6.0	91
155	Prevalence of antibody positivity to SARS-CoV-2 following the first peak of infection in England: Serial cross-sectional studies of 365,000 adults. Lancet Regional Health - Europe, The, 2021, 4, 100098.	3.0	91
156	Bimodal assessment of laparoscopic suturing skills. Surgical Endoscopy and Other Interventional Techniques, 2004, 18, 1608-1612.	1.3	90
157	Is the structure of anatomy curriculum adequate for safe medical practice?. Journal of the Royal College of Surgeons of Edinburgh, 2010, 8, 318-324.	0.8	90
158	Meta-analysis: sacral nerve stimulation versus conservative therapy in the treatment of faecal incontinence. International Journal of Colorectal Disease, 2011, 26, 275-294.	1.0	90
159	Clinical outcome following <scp>D</scp>opplerâ€œguided haemorrhoidal artery ligation: a systematic review. Colorectal Disease, 2013, 15, e284-94.	0.7	90
160	Radical surgery versus organ preservation via short-course radiotherapy followed by transanal endoscopic microsurgery for early-stage rectal cancer (TREC): a randomised, open-label feasibility study. The Lancet Gastroenterology and Hepatology, 2021, 6, 92-105.	3.7	90
161	Laparoscopic cholecystectomy versus mini-laparotomy cholecystectomy: a meta-analysis of randomised control trials. Surgical Endoscopy and Other Interventional Techniques, 2007, 21, 1294-1300.	1.3	89
162	Robotic assisted rectopexy. American Journal of Surgery, 2004, 187, 88-92.	0.9	88

#	ARTICLE	IF	CITATIONS
163	The role of simulation in surgical training. <i>Annals of the Royal College of Surgeons of England</i> , 2000, 82, 88-94.	0.3	88
164	Metabolic surgery and obstructive sleep apnoea: the protective effects of bariatric procedures. <i>Thorax</i> , 2012, 67, 442-449.	2.7	87
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