

Ara Darzi

List of Publications by Year in descending order

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Version: 2024-02-01

1,089
papers

51,025
citations

1299

109
h-index

4770

169
g-index

1190
all docs

1190
docs citations

1190
times ranked

48522
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 plan-do-act study 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 No 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 Seprafilm® 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

#	ARTICLE	IF	CITATIONS
19	The Impact of Nontechnical Skills on Technical Performance in Surgery: A Systematic Review. Journal of the American College of Surgeons, 2012, 214, 214-230.	0.2	302
20	An Evidence-Based Virtual Reality Training Program for Novice Laparoscopic Surgeons. Annals of Surgery, 2006, 244, 310-314.	2.1	294
21	Diagnostic accuracy of deep learning in medical imaging: a systematic review and meta-analysis. Npj Digital Medicine, 2021, 4, 65.	5.7	294
22	Laparoscopic Versus Open Appendectomy in Children. Annals of Surgery, 2006, 243, 17-27.	2.1	285
23	Emotional intelligence in medicine: a systematic review through the context of the ACGME competencies. Medical Education, 2010, 44, 749-764.	1.1	282
24	Do Safety Checklists Improve Teamwork and Communication in the Operating Room? A Systematic Review. Annals of Surgery, 2013, 258, 856-871.	2.1	260
25	Diffuse optical imaging of the healthy and diseased breast: A systematic review. Breast Cancer Research and Treatment, 2008, 108, 9-22.	1.1	251
26	Dexterity enhancement with robotic surgery. Surgical Endoscopy and Other Interventional Techniques, 2004, 18, 790-5.	1.3	250
27	The relationship between motion analysis and surgical technical assessments. American Journal of Surgery, 2002, 184, 70-73.	0.9	248
28	Harnessing the cloud of patient experience: using social media to detect poor quality healthcare: Table A1. BMJ Quality and Safety, 2013, 22, 251-255.	1.8	239
29	An innovative model for teaching and learning clinical procedures. Medical Education, 2002, 36, 628-634.	1.1	232
30	Smartphones let surgeons know WhatsApp: an analysis of communication in emergency surgical teams. American Journal of Surgery, 2015, 209, 45-51.	0.9	231
31	Use of Sentiment Analysis for Capturing Patient Experience From Free-Text Comments Posted Online. Journal of Medical Internet Research, 2013, 15, e239.	2.1	229
32	Catastrophizing: a predictive factor for postoperative pain. American Journal of Surgery, 2011, 201, 122-131.	0.9	228
33	Technical-Skills Training in the 21st Century. New England Journal of Medicine, 2006, 355, 2695-2696.	13.9	226
34	Skill transfer from virtual reality to a real laparoscopic task. Surgical Endoscopy and Other Interventional Techniques, 2001, 15, 1076-1079.	1.3	225
35	Does Sleeve Gastrectomy Expose the Distal Esophagus to Severe Reflux?. Annals of Surgery, 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. Surgical Endoscopy and Other Interventional Techniques, 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?. Journal of Evaluation in Clinical Practice, 2006, 12, 182-189.	0.9	183
56	Diagnostic Accuracy of Intraoperative Techniques for Margin Assessment in Breast Cancer Surgery. Annals of Surgery, 2017, 265, 300-310.	2.1	180
57	Observational Teamwork Assessment for Surgery (OTAS): Refinement and Application in Urological Surgery. World Journal of Surgery, 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. British Journal of Surgery, 2013, 100, 1009-1014.	0.1	175
59	The Human Face of Simulation: Patient-Focused Simulation Training. Academic Medicine, 2006, 81, 919-924.	0.8	174
60	Adhesions after abdominal surgery: a systematic review of the incidence, distribution and severity. Surgery Today, 2014, 44, 405-420.	0.7	170
61	Hand-Assisted Laparoscopic Surgery (HALS) With the HandPort System. Annals of Surgery, 2000, 231, 715-723.	2.1	169
62	SARS-CoV-2 antibody prevalence in England following the first peak of the pandemic. Nature Communications, 2021, 12, 905.	5.8	168
63	Operative Strategies for Diverticular Peritonitis. Annals of Surgery, 2007, 245, 94-103.	2.1	166
64	A systematic review of enhanced recovery care after colorectal surgery in elderly patients. Colorectal Disease, 2014, 16, 947-956.	0.7	166
65	Developing specific reporting guidelines for diagnostic accuracy studies assessing AI interventions: The STARD-AI Steering Group. Nature Medicine, 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. Surgical Endoscopy and Other Interventional Techniques, 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. Clinical and Experimental Metastasis, 2007, 24, 121-130.	1.7	163
68	Medication Adherence Apps: Review and Content Analysis. JMIR MHealth and UHealth, 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. Surgical Endoscopy and Other Interventional Techniques, 2004, 18, 372-378.	1.3	159
70	Eye tracking for skills assessment and training: a systematic review. Journal of Surgical Research, 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. Breast Cancer Research, 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. Biomaterials, 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 Å-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	1H 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. Stem Cell Reports, 2017, 9, 1415-1422.	2.3	103
128	Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-AI protocol. BMJ Open, 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. World Journal of Surgery, 2010, 34, 1756-1763.	0.8	101
130	Operation Debrief. Annals of Surgery, 2013, 258, 958-963.	2.1	101
131	Functional results two years after laparoscopic rectopexy. American Journal of Surgery, 2001, 182, 168-173.	0.9	100
132	A Comparison of Open vs. Laparoscopic Abdominal Rectopexy for Full-Thickness Rectal Prolapse: A Meta-Analysis. Diseases of the Colon and Rectum, 2005, 48, 1930-1940.	0.7	100
133	International recommendations for national patient safety incident reporting systems: an expert Delphi consensus-building process. BMJ Quality and Safety, 2017, 26, 150-163.	1.8	100
134	The evolution of robotic surgery: surgical and anaesthetic aspects. British Journal of Anaesthesia, 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. BMJ, The, 2015, 351, h3239.	3.0	99
136	Rapid increase in Omicron infections in England during December 2021: REACT-1 study. Science, 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. Surgical Oncology, 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. Molecular Oncology, 2014, 8, 39-49.	2.1	95
139	Development and validation of mental practice as a training strategy for laparoscopic surgery. Surgical Endoscopy and Other Interventional Techniques, 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. BMJ Quality and Safety, 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. World Journal of Gastroenterology, 2014, 20, 8274.	1.4	94
142	Population antibody responses following COVID-19 vaccination in 212,102 individuals. Nature Communications, 2022, 13, 907.	5.8	94
143	The challenge of objective assessment of surgical skill. American Journal of Surgery, 2001, 181, 484-486.	0.9	93
144	Surgery for local recurrence of rectal cancer. Colorectal Disease, 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 <sc>D</sc>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

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163	The role of simulation in surgical training. Annals of the Royal College of Surgeons of England, 2000, 82, 88-94.	0.3	88
164	Metabolic surgery and obstructive sleep apnoea: the protective effects of bariatric procedures. Thorax, 2012, 67, 442-449.	2.7	87
165	Cybersecurity and healthcare: how safe are we?. BMJ: British Medical Journal, 2017, 358, j3179.	2.4	85
166	Late-onset deep prosthetic infection following mesh repair of inguinal hernia. American Journal of Surgery, 1998, 176, 12-14.	0.9	84
167	Comparison of bench test evaluations of surgical skill with live operating performance assessments. Journal of the American College of Surgeons, 2004, 199, 603-606.	0.2	84
168	Heparin-bonded circuits versus nonheparin-bonded circuits: an evaluation of their effect on clinical outcomes. European Journal of Cardio-thoracic Surgery, 2007, 31, 1058-1069.	0.6	84
169	Effect of Skeletonization of the Internal Thoracic Artery for Coronary Revascularization on the Incidence of Sternal Wound Infection. Annals of Thoracic Surgery, 2010, 89, 661-670.	0.7	84
170	Differences in gaze behaviour of expert and junior surgeons performing open inguinal hernia repair. Surgical Endoscopy and Other Interventional Techniques, 2015, 29, 405-413.	1.3	84
171	Does the ultrasonically activated scalpel release viable airborne cancer cells?. Surgical Endoscopy and Other Interventional Techniques, 1998, 12, 1031-1034.	1.3	83
172	The surgical efficiency score: a feasible, reliable, and valid method of skills assessment. American Journal of Surgery, 2006, 192, 372-378.	0.9	83
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