

Ara Darzi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

1,060
papers

36,803
citations

96
h-index

146
g-index

1,190
ext. papers

44,599
ext. citations

5.9
avg, IF

7.6
L-index

#	Paper	IF	Citations
1060	Systematic review of the application of the plan-do-study-act method to improve quality in healthcare. <i>BMJ Quality and Safety</i> , 2014 , 23, 290-8	5.4	733
1059	International evaluation of an AI system for breast cancer screening. <i>Nature</i> , 2020 , 577, 89-94	50.4	707
1058	Preparing for precision medicine. <i>New England Journal of Medicine</i> , 2012 , 366, 489-91	59.2	467
1057	Intraoperative tissue identification using rapid evaporative ionization mass spectrometry. <i>Science Translational Medicine</i> , 2013 , 5, 194ra93	17.5	384
1056	Effect of sleep deprivation on surgeons' dexterity on laparoscopy simulator. <i>Lancet, The</i> , 1998 , 352, 1191-4	10	351
1055	The use of electromagnetic motion tracking analysis to objectively measure open surgical skill in the laboratory-based model. <i>Journal of the American College of Surgeons</i> , 2001 , 193, 479-85	4.4	329
1054	Proving the effectiveness of virtual reality simulation for training in laparoscopic surgery. <i>Annals of Surgery</i> , 2007 , 246, 771-9	7.8	324
1053	Metabolic surgery profoundly influences gut microbial-host metabolic cross-talk. <i>Gut</i> , 2011 , 60, 1214-23	19.2	319
1052	Prospective evaluation of laparoscopic-assisted colectomy in an unselected group of patients. <i>Lancet, The</i> , 1992 , 340, 831-3	40	281
1051	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	3.1	272
1050	Laparoscopic virtual reality and box trainers: is one superior to the other?. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004 , 18, 485-94	5.2	271
1049	The effects of stress on surgical performance. <i>American Journal of Surgery</i> , 2006 , 191, 5-10	2.7	269
1048	Is minimally invasive surgery beneficial in the management of esophageal cancer? A meta-analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010 , 24, 1621-9	5.2	265
1047	Simulation and clinical practice: strengthening the relationship. <i>Medical Education</i> , 2004 , 38, 1095-102	3.7	263
1046	A comparison of hand-sewn versus stapled ileal pouch anal anastomosis (IPAA) following proctocolectomy: a meta-analysis of 4183 patients. <i>Annals of Surgery</i> , 2006 , 244, 18-26	7.8	257
1045	An evidence-based virtual reality training program for novice laparoscopic surgeons. <i>Annals of Surgery</i> , 2006 , 244, 310-4	7.8	256
1044	The impact of nontechnical skills on technical performance in surgery: a systematic review. <i>Journal of the American College of Surgeons</i> , 2012 , 214, 214-30	4.4	245

1043	Technologies for global health. <i>Lancet, The</i> , 2012 , 380, 507-35	40	238
1042	Laparoscopic versus open appendectomy in children: a meta-analysis. <i>Annals of Surgery</i> , 2006 , 243, 17-27.8		224
1041	The relationship between motion analysis and surgical technical assessments. <i>American Journal of Surgery</i> , 2002 , 184, 70-3	2.7	222
1040	Emotional intelligence in medicine: a systematic review through the context of the ACGME competencies. <i>Medical Education</i> , 2010 , 44, 749-64	3.7	205
1039	Skill transfer from virtual reality to a real laparoscopic task. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2001 , 15, 1076-9	5.2	200
1038	Diffuse optical imaging of the healthy and diseased breast: a systematic review. <i>Breast Cancer Research and Treatment</i> , 2008 , 108, 9-22	4.4	197
1037	Technical-skills training in the 21st century. <i>New England Journal of Medicine</i> , 2006 , 355, 2695-6	59.2	197
1036	Do safety checklists improve teamwork and communication in the operating room? A systematic review. <i>Annals of Surgery</i> , 2013 , 258, 856-71	7.8	196
1035	Development of a virtual reality training curriculum for laparoscopic cholecystectomy. <i>British Journal of Surgery</i> , 2009 , 96, 1086-93	5.3	195
1034	Dexterity enhancement with robotic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004 , 18, 790-5	5.2	193
1033	Smartphones let surgeons know WhatsApp: an analysis of communication in emergency surgical teams. <i>American Journal of Surgery</i> , 2015 , 209, 45-51	2.7	186
1032	An innovative model for teaching and learning clinical procedures. <i>Medical Education</i> , 2002 , 36, 628-34	3.7	186
1031	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, 631-9	7.8	182
1030	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, 1087-92	5.2	182
1029	Reliability of a revised NOTECHS scale for use in surgical teams. <i>American Journal of Surgery</i> , 2008 , 196, 184-90	2.7	181
1028	Catastrophizing: a predictive factor for postoperative pain. <i>American Journal of Surgery</i> , 2011 , 201, 122-317		180
1027	Effects of bariatric surgery on cardiovascular function. <i>Circulation</i> , 2008 , 118, 2091-102	16.7	174
1026	Multidisciplinary crisis simulations: the way forward for training surgical teams. <i>World Journal of Surgery</i> , 2007 , 31, 1843-1853	3.3	174

1025	Harnessing the cloud of patient experience: using social media to detect poor quality healthcare. <i>BMJ Quality and Safety</i> , 2013 , 22, 251-5	5.4	173
1024	A competency-based virtual reality training curriculum for the acquisition of laparoscopic psychomotor skill. <i>American Journal of Surgery</i> , 2006 , 191, 128-33	2.7	172
1023	Minimal access aortic valve replacement: is it worth it?. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 1121-31	2.7	168
1022	Teamwork in the operating theatre: cohesion or confusion?. <i>Journal of Evaluation in Clinical Practice</i> , 2006 , 12, 182-9	2.5	167
1021	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, 966-81	3.1	167
1020	Mental practice enhances surgical technical skills: a randomized controlled study. <i>Annals of Surgery</i> , 2011 , 253, 265-70	7.8	162
1019	Virtual reality simulation training can improve inexperienced surgeons' endovascular skills. <i>European Journal of Vascular and Endovascular Surgery</i> , 2006 , 31, 588-93	2.3	158
1018	Use of sentiment analysis for capturing patient experience from free-text comments posted online. <i>Journal of Medical Internet Research</i> , 2013 , 15, e239	7.6	156
1017	Bariatric Surgery and Non-Alcoholic Fatty Liver Disease: a Systematic Review of Liver Biochemistry and Histology. <i>Obesity Surgery</i> , 2015 , 25, 2280-9	3.7	153
1016	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	2.5	153
1015	Observational teamwork assessment for surgery (OTAS): refinement and application in urological surgery. <i>World Journal of Surgery</i> , 2007 , 31, 1373-81	3.3	152
1014	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, 1224-30	5.2	149
1013	Operative strategies for diverticular peritonitis: a decision analysis between primary resection and anastomosis versus Hartmann's procedures. <i>Annals of Surgery</i> , 2007 , 245, 94-103	7.8	146
1012	The human face of simulation: patient-focused simulation training. <i>Academic Medicine</i> , 2006 , 81, 919-24	3.9	146
1011	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, 121-30	4.7	144
1010	Hand-assisted laparoscopic surgery (HALS) with the HandPort system: initial experience with 68 patients. <i>Annals of Surgery</i> , 2000 , 231, 715-23	7.8	143
1009	Does temporal discounting explain unhealthy behavior? A systematic review and reinforcement learning perspective. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 76	3.5	141
1008	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, 372-8	5.2	140

1007	Soft Robotics in Minimally Invasive Surgery. <i>Soft Robotics</i> , 2019 , 6, 423-443	9.2	138
1006	Toward feasible, valid, and reliable video-based assessments of technical surgical skills in the operating room. <i>Annals of Surgery</i> , 2008 , 247, 372-9	7.8	136
1005	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. <i>Nature Medicine</i> , 2020 , 26, 1364-1374	50.5	136
1004	The benefits of stereoscopic vision in robotic-assisted performance on bench models. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004 , 18, 611-6	5.2	135
1003	A systematic review to identify the factors that affect failure to rescue and escalation of care in surgery. <i>Surgery</i> , 2015 , 157, 752-63	3.6	130
1002	A systematic review of enhanced recovery care after colorectal surgery in elderly patients. <i>Colorectal Disease</i> , 2014 , 16, 947-56	2.1	127
1001	Framework for systematic training and assessment of technical skills. <i>Journal of the American College of Surgeons</i> , 2007 , 204, 697-705	4.4	126
1000	An evaluation of the feasibility, validity, and reliability of laparoscopic skills assessment in the operating room. <i>Annals of Surgery</i> , 2007 , 245, 992-9	7.8	126
999	Practice distribution in procedural skills training: a randomized controlled trial. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2002 , 16, 957-61	5.2	125
998	A qualitative evaluation of the barriers and facilitators toward implementation of the WHO surgical safety checklist across hospitals in England: lessons from the "Surgical Checklist Implementation Project". <i>Annals of Surgery</i> , 2015 , 261, 81-91	7.8	124
997	Relationship between skill and outcome in the laboratory-based model. <i>Surgery</i> , 2002 , 131, 318-23	3.6	124
996	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, 1009-14	5.3	123
995	The effect of microgrooved culture substrates on calcium cycling of cardiac myocytes derived from human induced pluripotent stem cells. <i>Biomaterials</i> , 2013 , 34, 2399-411	15.6	123
994	Deliberate practice on a virtual reality laparoscopic simulator enhances the quality of surgical technical skills. <i>Annals of Surgery</i> , 2011 , 253, 1216-22	7.8	123
993	Factors compromising safety in surgery: stressful events in the operating room. <i>American Journal of Surgery</i> , 2010 , 199, 60-5	2.7	123
992	Diagnostic Accuracy of Intraoperative Techniques for Margin Assessment in Breast Cancer Surgery: A Meta-analysis. <i>Annals of Surgery</i> , 2017 , 265, 300-310	7.8	122
991	Objective structured assessment of debriefing: bringing science to the art of debriefing in surgery. <i>Annals of Surgery</i> , 2012 , 256, 982-8	7.8	122
990	Complexity, risk and simulation in learning procedural skills. <i>Medical Education</i> , 2007 , 41, 808-14	3.7	119

989	Observational assessment of surgical teamwork: a feasibility study. <i>World Journal of Surgery</i> , 2006 , 30, 1774-83	3.3	117
988	Observational teamwork assessment for surgery: construct validation with expert versus novice raters. <i>Annals of Surgery</i> , 2009 , 249, 1047-51	7.8	115
987	Does Sleeve Gastrectomy Expose the Distal Esophagus to Severe Reflux?: A Systematic Review and Meta-analysis. <i>Annals of Surgery</i> , 2020 , 271, 257-265	7.8	115
986	Surgical crisis management skills training and assessment: a simulation[corrected]-based approach to enhancing operating room performance. <i>Annals of Surgery</i> , 2006 , 244, 139-47	7.8	114
985	Metabolic surgery and cancer: protective effects of bariatric procedures. <i>Cancer</i> , 2011 , 117, 1788-99	6.4	113
984	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, 1239-50	3.7	112
983	Adhesions after abdominal surgery: a systematic review of the incidence, distribution and severity. <i>Surgery Today</i> , 2014 , 44, 405-20	3	112
982	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 , 11, 49-61	2.8	112
981	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, 378-96	5.2	111
980	Diagnostic precision of CT in local staging of colon cancers: a meta-analysis. <i>Clinical Radiology</i> , 2010 , 65, 708-19	2.9	110
979	Eye tracking for skills assessment and training: a systematic review. <i>Journal of Surgical Research</i> , 2014 , 191, 169-78	2.5	106
978	Stress impairs psychomotor performance in novice laparoscopic surgeons. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010 , 24, 2588-93	5.2	106
977	The human gut microbiome: implications for future health care. <i>Current Gastroenterology Reports</i> , 2008 , 10, 396-403	5	106
976	Recombinant activated factor VII in cardiac surgery: a systematic review. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 707-14	2.7	106
975	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, 1382-7	3.7	106
974	Spatially resolved metabolic phenotyping of breast cancer by desorption electrospray ionization mass spectrometry. <i>Cancer Research</i> , 2015 , 75, 1828-37	10.1	105
973	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	8.3	104
972	Motion analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2002 , 16, 640-5	5.2	103

971	Annoyances, disruptions, and interruptions in surgery: the Disruptions in Surgery Index (DiSI). <i>World Journal of Surgery</i> , 2008 , 32, 1643-50	3.3	101
970	Patient-safety-related hospital deaths in England: thematic analysis of incidents reported to a national database, 2010-2012. <i>PLoS Medicine</i> , 2014 , 11, e1001667	11.6	99
969	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, 1216-21	11.5	99
968	Using multimedia and Web3D to enhance anatomy teaching. <i>Computers and Education</i> , 2007 , 49, 32-53	9.5	99
967	The effect of stress-inducing conditions on the performance of a laparoscopic task. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2003 , 17, 1481-4	5.2	98
966	Antibody prevalence for SARS-CoV-2 following the peak of the pandemic in England: REACT2 study in 100,000 adults		98
965	Distributed simulation--accessible immersive training. <i>Medical Teacher</i> , 2010 , 32, 65-70	3	96
964	Endovascular skills training and assessment. <i>Journal of Vascular Surgery</i> , 2007 , 46, 1055-64	3.5	94
963	Medication Adherence Apps: Review and Content Analysis. <i>JMIR MHealth and UHealth</i> , 2018 , 6, e62	5.5	94
962	A randomized controlled study to evaluate the role of video-based coaching in training laparoscopic skills. <i>Annals of Surgery</i> , 2015 , 261, 862-9	7.8	92
961	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, 959-68	5.6	92
960	Assessing procedural skills in context: Exploring the feasibility of an Integrated Procedural Performance Instrument (IPPI). <i>Medical Education</i> , 2006 , 40, 1105-14	3.7	92
959	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, 1930-40	3.1	92
958	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	1.8	91
957	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, E1-33	5.3	91
956	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, 1-11.e4	4.4	89
955	Meta-analysis of survival based on resection margin status following surgery for recurrent rectal cancer. <i>Colorectal Disease</i> , 2012 , 14, 1457-66	2.1	89
954	Operation debrief: a SHARP improvement in performance feedback in the operating room. <i>Annals of Surgery</i> , 2013 , 258, 958-63	7.8	88

953	Bimodal assessment of laparoscopic suturing skills. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004 , 18, 1608-1612	5.2	87
952	Recent advances in minimal access surgery. <i>BMJ: British Medical Journal</i> , 2002 , 324, 31-4		87
951	The first decade of robotic surgery in children. <i>Journal of Pediatric Surgery</i> , 2013 , 48, 858-65	2.6	86
950	Deranged smooth muscle alpha-actin as a biomarker of intestinal pseudo-obstruction: a controlled multinational case series. <i>Gut</i> , 2004 , 53, 1583-9	19.2	86
949	Mental practice: effective stress management training for novice surgeons. <i>Journal of the American College of Surgeons</i> , 2011 , 212, 225-33	4.4	85
948	Functional results two years after laparoscopic rectopexy. <i>American Journal of Surgery</i> , 2001 , 182, 168-73	3.7	85
947	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	7.3	85
946	Developing specific reporting guidelines for diagnostic accuracy studies assessing AI interventions: The STARD-AI Steering Group. <i>Nature Medicine</i> , 2020 , 26, 807-808	50.5	84
945	The Effects of Bariatric Surgery on Cardiac Structure and Function: a Systematic Review of Cardiac Imaging Outcomes. <i>Obesity Surgery</i> , 2016 , 26, 1030-40	3.7	83
944	The role of simulation in surgical training. <i>Annals of the Royal College of Surgeons of England</i> , 2000 , 82, 88-94	1.4	82
943	Smartphone breast applications - what's the evidence?. <i>Breast</i> , 2014 , 23, 683-9	3.6	81
942	Meta-analysis: sacral nerve stimulation versus conservative therapy in the treatment of faecal incontinence. <i>International Journal of Colorectal Disease</i> , 2011 , 26, 275-94	3	81
941	Surgical Checklist Implementation Project: The Impact of Variable WHO Checklist Compliance on Risk-adjusted Clinical Outcomes After National Implementation: A Longitudinal Study. <i>Annals of Surgery</i> , 2016 , 263, 58-63	7.8	81
940	Survival outcome of local excision versus radical resection of colon or rectal carcinoma: a Surveillance, Epidemiology, and End Results (SEER) population-based study. <i>Annals of Surgery</i> , 2013 , 258, 563-9; discussion 569-71	7.8	80
939	Surgery for local recurrence of rectal cancer. <i>Colorectal Disease</i> , 2006 , 8, 733-47	2.1	80
938	SARS-CoV-2 antibody prevalence in England following the first peak of the pandemic. <i>Nature Communications</i> , 2021 , 12, 905	17.4	80
937	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, 600-5	5.4	79
936	Chemical mapping of the colorectal cancer microenvironment via MALDI imaging mass spectrometry (MALDI-MSI) reveals novel cancer-associated field effects. <i>Molecular Oncology</i> , 2014 , 8, 39-49	7.9	78

935	Self-assessment of performance among surgical trainees during simulated procedures in a simulated operating theater. <i>American Journal of Surgery</i> , 2006 , 192, 114-8	2.7	78
934	Better: A surgeon's notes on performance. <i>Journal of Clinical Investigation</i> , 2007 , 117, 1454-1454	15.9	78
933	Systematic review of learning curves for minimally invasive abdominal surgery: a review of the methodology of data collection, depiction of outcomes, and statistical analysis. <i>Annals of Surgery</i> , 2014 , 260, 37-45	7.8	77
932	Comparison of bench test evaluations of surgical skill with live operating performance assessments. <i>Journal of the American College of Surgeons</i> , 2004 , 199, 603-6	4.4	77
931	Which hemostatic device in thyroid surgery? A network meta-analysis of surgical technologies. <i>Thyroid</i> , 2013 , 23, 1138-50	6.2	76
930	The surgical efficiency score: a feasible, reliable, and valid method of skills assessment. <i>American Journal of Surgery</i> , 2006 , 192, 372-8	2.7	76
929	Robotic assisted rectopexy. <i>American Journal of Surgery</i> , 2004 , 187, 88-92	2.7	76
928	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, 8274-81	5.6	76
927	Meta-analysis of robot-assisted vs conventional laparoscopic and open pyeloplasty in children. <i>BJU International</i> , 2014 , 114, 582-94	5.6	75
926	Validity and reliability of a virtual reality upper gastrointestinal simulator and cross validation using structured assessment of individual performance with video playback. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004 , 18, 328-33	5.2	74
925	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	2.5	73
924	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. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017 , 31, 1361-1370	5.2	73
923	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, 1756-63	3.3	73
922	Does the ultrasonically activated scalpel release viable airborne cancer cells?. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1998 , 12, 1031-4	5.2	73
921	Laparoscopic cholecystectomy versus mini-laparotomy cholecystectomy: a meta-analysis of randomised control trials. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2007 , 21, 1294-300	5.2	73
920	Clinical outcome following Doppler-guided haemorrhoidal artery ligation: a systematic review. <i>Colorectal Disease</i> , 2013 , 15, e284-94	2.1	71
919	Development and validation of mental practice as a training strategy for laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010 , 24, 179-87	5.2	71
918	Avoidability of hospital deaths and association with hospital-wide mortality ratios: retrospective case record review and regression analysis. <i>BMJ, The</i> , 2015 , 351, h3239	5.9	70

917	Metabolic surgery and obstructive sleep apnoea: the protective effects of bariatric procedures. <i>Thorax</i> , 2012 , 67, 442-9	7.3	70
916	Late-onset deep prosthetic infection following mesh repair of inguinal hernia. <i>American Journal of Surgery</i> , 1998 , 176, 12-4	2.7	70
915	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	8	69
914	Neuropsychological assessment as a predictor of weight loss in obese adolescents. <i>International Journal of Obesity</i> , 2014 , 38, 507-12	5.5	69
913	Modern management of systolic anterior motion of the mitral valve. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 41, 1260-70	3	69
912	Sentiment Analysis of Health Care Tweets: Review of the Methods Used. <i>JMIR Public Health and Surveillance</i> , 2018 , 4, e43	11.4	69
911	Is the structure of anatomy curriculum adequate for safe medical practice?. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2010 , 8, 318-24	2.5	68
910	Heparin-bonded circuits versus nonheparin-bonded circuits: an evaluation of their effect on clinical outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 1058-69	3	68
909	Diabetes resolution and hyperinsulinaemia after metabolic Roux-en-Y gastric bypass. <i>Obesity Reviews</i> , 2011 , 12, e257-72	10.6	67
908	Declining prevalence of antibody positivity to SARS-CoV-2: a community study of 365,000 adults		67
907	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	2.2	67
906	Natural orifice transluminal endoscopic surgery: critical appraisal of applications in clinical practice. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009 , 23, 680-7	5.2	66
905	The role of the basic surgical skills course in the acquisition and retention of laparoscopic skill. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2001 , 15, 1071-5	5.2	66
904	Effect of skeletonization of the internal thoracic artery for coronary revascularization on the incidence of sternal wound infection. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 661-70	2.7	65
903	Experienced endovascular interventionalists objectively improve their skills by attending carotid artery stent training courses. <i>European Journal of Vascular and Endovascular Surgery</i> , 2008 , 35, 541-50	2.3	65
902	A practical approach towards accurate dense 3D depth recovery for robotic laparoscopic surgery. <i>Computer Aided Surgery</i> , 2005 , 10, 199-208		64
901	The impact of minimally invasive surgical techniques. <i>Annual Review of Medicine</i> , 2004 , 55, 223-37	17.4	64
900	Characteristics and predictors of acute and chronic post-COVID syndrome: A systematic review and meta-analysis. <i>EClinicalMedicine</i> , 2021 , 36, 100899	11.3	64

899	Training faculty in nontechnical skill assessment: national guidelines on program requirements. <i>Annals of Surgery</i> , 2013 , 258, 370-5	7.8	63
898	Traditional and laparoscopic appendectomy in adults: outcomes in English NHS hospitals between 1996 and 2006. <i>Annals of Surgery</i> , 2008 , 248, 800-6	7.8	63
897	The PreOp flexible sigmoidoscopy trainer. Validation and early evaluation of a virtual reality based system. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2002 , 16, 1459-63	5.2	63
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