

Ara Darzi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1348622/ara-darzi-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Defining the Enablers and Barriers to the Implementation of Large-scale, Health Care-Related Mobile Technology: Qualitative Case Study in a Tertiary Hospital Setting.. <i>JMIR MHealth and UHealth</i> , 2022 , 10, e31497	5.5	1
1059	SARS-CoV-2 infection and vaccine effectiveness in England (REACT-1): a series of cross-sectional random community surveys.. <i>Lancet Respiratory Medicine</i> , 2022 ,	35.1	7
1058	The self-management abilities test (SMAT): a tool to identify the self-management abilities of adults with bronchiectasis.. <i>Npj Primary Care Respiratory Medicine</i> , 2022 , 32, 3	3.2	
1057	A case for improved assessment of gut permeability: a meta-analysis quantifying the lactulose:mannitol ratio in coeliac and Crohn's disease.. <i>BMC Gastroenterology</i> , 2022 , 22, 16	3	0
1056	The impact of bariatric surgery on serum tryptophan-kynurenine pathway metabolites.. <i>Scientific Reports</i> , 2022 , 12, 294	4.9	3
1055	Quality assessment standards in artificial intelligence diagnostic accuracy systematic reviews: a meta-research study.. <i>Npj Digital Medicine</i> , 2022 , 5, 11	15.7	1
1054	Capturing challenges and trade-offs in healthcare work using the pressures diagram: An ethnographic study.. <i>Applied Ergonomics</i> , 2022 , 101, 103688	4.2	1
1053	Rapid increase in Omicron infections in England during December 2021: REACT-1 study.. <i>Science</i> , 2022 , 375, eabn8347	33.3	11
1052	Perceptions on the Use of Wearable Sensors and Continuous Monitoring in Surgical Patients: Interview Study Among Surgical Staff.. <i>JMIR Formative Research</i> , 2022 , 6, e27866	2.5	0
1051	Using natural language processing to understand, facilitate and maintain continuity in patient experience across transitions of care. <i>International Journal of Medical Informatics</i> , 2022 , 157, 104642	5.3	0
1050	Developing Specific Reporting Standards in Artificial Intelligence Centred Research.. <i>Annals of Surgery</i> , 2022 , 275, e547-e548	7.8	0
1049	Enriching the Value of Patient Experience Feedback: Web-Based Dashboard Development Using Co-design and Heuristic Evaluation.. <i>JMIR Human Factors</i> , 2022 , 9, e27887	2.5	1
1048	Reporting Standards and Quality Assessment Tools in Artificial Intelligence-Centered Healthcare Research 2022 , 385-395		
1047	Population antibody responses following COVID-19 vaccination in 212,102 individuals.. <i>Nature Communications</i> , 2022 , 13, 907	17.4	8
1046	Machine learning for technical skill assessment in surgery: a systematic review.. <i>Npj Digital Medicine</i> , 2022 , 5, 24	15.7	4
1045	Building an evidence standards framework for artificial intelligence-enabled digital health technologies.. <i>The Lancet Digital Health</i> , 2022 , 4, e216-e217	14.4	1
1044	Effectiveness and safety of pulse oximetry in remote patient monitoring of patients with COVID-19: a systematic review.. <i>The Lancet Digital Health</i> , 2022 , 4, e279-e289	14.4	1

1043	Persistent COVID-19 symptoms in a community study of 606,434 people in England.. <i>Nature Communications</i> , 2022 , 13, 1957	17.4	13
1042	Visual gaze patterns in trainee endoscopists - a novel assessment tool.. <i>Scandinavian Journal of Gastroenterology</i> , 2022 , 1-9	2.4	0
1041	Evaluation of a clinical decision support tool for matching cancer patients to clinical trials using simulation-based research.. <i>Health Informatics Journal</i> , 2022 , 28, 14604582221087890	3	
1040	Misinformation About the Human Gut Microbiome in YouTube Videos: Cross-sectional Study.. <i>JMIR Formative Research</i> , 2022 , 6, e37546	2.5	
1039	Ethics methods are required as part of reporting guidelines for artificial intelligence in healthcare. <i>Nature Machine Intelligence</i> , 2022 , 4, 316-317	22.5	1
1038	Evaluating the impact of a digital leadership programme on national digital priorities: a mixed methods study.. <i>BMJ Open</i> , 2022 , 12, e056369	3	0
1037	Trends and associated factors for Covid-19 hospitalisation and fatality risk in 2.3 million adults in England.. <i>Nature Communications</i> , 2022 , 13, 2356	17.4	0
1036	A population survey on beliefs around cervical cancer screening: determining the barriers and facilitators associated with attendance.. <i>BMC Cancer</i> , 2022 , 22, 522	4.8	1
1035	Breakthrough SARS-CoV-2 infections in double and triple vaccinated adults and single dose vaccine effectiveness among children in Autumn 2021 in England: REACT-1 study.. <i>EClinicalMedicine</i> , 2022 , 48, 101419	11.3	0
1034	General practitioners' perceptions of using virtual primary care during the COVID-19 pandemic: An international cross-sectional survey study 2022 , 1, e0000029		0
1033	Co-designing an intervention to increase uptake of advance care planning in later life following emergency hospitalisation: a research protocol using accelerated experience-based co-design (AEBCD) and the behaviour change wheel (BCW).. <i>BMJ Open</i> , 2022 , 12, e055347	3	0
1032	Atrial fibrillation and obesity: Long-term incidence and outcomes after bariatric surgery. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, e22-e24	3.9	5
1031	Response to the Comment on "'Does Sleeve Gastrectomy Expose the Distal Esophagus to Severe Reflux?' So What? Keep the Big Picture in Perspective". <i>Annals of Surgery</i> , 2021 , 274, e793-e794	7.8	1
1030	Improving safety and reducing error in endoscopy (ISREE): a survey of UK services.. <i>Frontline Gastroenterology</i> , 2021 , 12, 593-600	2.6	2
1029	Patient Safety Education 20 Years After the Institute of Medicine Report: Results From a Cross-sectional National Survey. <i>Journal of Patient Safety</i> , 2021 , 17, e1884-e1888	1.9	0
1028	Exponential growth, high prevalence of SARS-CoV-2, and vaccine effectiveness associated with the Delta variant. <i>Science</i> , 2021 , 374, eabl9551	33.3	31
1027	How to improve patient safety in fragile, conflict-affected and vulnerable settings: a Delphi study protocol. <i>BMJ Open</i> , 2021 , 11, e052960	3	1
1026	The role of transactive memory systems, psychological safety and interpersonal conflict in hospital team performance. <i>Ergonomics</i> , 2021 , 1-11	2.9	2

1025	Have international in-person medical meetings had their day?. <i>BMJ, The</i> , 2021 , 375, n2345	5.9	2
1024	Nutri-Score: The Most Efficient Front-of-Pack Nutrition Label to Inform Portuguese Consumers on the Nutritional Quality of Foods and Help Them Identify Healthier Options in Purchasing Situations.. <i>Nutrients</i> , 2021 , 13,	6.7	4
1023	Acceptability, Usability, and Performance of Lateral Flow Immunoassay Tests for Severe Acute Respiratory Syndrome Coronavirus 2 Antibodies: REACT-2 Study of Self-Testing in Nonhealthcare Key Workers. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab496	1	3
1022	Dreading the pain of others? Altruistic responses to others' pain underestimate dread. <i>Journal of the Experimental Analysis of Behavior</i> , 2021 , 116, 359-378	2.1	
1021	A systematic review of interventions to improve breast cancer screening health behaviours. <i>Preventive Medicine</i> , 2021 , 153, 106828	4.3	1
1020	Characterising the nationwide burden and predictors of unkept outpatient appointments in the National Health Service in England: A cohort study using a machine learning approach. <i>PLoS Medicine</i> , 2021 , 18, e1003783	11.6	0
1019	A quality assessment tool for artificial intelligence-centered diagnostic test accuracy studies: QUADAS-AI. <i>Nature Medicine</i> , 2021 , 27, 1663-1665	50.5	5
1018	Determinants of Use of the Care Information Exchange Portal: Cross-sectional Study. <i>Journal of Medical Internet Research</i> , 2021 , 23, e23481	7.6	0
1017	Neuroenhancement of surgeons during robotic suturing. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021 , 1	5.2	
1016	Patient Perceptions on Data Sharing and Applying Artificial Intelligence to Health Care Data: Cross-sectional Survey. <i>Journal of Medical Internet Research</i> , 2021 , 23, e26162	7.6	5
1015	Shared leadership in tertiary care: design of a simulation for patient safety decision-making in healthcare management teams.. <i>BMJ Simulation and Technology Enhanced Learning</i> , 2021 , 7, 216-222	1.1	
1014	National census of UK endoscopy services in 2019. <i>Frontline Gastroenterology</i> , 2021 , 12, 451-460	2.6	9
1013	Simulation for skills training in neurosurgery: a systematic review, meta-analysis, and analysis of progressive scholarly acceptance. <i>Neurosurgical Review</i> , 2021 , 44, 1853-1867	3.9	10
1012	Use of Pediatric Injectable Medicines Guidelines and Associated Medication Administration Errors: A Human Reliability Analysis. <i>Annals of Pharmacotherapy</i> , 2021 , 55, 1333-1340	2.9	0
1011	SARS-CoV-2 lateral flow assays for possible use in national covid-19 seroprevalence surveys (React 2): diagnostic accuracy study. <i>BMJ, The</i> , 2021 , 372, n423	5.9	24
1010	Design of the pilot, proof of concept REMOTE-COVID trial: remote monitoring use in suspected cases of COVID-19 (SARS-CoV-2). <i>Pilot and Feasibility Studies</i> , 2021 , 7, 62	1.9	5
1009	Applying natural language processing and machine learning techniques to patient experience feedback: a systematic review. <i>BMJ Health and Care Informatics</i> , 2021 , 28,	2.6	6
1008	Validation of Ultrasonic Harmonic Scalpel for Real-Time Tissue Identification Using Rapid Evaporative Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2021 , 93, 5906-5916	7.8	6

1007	A national survey assessing public readiness for digital health strategies against COVID-19 within the United Kingdom. <i>Scientific Reports</i> , 2021 , 11, 5958	4.9	7
1006	Assessment of the introduction of semi-digital consent into surgical practice. <i>British Journal of Surgery</i> , 2021 , 108, 342-345	5.3	2
1005	Constructive criticism or distortion of the humanitarian narrative? - Authors' reply. <i>The Lancet Global Health</i> , 2021 , 9, e255	13.6	0
1004	Rapid uropathogen identification using surface enhanced Raman spectroscopy active filters. <i>Scientific Reports</i> , 2021 , 11, 8802	4.9	4
1003	Short-Term Wearable Sensors for In-Hospital Medical and Surgical Patients: Mixed Methods Analysis of Patient Perspectives. <i>JMIR Perioperative Medicine</i> , 2021 , 4, e18836	1.5	2
1002	Dataset of prefrontal transcranial direct-current stimulation to improve early surgical knot-tying skills. <i>Data in Brief</i> , 2021 , 35, 106905	1.2	0
1001	Wearable Activity Monitors in Home Based Exercise Therapy for Patients with Intermittent Claudication: A Systematic Review. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021 , 61, 676-687	2.3	1
1000	Resurgence of SARS-CoV-2: Detection by community viral surveillance. <i>Science</i> , 2021 , 372, 990-995	33.3	36
999	Testing a multicomponent lifestyle intervention for combatting childhood obesity. <i>BMC Public Health</i> , 2021 , 21, 824	4.1	2
998	The pilot, proof of concept REMOTE-COVID trial: remote monitoring use in suspected cases of COVID-19 (SARS-CoV 2). <i>BMC Public Health</i> , 2021 , 21, 638	4.1	0
997	Diagnostic accuracy of deep learning in medical imaging: a systematic review and meta-analysis. <i>Npj Digital Medicine</i> , 2021 , 4, 65	15.7	49
996	Evaluating the Impact of COVID-19 on the Adoption of Virtual Care in General Practice in 20 Countries (inSIGHT): Protocol and Rationale Study. <i>JMIR Research Protocols</i> , 2021 , 10, e30099	2	3
995	A novel gaze-controlled flexible robotized endoscope; preliminary trial and report. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021 , 35, 4890-4899	5.2	0
994	Visual gaze patterns reveal surgeons' ability to identify risk of bile duct injury during laparoscopic cholecystectomy. <i>Hpb</i> , 2021 , 23, 715-722	3.8	
993	Automated Vision-Based Microsurgical Skill Analysis in Neurosurgery Using Deep Learning: Development and Preclinical Validation. <i>World Neurosurgery</i> , 2021 , 149, e669-e686	2.1	11
992	Neuroenhancement of future surgeons - Opinions from students, surgeons and patients. <i>Brain Stimulation</i> , 2021 , 14, 616-618	5.1	1
991	Prevalence of antibody positivity to SARS-CoV-2 following the first peak of infection in England: Serial cross-sectional studies of 365,000 adults. <i>Lancet Regional Health - Europe, The</i> , 2021 , 4, 100098		46
990	Grass-roots junior doctor communication network in response to the COVID-19 pandemic: a service evaluation. <i>BMJ Open Quality</i> , 2021 , 10,	1.9	1

989	Implementation of Wearable Sensors and Digital Alerting Systems in Secondary Care: Protocol for a Real-World Prospective Study Evaluating Clinical Outcomes. <i>JMIR Research Protocols</i> , 2021 , 10, e26240	2	1
988	The impact of digital health interventions on the psychological outcomes of patients and families receiving paediatric palliative care: A systematic review and narrative synthesis. <i>Palliative Medicine</i> , 2021 , 35, 2017-2023	5.5	2
987	Rapid, non-invasive measurement of gastric emptying rate using transcutaneous fluorescence spectroscopy. <i>Biomedical Optics Express</i> , 2021 , 12, 4249-4264	3.5	0
986	An eye-tracking based robotic scrub nurse: proof of concept. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021 , 35, 5381-5391	5.2	3
985	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
984	Roux-en-Y gastric bypass-induced bacterial perturbation contributes to altered host-bacterial co-metabolic phenotype. <i>Microbiome</i> , 2021 , 9, 139	16.6	9
983	Duodenal-jejunal Bypass Liner for the management of Type 2 Diabetes Mellitus and Obesity: A Multicenter Randomized Controlled Trial. <i>Annals of Surgery</i> , 2021 , 275,	7.8	6
982	Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-AI protocol. <i>BMJ Open</i> , 2021 , 11, e047709	3	12
981	Using electronic health records to develop and validate a machine-learning tool to predict type 2 diabetes outcomes: a study protocol. <i>BMJ Open</i> , 2021 , 11, e046716	3	0
980	Diagnostic Accuracy of Artificial Intelligence and Computer-Aided Diagnosis for the Detection and Characterization of Colorectal Polyps: Systematic Review and Meta-analysis. <i>Journal of Medical Internet Research</i> , 2021 , 23, e27370	7.6	7
979	Electronic Health Records, Interoperability and Patient Safety in Health Systems of High-income Countries: A Systematic Review Protocol. <i>BMJ Open</i> , 2021 , 11, e044941	3	0
978	The GP-OH (General Practice - Organizational Health) Survey: Development and Validation of a Novel Instrument to Measure Organizational Health in General Practice. <i>Hospital Topics</i> , 2021 , 1-11	1.1	
977	The Reliability and Quality of YouTube Videos as a Source of Public Health Information Regarding COVID-19 Vaccination: Cross-sectional Study. <i>JMIR Public Health and Surveillance</i> , 2021 , 7, e29942	11.4	8
976	Objective Assessment of Postoperative Morbidity After Breast Cancer Treatments with Wearable Activity Monitors: The "BRACELET" Study. <i>Annals of Surgical Oncology</i> , 2021 , 28, 5597-5609	3.1	2
975	Long-term Impact of Bariatric Surgery on Venous Thromboembolic Risk: A Matched Cohort Study. <i>Annals of Surgery</i> , 2021 , 274, 1017-1024	7.8	7
974	Measuring the organisational health of acute sector healthcare organisations: Development and validation of the Healthcare-OH survey. <i>International Journal of Healthcare Management</i> , 2021 , 14, 64-76 ^{1.4}		2
973	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
972	Can self-management programmes change healthcare utilisation in COPD?: A systematic review and framework analysis. <i>Patient Education and Counseling</i> , 2021 , 104, 50-63	3.1	4

971	War in the time of COVID-19: humanitarian catastrophe in Nagorno-Karabakh and Armenia. <i>The Lancet Global Health</i> , 2021 , 9, e243-e244	13.6	8
970	Usability and Acceptability of Home-based Self-testing for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antibodies for Population Surveillance. <i>Clinical Infectious Diseases</i> , 2021 , 72, e384-e393	11.6	34
969	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. <i>The Lancet Gastroenterology and Hepatology</i> , 2021 , 6, 92-105	18.8	26
968	Are disruptive innovations recognised in the healthcare literature? A systematic review. <i>BMJ Innovations</i> , 2021 , 7, 208-216	1.8	6
967	Virtual primary care in high-income countries during the COVID-19 pandemic: Policy responses and lessons for the future. <i>European Journal of General Practice</i> , 2021 , 27, 241-247	2.8	4
966	Tissue texture extraction in indocyanine green fluorescence imaging for breast-conserving surgery. <i>Journal Physics D: Applied Physics</i> , 2021 , 54, 194005	3	2
965	Opening a "Can of Worms" to Explore the Public's Hopes and Fears About Health Care Data Sharing: Qualitative Study. <i>Journal of Medical Internet Research</i> , 2021 , 23, e22744	7.6	1
964	Systematic review into city interventions to address obesity. <i>EClinicalMedicine</i> , 2021 , 32, 100710	11.3	4
963	SARS-CoV-2 antibody prevalence in England following the first peak of the pandemic. <i>Nature Communications</i> , 2021 , 12, 905	17.4	80
962	Assessment of Patients' Ability to Review Electronic Health Record Information to Identify Potential Errors: Cross-sectional Web-Based Survey. <i>JMIR Formative Research</i> , 2021 , 5, e19074	2.5	4
961	The role of the state in financing and regulating primary care in Europe: a taxonomy. <i>Health Policy</i> , 2021 , 125, 168-176	3.2	6
960	Evaluating the effect of infographics on public recall, sentiment and willingness to use face masks during the COVID-19 pandemic: a randomised internet-based questionnaire study. <i>BMC Public Health</i> , 2021 , 21, 367	4.1	9
959	Understanding the survivorship burden of long COVID. <i>EClinicalMedicine</i> , 2021 , 33, 100767	11.3	3
958	Stapler closure versus manual closure in total laryngectomy for laryngeal cancer: A systematic review and meta-analysis. <i>Clinical Otolaryngology</i> , 2021 , 46, 918	1.8	
957	Diagnostic Accuracy of Smartwatches for the Detection of Cardiac Arrhythmia: Systematic Review and Meta-analysis. <i>Journal of Medical Internet Research</i> , 2021 , 23, e28974	7.6	3
956	The Impact of Temporal Variation in Indocyanine Green Administration on Tumor Identification During Fluorescence Guided Breast Surgery. <i>Annals of Surgical Oncology</i> , 2021 , 28, 5617-5625	3.1	2
955	Open Loop Position Control of Soft Hydraulic Actuators for Minimally Invasive Surgery. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7391	2.6	1
954	COVID-19 vaccinations among Black Asian and Minority Ethnic (BAME) groups: Learning the lessons from influenza. <i>International Journal of Clinical Practice</i> , 2021 , 75, e14641	2.9	2

953	ASO Author Reflections: Improving Management of Upper Limb Complications after Breast Cancer Treatments. <i>Annals of Surgical Oncology</i> , 2021 , 1	3.1	
952	ASO Visual Abstract: The Impact of Temporal Variation in Indocyanine Green Administration on Tumor Identification During Fluorescence-Guided Breast Surgery. <i>Annals of Surgical Oncology</i> , 2021 , 28, 650-651	3.1	
951	Predictive symptoms for COVID-19 in the community: REACT-1 study of over 1 million people. <i>PLoS Medicine</i> , 2021 , 18, e1003777	11.6	19
950	Assessing the safety of home oximetry for COVID-19: a multisite retrospective observational study. <i>BMJ Open</i> , 2021 , 11, e049235	3	6
949	ASO Visual Abstract: Objective Assessment of Postoperative Morbidity Following Breast Cancer Treatments with Wearable Activity Monitors: The "BRACELET" Study. <i>Annals of Surgical Oncology</i> , 2021 , 28, 703	3.1	
948	Reporting Standards and Quality Assessment Tools in Artificial Intelligence Centered Healthcare Research 2021 , 1-11		
947	Clinical outcomes of digital sensor alerting systems in remote monitoring: a systematic review and meta-analysis. <i>Npj Digital Medicine</i> , 2021 , 4, 7	15.7	6
946	A Systematic Review of Robotic Surgery: From Supervised Paradigms To Fully Autonomous Robotic Approaches.. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021 , e2358	2.9	0
945	Investigating the Implementation of SMS and Mobile Messaging in Population Screening (the SIPS Study): Protocol for a Delphi Study.. <i>JMIR Research Protocols</i> , 2021 , 10, e32660	2	2
944	Use and impact of virtual primary care on quality and safety: The public's perspectives during the COVID-19 pandemic.. <i>Journal of Telemedicine and Telecare</i> , 2021 , 1357633X211066235	6.8	2
943	Identifying factors that promote and limit the effective use of real-time patient experience feedback: a mixed-methods study in secondary care. <i>BMJ Open</i> , 2021 , 11, e047239	3	
942	Prefrontal transcranial direct-current stimulation improves early technical skills in surgery. <i>Brain Stimulation</i> , 2020 , 13, 1834-1841	5.1	8
941	'Test, re-test, re-test': using inaccurate tests to greatly increase the accuracy of COVID-19 testing. <i>Nature Medicine</i> , 2020 , 26, 810-811	50.5	53
940	A measure of case complexity for streamlining workflow in multidisciplinary tumor boards: Mixed methods development and early validation of the MeDiC tool. <i>Cancer Medicine</i> , 2020 , 9, 5143-5154	4.8	9
939	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
938	Is it time to nationalise the pharmaceutical industry?. <i>BMJ, The</i> , 2020 , 368, m769	5.9	4
937	Effect of bariatric surgery on long-term cardiovascular outcomes: a nationwide nested cohort study. <i>European Heart Journal</i> , 2020 , 41, 2660-2667	9.5	38
936	Projected impact of the Portuguese sugar-sweetened beverage tax on obesity incidence across different age groups: A modelling study. <i>PLoS Medicine</i> , 2020 , 17, e1003036	11.6	12

935	Delays in referral from primary care worsen survival for patients with colorectal cancer: a retrospective cohort study. <i>British Journal of General Practice</i> , 2020 , 70, e463-e471	1.6	3
934	Impact of providing patients access to electronic health records on quality and safety of care: a systematic review and meta-analysis. <i>BMJ Quality and Safety</i> , 2020 , 29, 1019-1032	5.4	18
933	Tracking physical activity using smart phone apps: assessing the ability of a current app and systematically collecting patient recommendations for future development. <i>BMC Medical Informatics and Decision Making</i> , 2020 , 20, 17	3.6	5
932	A pragmatic and scalable strategy using mobile technology to promote sustained lifestyle changes to prevent type 2 diabetes in India and the UK: a randomised controlled trial. <i>Diabetologia</i> , 2020 , 63, 486-496	10.3	14
931	Next-generation robotics in gastrointestinal surgery. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020 , 17, 430-440	24.2	13
930	The Ethics of Taxing Sugar-Sweetened Beverages to Improve Public Health. <i>Frontiers in Public Health</i> , 2020 , 8, 110	6	2
929	Neuroenhancement in surgeons: benefits, risks and ethical dilemmas. <i>British Journal of Surgery</i> , 2020 , 107, 946-950	5.3	6
928	Systematic review of combined functional near-infrared spectroscopy and transcranial direct-current stimulation studies. <i>Neurophotonics</i> , 2020 , 7, 020901	3.9	9
927	The evolution of lower gastrointestinal endoscopy: where are we now?. <i>Therapeutic Advances in Gastrointestinal Endoscopy</i> , 2020 , 13, 2631774520979591	1.6	4
926	REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study protocol. <i>Wellcome Open Research</i> , 2020 , 5, 200	4.8	51
925	Impact of advance care planning on dying in hospital: Evidence from urgent care records. <i>PLoS ONE</i> , 2020 , 15, e0242914	3.7	3
924	Implementation of a Surgical Simulation Care Pathway Approach to Training in Emergency Abdominal Surgery. <i>World Journal of Surgery</i> , 2020 , 44, 696-703	3.3	2
923	Visual behaviour in robotic surgery-Demonstrating the validity of the simulated environment. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2020 , 16, e2075	2.9	1
922	Remote wireless vital signs monitoring on the ward for early detection of deteriorating patients: A case series. <i>International Journal of Nursing Studies</i> , 2020 , 104, 103515	5.8	13
921	International evaluation of an AI system for breast cancer screening. <i>Nature</i> , 2020 , 577, 89-94	50.4	707
920	Barriers and facilitators to incident reporting in mental healthcare settings: A qualitative study. <i>Journal of Psychiatric and Mental Health Nursing</i> , 2020 , 27, 211-223	2.4	7
919	Ensuring that the NHS realises fair financial value from its data. <i>The Lancet Digital Health</i> , 2020 , 2, e10-e14	12.4	1
918	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

917	Surgical Innovation in the Era of Global Surgery: A Network Analysis. <i>Annals of Surgery</i> , 2020 , 271, 868-874	7.8	5
916	Initial Experience With a New Robotic Surgical System for Cholecystectomy. <i>Surgical Innovation</i> , 2020 , 27, 136-142	2	9
915	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. <i>The Lancet Digital Health</i> , 2020 , 2, e549-e560	14.4	36
914	Obese patients and robotic colorectal surgery: systematic review and meta-analysis. <i>BJS Open</i> , 2020 ,	3.9	4
913	Endoscopic submucosal dissection: an update on tools and accessories. <i>Therapeutic Advances in Gastrointestinal Endoscopy</i> , 2020 , 13, 2631774520957220	1.6	5
912	Social discounting of pain. <i>Journal of the Experimental Analysis of Behavior</i> , 2020 , 114, 308-325	2.1	2
911	. <i>IEEE Systems, Man, and Cybernetics Magazine</i> , 2020 , 6, 39-48	1.6	6
910	Remote shared care delivery: a virtual response to COVID-19. <i>The Lancet Digital Health</i> , 2020 , 2, e288-e289	1.4	8
909	Defining a Healthy Organisation in Primary Care: A Qualitative Interview Study. <i>Hospital Topics</i> , 2020 , 98, 68-79	1.1	1
908	Learning from complaints in healthcare: a realist review of academic literature, policy evidence and front-line insights. <i>BMJ Quality and Safety</i> , 2020 , 29, 684-695	5.4	18
907	Organizational health in healthcare organizations [psychometric validation of the Healthcare-OH survey across fifteen acute NHS trusts in England. <i>International Journal of Healthcare Management</i> , 2020 , 1-8	1.4	
906	CRC COVID: Colorectal cancer services during COVID-19 pandemic. Study protocol for service evaluation. <i>International Journal of Surgery Protocols</i> , 2020 , 23, 15-19	1.1	1
905	Sepsis. <i>Lancet, The</i> , 2020 , 396, 1805	40	1
904	Investigating the Role of Diet and Exercise in Gut Microbe-Host Cometabolism. <i>MSystems</i> , 2020 , 5,	7.6	4
903	Behavioral economics informed message content in text message reminders to improve cervical screening participation: Two pragmatic randomized controlled trials. <i>Preventive Medicine</i> , 2020 , 139, 106170	4.3	12
902	Clinical impact of multi-parameter continuous non-invasive monitoring in hospital wards: a systematic review and meta-analysis. <i>Journal of the Royal Society of Medicine</i> , 2020 , 113, 217-224	2.3	16
901	A multicentre cross-sectional observational study of cancer multidisciplinary teams: Analysis of team decision making. <i>Cancer Medicine</i> , 2020 , 9, 7083-7099	4.8	11
900	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

899	Threats to safe transitions from hospital to home: a consensus study in North West London primary care. <i>British Journal of General Practice</i> , 2020 , 70, e9-e19	1.6	7
898	Comparison of surgeon gaze behaviour against objective skill assessment in laparoscopic cholecystectomy-a prospective cohort study. <i>International Journal of Surgery</i> , 2020 , 82, 149-155	7.5	2
897	Transcutaneous fluorescence spectroscopy as a tool for non-invasive monitoring of gut function: first clinical experiences. <i>Scientific Reports</i> , 2020 , 10, 16169	4.9	5
896	Tactile Sensor for Minimally Invasive Surgery Using Electrical Impedance Tomography. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2020 , 2, 561-564	3.1	1
895	Identifying naturally occurring communities of primary care providers in the English National Health Service in London. <i>BMJ Open</i> , 2020 , 10, e036504	3	0
894	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
893	Multitasking and Time Pressure in the Operating Room: Impact on Surgeons' Brain Function. <i>Annals of Surgery</i> , 2020 , 272, 648-657	7.8	4
892	Public perceptions on data sharing: key insights from the UK and the USA. <i>The Lancet Digital Health</i> , 2020 , 2, e444-e446	14.4	16
891	No patient safety without health worker safety. <i>Lancet, The</i> , 2020 , 396, 1541-1543	40	9
890	REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study protocol. <i>Wellcome Open Research</i> , 2020 , 5, 200	4.8	20
889	Reintervention After Antireflux Surgery for Gastroesophageal Reflux Disease in England. <i>Annals of Surgery</i> , 2020 , 271, 709-715	7.8	5
888	A regulatory perspective on the influence of health information technology on organisational quality and safety in England. <i>Health Informatics Journal</i> , 2020 , 26, 897-910	3	1
887	Mass spectrometry transanal minimally invasive surgery (MS-TAMIS) to promote organ preservation in rectal cancer. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020 , 34, 3618-3625	5.2	8
886	Protocol for a feasibility study of OnTrack: a digital system for upper limb rehabilitation after stroke. <i>BMJ Open</i> , 2020 , 10, e034936	3	0
885	Shape Sensing of Variable Stiffness Soft Robots using Electrical Impedance Tomography 2019 ,		9
884	Patient-Specific Simulation of Pneumoperitoneum for Laparoscopic Surgical Planning. <i>Journal of Medical Systems</i> , 2019 , 43, 317	5.1	4
883	Five reasons for optimism on World Patient Safety Day. <i>Lancet, The</i> , 2019 , 394, 993-995	40	2
882	Beyond IDEAL: the importance of surgical innovation metrics. <i>Lancet, The</i> , 2019 , 393, 315	40	3

881	The impact of mobile technology on teamwork and communication in hospitals: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 339-355	8.6	26
880	Validation of behavioral simulations: a case study on enhancing collaboration between partnership organizations. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2019 , 27, 367-378	1.4	1
879	Transitions of care across hospital settings in patients with inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2019 , 25, 2122-2132	5.6	7
878	Collaborative patterns, authorship practices and scientific success in biomedical research: a network analysis. <i>Journal of the Royal Society of Medicine</i> , 2019 , 112, 245-257	2.3	5
877	Bariatric Surgery Modulates Urinary Levels of MicroRNAs Involved in the Regulation of Renal Function. <i>Frontiers in Endocrinology</i> , 2019 , 10, 319	5.7	7
876	Which behaviour change techniques are most effective in improving healthcare utilisation in COPD self-management programmes? A protocol for a systematic review. <i>BMJ Open Respiratory Research</i> , 2019 , 6, e000369	5.6	1
875	Exploratory Analysis of Plasma Neurotensin as a Novel Biomarker for Early Detection of Colorectal Polyp and Cancer. <i>Hormones and Cancer</i> , 2019 , 10, 128-135	5	11
874	Changing the channel: television health campaigns in Portugal. <i>Lancet Public Health, The</i> , 2019 , 4, e179	22.4	2
873	Effect of body mass index on depression in a UK cohort of 363 037 obese patients: A longitudinal analysis of transition. <i>Clinical Obesity</i> , 2019 , 9, e12305	3.6	11
872	Rapid Induction of Liver Regeneration for Major Hepatectomy (REBIRTH): A Randomized Controlled Trial of Portal Vein Embolisation versus ALPPS Assisted with Radiofrequency. <i>Cancers</i> , 2019 , 11,	6.6	19
871	Exploring mobile working in healthcare: Clinical perspectives on transitioning to a mobile first culture of work. <i>International Journal of Medical Informatics</i> , 2019 , 125, 96-101	5.3	10
870	Intraoperative ultrasound for improved 3D tumour reconstruction in robot-assisted surgery: An evaluation of feedback modalities. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2019 , 15, e1973	2.9	
869	Subject-specific modelling of pneumoperitoneum: model implementation, validation and human feasibility assessment. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019 , 14, 841-850	3.9	2
868	Regional variations in trajectories of long-term readmission rates among patients in England with heart failure. <i>BMC Cardiovascular Disorders</i> , 2019 , 19, 86	2.3	1
867	Soft Robotics in Minimally Invasive Surgery. <i>Soft Robotics</i> , 2019 , 6, 423-443	9.2	138
866	Can shared leadership enhance clinical team management? A systematic review. <i>Leadership in Health Services</i> , 2019 , 32, 309-335	1.7	9
865	Nutri-Score: A Public Health Tool to Improve Eating Habits in Portugal. <i>Acta Medica Portuguesa</i> , 2019 , 32, 175-178	1.4	9
864	Network Mapping of Molecular Biomarkers Influencing Radiation Response in Rectal Cancer. <i>Clinical Colorectal Cancer</i> , 2019 , 18, e210-e222	3.8	3

863	Deployable, Variable Stiffness, Cable Driven Robot for Minimally Invasive Surgery. <i>Frontiers in Robotics and AI</i> , 2019 , 6, 141	2.8	12
862	Fate of the metabolically healthy obese-is this term a misnomer? A study from the Clinical Practice Research Datalink. <i>International Journal of Obesity</i> , 2019 , 43, 1093-1101	5.5	14
861	Colorectal cancer patients under the age of 50 experience delays in primary care leading to emergency diagnoses: a population-based study. <i>Colorectal Disease</i> , 2019 , 21, 1270-1278	2.1	2
860	Association of Residents' Neural Signatures With Stress Resilience During Surgery. <i>JAMA Surgery</i> , 2019 , 154, e192552	5.4	8
859	Changing health behaviors using financial incentives: a review from behavioral economics. <i>BMC Public Health</i> , 2019 , 19, 1059	4.1	53
858	The effects and preventability of 2627 patient safety incidents related to health information technology failures: a retrospective analysis of 10 years of incident reporting in England and Wales. <i>The Lancet Digital Health</i> , 2019 , 1, e127-e135	14.4	11
857	The challenges of cybersecurity in health care: the UK National Health Service as a case study. <i>The Lancet Digital Health</i> , 2019 , 1, e10-e12	14.4	15
856	Evaluating the impact of organisational digital maturity on clinical outcomes in secondary care in England. <i>Npj Digital Medicine</i> , 2019 , 2, 41	15.7	6
855	Evaluating the impact of image guidance in the surgical setting: a systematic review. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019 , 33, 2785-2793	5.2	1
854	The impact of governance in primary health care delivery: a systems thinking approach with a European panel. <i>Health Research Policy and Systems</i> , 2019 , 17, 65	3.7	10
853	Comment on: Relationship between surgeons and industry. <i>British Journal of Surgery</i> , 2019 , 106, 1560	5.3	
852	Improving data sharing between acute hospitals in England: an overview of health record system distribution and retrospective observational analysis of inter-hospital transitions of care. <i>BMJ Open</i> , 2019 , 9, e031637	3	15
851	Health Care Professionals' Perspectives on the Secondary Use of Health Records to Improve Quality and Safety of Care in England: Qualitative Study. <i>Journal of Medical Internet Research</i> , 2019 , 21, e14135	7.6	4
850	Digital Alerting and Outcomes in Patients With Sepsis: Systematic Review and Meta-Analysis. <i>Journal of Medical Internet Research</i> , 2019 , 21, e15166	7.6	26
849	Evaluating Digital Maturity and Patient Acceptability of Real-Time Patient Experience Feedback Systems: Systematic Review. <i>Journal of Medical Internet Research</i> , 2019 , 21, e9076	7.6	5
848	Modelling impacts of food industry co-regulation on noncommunicable disease mortality, Portugal. <i>Bulletin of the World Health Organization</i> , 2019 , 97, 450-459	8.2	8
847	Free-View, 3D Gaze-Guided Robotic Scrub Nurse. <i>Lecture Notes in Computer Science</i> , 2019 , 164-172	0.9	1
846	Evaluating the implications of Brexit for research collaboration and policy: a network analysis and simulation study. <i>BMJ Open</i> , 2019 , 9, e025025	3	1

845	From EHR to PHR: let's get the record straight. <i>BMJ Open</i> , 2019 , 9, e029582	3	5
844	PTU-114 Learning from adverse events: A study of JAG endoscopy units 2019 ,		1
843	The patient safety practices of emergency medical teams in disaster zones: a systematic analysis. <i>BMJ Global Health</i> , 2019 , 4, e001889	6.6	2
842	Patient safety in inpatient mental health settings: a systematic review. <i>BMJ Open</i> , 2019 , 9, e030230	3	19
841	Medication errors during simulated paediatric resuscitations: a prospective, observational human reliability analysis. <i>BMJ Open</i> , 2019 , 9, e032686	3	4
840	The Impact of Transcranial Direct Current Stimulation on Upper-Limb Motor Performance in Healthy Adults: A Systematic Review and Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1213	5.1	11
839	Portugal's voluntary food reformulation agreement and the WHO reformulation targets. <i>Journal of Global Health</i> , 2019 , 9, 020315	4.3	5
838	Working with patients and the public to design an electronic health record interface: a qualitative mixed-methods study. <i>BMC Medical Informatics and Decision Making</i> , 2019 , 19, 250	3.6	5
837	Optical Technologies for Endoscopic Real-Time Histologic Assessment of Colorectal Polyps: A Meta-Analysis. <i>American Journal of Gastroenterology</i> , 2019 , 114, 1219-1230	0.7	7
836	Wearable sensors to improve detection of patient deterioration. <i>Expert Review of Medical Devices</i> , 2019 , 16, 145-154	3.5	37
835	Front-of-pack labelling policies and the need for guidance. <i>Lancet Public Health</i> , 2019 , 4, e15	22.4	12
834	Informing the Consent Process for Surgeons: A Survey Study of Patient Preferences, Perceptions, and Risk Tolerance. <i>Journal of Surgical Research</i> , 2019 , 235, 298-302	2.5	5
833	The Crucible simulation: Behavioral simulation improves clinical leadership skills and understanding of complex health policy change. <i>Health Care Management Review</i> , 2019 , 44, 246-255	2.4	5
832	Breath Volatile Organic Compound Profiling of Colorectal Cancer Using Selected Ion Flow-tube Mass Spectrometry. <i>Annals of Surgery</i> , 2019 , 269, 903-910	7.8	31
831	Key Components of the Safe Surgical Ward: International Delphi Consensus Study to Identify Factors for Quality Assessment and Service Improvement. <i>Annals of Surgery</i> , 2019 , 269, 1064-1072	7.8	8
830	Mortality of the Severely Obese: A Population Study. <i>Annals of Surgery</i> , 2019 , 269, 1087-1091	7.8	17
829	Surgery, Complications, and Quality of Life: A Longitudinal Cohort Study Exploring the Role of Psychosocial Factors. <i>Annals of Surgery</i> , 2019 , 270, 95-101	7.8	17
828	Complications after discharge and delays in adjuvant chemotherapy following colonic resection: a cohort study of linked primary and secondary care data. <i>Colorectal Disease</i> , 2019 , 21, 307-314	2.1	7

827	Identifying research priorities for patient safety in mental health: an international expert Delphi study. <i>BMJ Open</i> , 2018 , 8, e021361	3	11
826	Identifying quality markers of a safe surgical ward: An interview study of patients, clinical staff, and administrators. <i>Surgery</i> , 2018 , 163, 1226-1233	3.6	3
825	Gaze patterns hold key to unlocking successful search strategies and increasing polyp detection rate in colonoscopy. <i>Endoscopy</i> , 2018 , 50, 701-707	3.4	20
824	A model for habitus-adjusted paediatric weight estimation by age and data concerning the validation of this method on a large dataset of English children. <i>Data in Brief</i> , 2018 , 16, 771-774	1.2	
823	An observational study of the timing of surgery, use of laparoscopy and outcomes for acute cholecystitis in the USA and UK. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018 , 32, 3055-3063	5.2	19
822	Eye-tracking technology in medical education: A systematic review. <i>Medical Teacher</i> , 2018 , 40, 62-69	3	54
821	Risk of GERD-Related Disorders in Obese Patients on PPI Therapy: a Population Analysis. <i>Obesity Surgery</i> , 2018 , 28, 2796-2803	3.7	1
820	Long-term trends of use of health service among heart failure patients. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2018 , 4, 220-231	4.6	7
819	"The Longest Way Round Is The Shortest Way Home": An Overhaul of Surgical Ward Rounds. <i>World Journal of Surgery</i> , 2018 , 42, 937-949	3.3	8
818	Temporal Stress in the Operating Room: Brain Engagement Promotes "Coping" and Disengagement Prompts "Choking". <i>Annals of Surgery</i> , 2018 , 267, 683-691	7.8	25
817	Wearable Sensor Technology Efficacy in Peripheral Vascular Disease (wSTEP): A Randomized Controlled Trial. <i>Annals of Surgery</i> , 2018 , 268, 1113-1118	7.8	14
816	Surgical Management of Patients with Neuroendocrine Neoplasms of the Appendix: Appendectomy or More. <i>Neuroendocrinology</i> , 2018 , 106, 242-251	5.6	38
815	Improving the Quality of Ward-based Surgical Care With a Human Factors Intervention Bundle. <i>Annals of Surgery</i> , 2018 , 267, 73-80	7.8	2
814	Taste Changes after Bariatric Surgery: a Systematic Review. <i>Obesity Surgery</i> , 2018 , 28, 3321-3332	3.7	36
813	Care pathway and organisational features driving patient experience: statistical analysis of large NHS datasets. <i>BMJ Open</i> , 2018 , 8, e020411	3	7
812	Financial disincentives? A three-armed randomised controlled trial of the effect of financial incentives in Diabetic Eye Assessment by Screening (IDEAS) trial. <i>British Journal of Ophthalmology</i> , 2018 , 102, 1014-1020	5.5	8
811	Does Body Contouring After Bariatric Weight Loss Enhance Quality of Life? A Systematic Review of QOL Studies. <i>Obesity Surgery</i> , 2018 , 28, 3333-3341	3.7	40
810	Common Sequences of Emergency Readmissions among High-Impact Users following AAA Repair. <i>Surgery Research and Practice</i> , 2018 , 2018, 5468010	1.2	4

809	Improved physiology and metabolic flux after Roux-en-Y gastric bypass is associated with temporal changes in the circulating microRNAome: a longitudinal study in humans. <i>BMC Obesity</i> , 2018 , 5, 20	3.6	16
808	Impact of sharing electronic health records with patients on the quality and safety of care: a systematic review and narrative synthesis protocol. <i>BMJ Open</i> , 2018 , 8, e020387	3	6
807	Savings from reducing low-value general surgical interventions. <i>British Journal of Surgery</i> , 2018 , 105, 13-25	5.3	19
806	Improving the Usefulness and Use of Patient Survey Programs: National Health Service Interview Study. <i>Journal of Medical Internet Research</i> , 2018 , 20, e141	7.6	1
805	Medication Adherence Apps: Review and Content Analysis. <i>JMIR MHealth and UHealth</i> , 2018 , 6, e62	5.5	94
804	Sentiment Analysis of Health Care Tweets: Review of the Methods Used. <i>JMIR Public Health and Surveillance</i> , 2018 , 4, e43	11.4	69
803	Paediatric weight estimation by age in the digital era: optimising a necessary evil. <i>Resuscitation</i> , 2018 , 122, 29-35	4	9
802	Comparison of gaze behaviour of trainee and experienced surgeons during laparoscopic gastric bypass. <i>British Journal of Surgery</i> , 2018 , 105, 287-294	5.3	18
801	Induced Bias Due to Crossover Within Randomized Controlled Trials in Surgical Oncology: A Meta-regression Analysis of Minimally Invasive versus Open Surgery for the Treatment of Gastrointestinal Cancer. <i>Annals of Surgical Oncology</i> , 2018 , 25, 221-230	3.1	9
800	Interventions to improve employee health and well-being within health care organizations: A systematic review. <i>Journal of Healthcare Risk Management: the Journal of the American Society for Healthcare Risk Management</i> , 2018 , 37, 25-51	0.9	7
799	The future of the sweetened beverages tax in Portugal. <i>Lancet Public Health, The</i> , 2018 , 3, e562	22.4	25
798	Free-View, 3D Gaze-Guided, Assistive Robotic System for Activities of Daily Living 2018 ,		9
797	An improved rapid sampling microdialysis system for human and porcine organ monitoring in a hospital setting. <i>Analytical Methods</i> , 2018 , 10, 5273-5281	3.2	8
796	Intuitive Gaze-Control of a Robotized Flexible Endoscope 2018 ,		3
795	Trajectory Modelling to Assess Trends in Long-Term Readmission Rate among Abdominal Aortic Aneurysm Patients. <i>Surgery Research and Practice</i> , 2018 , 2018, 4321986	1.2	
794	Transforming health policy through machine learning. <i>PLoS Medicine</i> , 2018 , 15, e1002692	11.6	21
793	ESD CYCLOPS: A New Robotic Surgical System for GI Surgery 2018 ,		9
792	A British Perspective on the American College of Surgeons Conversation About Firearm Safety. <i>Annals of Surgery</i> , 2018 , 267, 430-431	7.8	

791	Comparison of cancer diagnosis recording between the Clinical Practice Research Datalink, Cancer Registry and Hospital Episodes Statistics. <i>Cancer Epidemiology</i> , 2018 , 57, 148-157	2.8	12
790	Current and Future Use of Radiological Images in the Management of Gynecological Malignancies - A Survey of Practice in the UK. <i>Anticancer Research</i> , 2018 , 38, 5867-5876	2.3	
789	Robotic Surgery Improves Technical Performance and Enhances Prefrontal Activation During High Temporal Demand. <i>Annals of Biomedical Engineering</i> , 2018 , 46, 1621-1636	4.7	16
788	Protocol for a clinical trial of text messaging in addition to standard care versus standard care alone in prevention of type 2 diabetes through lifestyle modification in India and the UK. <i>BMC Endocrine Disorders</i> , 2018 , 18, 63	3.3	2
787	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
786	The Influence of Antireflux Surgery on Esophageal Cancer Risk in England: National Population-based Cohort Study. <i>Annals of Surgery</i> , 2018 , 268, 861-867	7.8	12
785	Firearm Injuries and Violence Prevention - The Potential Power of a Surgeon General's Report. <i>New England Journal of Medicine</i> , 2018 , 379, 408-410	59.2	14
784	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	5.4	59
783	"Contemplating the Next Maneuver": Functional Neuroimaging Reveals Intraoperative Decision-making Strategies. <i>Annals of Surgery</i> , 2017 , 265, 320-330	7.8	11
782	Cardiac autonomic regulation as a predictor for childhood obesity intervention success. <i>International Journal of Obesity</i> , 2017 , 41, 824-827	5.5	1
781	A Single-Port Robotic System for Transanal Microsurgery Design and Validation. <i>IEEE Robotics and Automation Letters</i> , 2017 , 2, 1510-1517	4.2	36
780	Is endovascular treatment with multilayer flow modulator stent insertion a safe alternative to open surgery for high-risk patients with thoracoabdominal aortic aneurysm?. <i>Annals of Medicine and Surgery</i> , 2017 , 15, 1-8	2	4
779	Effective Manipulation in Confined Spaces of Highly Articulated Robotic Instruments for Single Access Surgery. <i>IEEE Robotics and Automation Letters</i> , 2017 , 2, 1704-1711	4.2	23
778	Impulsivity predicts weight loss after obesity surgery. <i>Surgery for Obesity and Related Diseases</i> , 2017 , 13, 1033-1040	3	30
777	Linked hospital and primary care database analysis of the impact of short-term complications on recurrence in laparoscopic inguinal hernia repair. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2017 , 21, 191-198	3.2	3
776	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
775	Incident reporting: rare incidents may benefit from national problem solving. <i>BMJ Quality and Safety</i> , 2017 , 26, 517	5.4	1
774	Meta-analysis of adjuvant therapy following curative surgery for periampullary adenocarcinoma. <i>British Journal of Surgery</i> , 2017 , 104, 814-822	5.3	28

773	Meta-analysis of determinants of survival following treatment of recurrent hepatocellular carcinoma. <i>British Journal of Surgery</i> , 2017 , 104, 1433-1442	5.3	55
772	How to harness the private sector for universal health coverage. <i>Lancet, The</i> , 2017 , 390, e19-e20	4.0	8
771	Colorectal surgery and enhanced recovery: Impact of a simulation-based care pathway training curriculum. <i>Journal of Visceral Surgery</i> , 2017 , 154, 313-320	1.9	6
770	Longitudinal analysis of serum oxylipin profile as a novel descriptor of the inflammatory response to surgery. <i>Journal of Translational Medicine</i> , 2017 , 15, 83	8.5	10
769	Can we use patient-reported feedback to drive change? The challenges of using patient-reported feedback and how they might be addressed. <i>BMJ Quality and Safety</i> , 2017 , 26, 502-507	5.4	38
768	Health care must mean safe care: enshrining patient safety in global health. <i>Lancet, The</i> , 2017 , 389, 1279-1281	4.281	9
767	Adopting Innovations in Care Delivery - The Case of Shared Medical Appointments. <i>New England Journal of Medicine</i> , 2017 , 376, 1105-1107	59.2	28
766	The psychological impact of symptoms related to esophagogastric cancer resection presenting in primary care: A national linked database study. <i>European Journal of Surgical Oncology</i> , 2017 , 43, 454-460	3.6	18
765	Bariatric Surgery or Non-surgical Weight Loss for Idiopathic Intracranial Hypertension? A Systematic Review and Comparison of Meta-analyses. <i>Obesity Surgery</i> , 2017 , 27, 513-521	3.7	58
764	A decade of imaging surgeons' brain function (part II): A systematic review of applications for technical and nontechnical skills assessment. <i>Surgery</i> , 2017 , 162, 1130-1139	3.6	10
763	Barriers to the implementation and uptake of simulation-based training programs in general surgery: a multinational qualitative study. <i>Journal of Surgical Research</i> , 2017 , 220, 419-426.e2	2.5	27
762	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
761	Sequence Analysis of Long-Term Readmissions among High-Impact Users of Cerebrovascular Patients. <i>Stroke Research and Treatment</i> , 2017 , 2017, 7062146	1.7	
760	The Determinants of Dying Where We Choose: An Analysis of Coordinate My Care. <i>Annals of Internal Medicine</i> , 2017 , 167, 519-521	8	8
759	Pre-operative serum VCAM-1 as a biomarker of atrial fibrillation after coronary artery bypass grafting. <i>Journal of Cardiothoracic Surgery</i> , 2017 , 12, 70	1.6	11
758	Systematic review of economic analyses in patient safety: a protocol designed to measure development in the scope and quality of evidence. <i>BMJ Open</i> , 2017 , 7, e017089	3	2
757	A decade of imaging surgeons' brain function (part I): Terminology, techniques, and clinical translation. <i>Surgery</i> , 2017 , 162, 1121-1130	3.6	13
756	Do hospitalisations for ambulatory care sensitive conditions reflect low access to primary care? An observational cohort study of primary care usage prior to hospitalisation. <i>BMJ Open</i> , 2017 , 7, e015704	3	24

755	American Surgical Association Presidential Forum: A Lifetime of Surgical Education: Can We Do better?. <i>Annals of Surgery</i> , 2017 , 266, 555-563	7.8	1
754	A prospective analysis of mucosal microbiome-metabonome interactions in colorectal cancer using a combined MAS 1HNMR and metataxonomic strategy. <i>Scientific Reports</i> , 2017 , 7, 8979	4.9	25
753	Chirurgie colorectale et r�habilitation am�ior� : impact d�une formation en parcours de soin simul�. <i>Journal De Chirurgie Visc�rale</i> , 2017 , 154, 321-328	0	
752	Reply to Letter: "Improving Escalation of Care: Development and Validation of the Quality of Information Transfer Tool". <i>Annals of Surgery</i> , 2017 , 266, e114-e115	7.8	
751	The relationship between physical activity and post-operative length of hospital stay: A systematic review. <i>International Journal of Surgery</i> , 2017 , 44, 295-302	7.5	18
750	Cybersecurity and healthcare: how safe are we?. <i>BMJ, The</i> , 2017 , 358, j3179	5.9	53
749	A retrospective cohort study of high-impact users among patients with cerebrovascular conditions. <i>BMJ Open</i> , 2017 , 7, e014618	3	1
748	Gaze-contingent perceptually enabled interactions in the operating theatre. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017 , 12, 1131-1140	3.9	13
747	The role of neurotensin as a novel biomarker in the endoscopic screening of high-risk population for developing colorectal neoplasia. <i>Updates in Surgery</i> , 2017 , 69, 397-402	2.9	11
746	Do International Health Partnerships contribute to reverse innovation? a mixed methods study of THET-supported partnerships in the UK. <i>Globalization and Health</i> , 2017 , 13, 25	10	21
745	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
744	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
743	Elevated serum microRNA 483-5p levels may predict patients at risk of post-operative atrial fibrillation. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 51, 73-78	3	46
742	Development of a theoretical framework of factors affecting patient safety incident reporting: a theoretical review of the literature. <i>BMJ Open</i> , 2017 , 7, e017155	3	23
741	Behavioural text message reminders to improve participation in cervical screening: a randomised controlled trial. <i>Lancet, The</i> , 2017 , 390, S46	40	6
740	The evolution of robotic surgery: surgical and anaesthetic aspects. <i>British Journal of Anaesthesia</i> , 2017 , 119, i72-i84	5.4	49
739	A randomised controlled trial of a duodenal-jejunal bypass sleeve device (EndoBarrier) compared with standard medical therapy for the management of obese subjects with type 2 diabetes mellitus. <i>BMJ Open</i> , 2017 , 7, e018598	3	9
738	Network analysis of surgical innovation: Measuring value and the virality of diffusion in robotic surgery. <i>PLoS ONE</i> , 2017 , 12, e0183332	3.7	20

737	Incentives in Diabetic Eye Assessment by Screening (IDEAS) trial: a three-armed randomised controlled trial of financial incentives. <i>Health Services and Delivery Research</i> , 2017 , 5, 1-60	1.5	4
736	Enhanced recovery after surgery: Current research insights and future direction. <i>World Journal of Gastrointestinal Surgery</i> , 2017 , 9, 37-45	2.4	41
735	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
734	Rapid sampling microdialysis as a novel tool for parenchyma assessment during static cold storage and hypothermic machine perfusion in a translational ex vivo porcine kidney model. <i>Journal of Surgical Research</i> , 2016 , 200, 332-45	2.5	16
733	Communication aid requirements of intensive care unit patients with transient speech loss. <i>AAC: Augmentative and Alternative Communication</i> , 2016 , 32, 261-271	3.5	25
732	The global shortage of health workers-an opportunity to transform care. <i>Lancet, The</i> , 2016 , 388, 2576-2577	4.7	38
731	National Survey of UK Consultant Surgeons' Opinions on Surgeon-Specific Mortality Data in Cardiothoracic Surgery. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016 , 9, 414-23	5.8	23
730	Outcomes of dementia: Systematic review and meta-analysis of hospital administrative database studies. <i>Archives of Gerontology and Geriatrics</i> , 2016 , 66, 198-204	4	51
729	A quantitative evidence base for population health: applying utilization-based cluster analysis to segment a patient population. <i>Population Health Metrics</i> , 2016 , 14, 44	3	21
728	Organ Pretreatment With Cytotoxic Endothelial Localizing Peptides to Ameliorate Microvascular Thrombosis and Perfusion Deficits in Ex Vivo Renal Hemoreperfusion Models. <i>Transplantation</i> , 2016 , 100, e128-e139	1.8	23
727	Duplication cyst of the appendix: a proposal for modification of the Cave-Wallbridge classification. <i>ANZ Journal of Surgery</i> , 2016 , 86, 731-2	1	1
726	Looking towards objective quality evaluation in colonoscopy: Analysis of visual gaze patterns. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016 , 31, 604-9	4	7
725	The Preservation of Cued Recall in the Acute Mentally Fatigued State: A Randomised Crossover Study. <i>World Journal of Surgery</i> , 2016 , 40, 56-65	3.3	4
724	Introducing Technical Skills Assessment Into Certification: Closing the Implementation Gap. <i>Annals of Surgery</i> , 2016 , 264, 7-9	7.8	3
723	Robotic surgery: disruptive innovation or unfulfilled promise? A systematic review and meta-analysis of the first 30 years. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016 , 30, 4330-32	5.3	47
722	Natural Orifice Transluminal Endoscopic Surgery: Review of Its Applications in Bariatric Procedures. <i>Obesity Surgery</i> , 2016 , 26, 422-8	3.7	2
721	Real time intraoperative classification of breast tissue with the intelligent knife. <i>European Journal of Surgical Oncology</i> , 2016 , 42, S25	3.6	2
720	Incentives in Diabetic Eye Assessment by Screening (IDEAS): study protocol of a three-arm randomized controlled trial using financial incentives to increase screening uptake in London. <i>BMC Ophthalmology</i> , 2016 , 16, 28	2.3	10

719	Meta-analysis of population-based studies comparing risk of cerebrovascular accident associated with first- and second-generation antipsychotic prescribing in dementia. <i>International Journal of Methods in Psychiatric Research</i> , 2016 , 25, 289-298	4.3	10
718	Outcome of TORS to tongue base and epiglottis in patients with OSA intolerant of conventional treatment. <i>Sleep and Breathing</i> , 2016 , 20, 739-47	3.1	30
717	Comparative Performance in Single-Port Versus Multiport Minimally Invasive Surgery, and Small Versus Large Operative Working Spaces: A Preclinical Randomized Crossover Trial. <i>Surgical Innovation</i> , 2016 , 23, 148-55	2	6
716	Structured cues or modafinil for fatigue amelioration in clinicians? A double-blind, randomized controlled trial of critical clinical information recall in fatigued clinicians. <i>Surgery</i> , 2016 , 159, 1181-90	3.6	2
715	Type 1 Diabetes Mellitus and Bariatric Surgery: A Systematic Review and Meta-Analysis. <i>Obesity Surgery</i> , 2016 , 26, 1697-704	3.7	33
714	Diagnostic validity of behavioural and psychometric impulsivity measures: An assessment in adolescent and adult populations. <i>Personality and Individual Differences</i> , 2016 , 90, 347-352	3.3	10
713	Does the Country of Origin Matter in Health Care Innovation Diffusion?. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 1103-4	27.4	9
712	Skeletal Muscle Changes After Elective Colorectal Cancer Resection: A Longitudinal Study. <i>Annals of Surgical Oncology</i> , 2016 , 23, 2539-47	3.1	26
711	Skill acquisition and stress adaptations following laparoscopic surgery training and detraining in novice surgeons. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016 , 30, 2961-8	5.2	19
710	Reply to the letter: WhatsApp with patient data transmitted via instant messaging?. <i>American Journal of Surgery</i> , 2016 , 211, 301-2	2.7	5
709	Comparing transaxillary robotic thyroidectomy with conventional surgery in a UK population: A case control study. <i>International Journal of Surgery</i> , 2016 , 27, 110-117	7.5	37
708	Disparity in Frontal Lobe Connectivity on a Complex Bimanual Motor Task Aids in Classification of Operator Skill Level. <i>Brain Connectivity</i> , 2016 , 6, 375-88	2.7	22
707	Reversal to normal anatomy after failed gastric bypass: systematic review of indications, techniques, and outcomes. <i>Surgery for Obesity and Related Diseases</i> , 2016 , 12, 1351-1356	3	13
706	Variations and adaptations of associated liver partition and portal vein ligation for staged hepatectomy (ALPPS): Many routes to the summit. <i>Surgery</i> , 2016 , 159, 1058-72	3.6	29
705	Pharmacological manipulation of impulsivity: A randomized controlled trial. <i>Personality and Individual Differences</i> , 2016 , 90, 321-325	3.3	3
704	Measuring perceived exercise capability and investigating its relationship with childhood obesity: a feasibility study. <i>International Journal of Obesity</i> , 2016 , 40, 34-8	5.5	8
703	A "Smart" Force-Limiting Instrument for Microsurgery: Laboratory and In Vivo Validation. <i>PLoS ONE</i> , 2016 , 11, e0162232	3.7	6
702	Interprofessional Communication of Clinicians Using a Mobile Phone App: A Randomized Crossover Trial Using Simulated Patients. <i>Journal of Medical Internet Research</i> , 2016 , 18, e79	7.6	17

701	A Patient-Centered Framework for Evaluating Digital Maturity of Health Services: A Systematic Review. <i>Journal of Medical Internet Research</i> , 2016 , 18, e75	7.6	21
700	Frugal Innovations for Healthcare: A Toolkit for Innovators. <i>Proceedings - Academy of Management</i> , 2016 , 2016, 12622	0.1	2
699	Fifty Years of Innovation in Plastic Surgery. <i>Archives of Plastic Surgery</i> , 2016 , 43, 145-52	1.6	6
698	Systematic Review of Hospital Readmissions in Stroke Patients. <i>Stroke Research and Treatment</i> , 2016 , 2016, 9325368	1.7	35
697	ISQUA16-1828 EVALUATION FRAMEWORK FOR PATIENT SAFETY INCIDENT REPORTING SYSTEMS. <i>International Journal for Quality in Health Care</i> , 2016 , 28, 8-9	1.9	2
696	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
695	Linked Hospital and Primary Care Database Analysis of the Incidence and Impact of Psychiatric Morbidity Following Gastrointestinal Cancer Surgery in England. <i>Annals of Surgery</i> , 2016 , 264, 93-9	7.8	14
694	Long-term prospective evaluation comparing robotic parathyroidectomy with minimally invasive open parathyroidectomy for primary hyperparathyroidism. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E300-6	4.2	25
693	Improving Escalation of Care: A Double-blinded Randomized Controlled Trial. <i>Annals of Surgery</i> , 2016 , 263, 421-6	7.8	8
692	Can contrast-enhanced ultrasonography improve Zone III REBOA placement for prehospital care?. <i>Journal of Trauma and Acute Care Surgery</i> , 2016 , 80, 89-94	3.3	33
691	The effect of gestational age and cervical length measurements in the prediction of spontaneous preterm birth in twin pregnancies: an individual patient level meta-analysis. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016 , 123, 877-84	3.7	34
690	Using preoperative imaging for intraoperative guidance: a case of mistaken identity. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2016 , 12, 262-7	2.9	4
689	Colorectal endoscopic submucosal dissection: Systematic review of mid-term clinical outcomes. <i>Digestive Endoscopy</i> , 2016 , 28, 405-416	3.7	25
688	Implementation of objective activity monitoring to supplement the interpretation of ambulatory esophageal PH investigations. <i>Ecological Management and Restoration</i> , 2016 , 29, 255-61	3	1
687	The Theory and Practice of Nudging Changing Health Behaviors. <i>Public Administration Review</i> , 2016 , 76, 550-561	5.8	58
686	Post-operative atrial fibrillation is associated with a pre-existing structural and electrical substrate in human right atrial myocardium. <i>International Journal of Cardiology</i> , 2016 , 220, 580-8	3.2	17
685	Improving Escalation of Care: Development and Validation of the Quality of Information Transfer Tool. <i>Annals of Surgery</i> , 2016 , 263, 477-86	7.8	12
684	Adoption and success rates of perineal procedures for fistula-in-ano: a systematic review. <i>Colorectal Disease</i> , 2016 , 18, 441-58	2.1	43

683	Mentoring perception, scientific collaboration and research performance: is there a 'gender gap' in academic medicine? An Academic Health Science Centre perspective. <i>Postgraduate Medical Journal</i> , 2016 , 92, 581-6	2	20
682	Modifying the Interagency Emergency Health Kit to include treatment for non-communicable diseases in natural disasters and complex emergencies. <i>BMJ Global Health</i> , 2016 , 1, e000128	6.6	8
681	Eye tracking research: seen through the patient's eyes.. <i>BMJ Simulation and Technology Enhanced Learning</i> , 2016 , 2, 101-102	1.1	3
680	Leadership behaviours and healthcare research performance: prospective correlational study. <i>Postgraduate Medical Journal</i> , 2016 , 92, 663-669	2	3
679	Enhancing risk stratification for use in integrated care: a cluster analysis of high-risk patients in a retrospective cohort study. <i>BMJ Open</i> , 2016 , 6, e012903	3	11
678	Mentoring perception and academic performance: an Academic Health Science Centre survey. <i>Postgraduate Medical Journal</i> , 2016 , 92, 597-602	2	11
677	Design of a smart 3D-printed wristed robotic surgical instrument with embedded force sensing and modularity 2016 ,		8
676	Soft tissue deformation for surgical simulation: a position-based dynamics approach. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016 , 11, 919-28	3.9	30
675	Persistent Prefrontal Engagement Despite Improvements in Laparoscopic Technical Skill. <i>JAMA Surgery</i> , 2016 , 151, 682-4	5.4	16
674	Intraoperative tissue identification by mass spectrometric technologies. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 85, 2-9	14.6	27
673	"Priming" hand hygiene compliance in clinical environments. <i>Health Psychology</i> , 2016 , 35, 96-101	5	54
672	The use of commitment techniques to support weight loss maintenance in obese adolescents. <i>Psychology and Health</i> , 2016 , 31, 1332-41	2.9	10
671	Innovation and surgical clinical trials. <i>Lancet, The</i> , 2016 , 388, 1027-1028	40	6
670	Predictors of Treatment Decisions in Multidisciplinary Oncology Meetings: A Quantitative Observational Study. <i>Annals of Surgical Oncology</i> , 2016 , 23, 4410-4417	3.1	26
669	Quantified-Self for Obesity: Physical Activity Behaviour Sensing to Improve Health Outcomes. <i>Studies in Health Technology and Informatics</i> , 2016 , 220, 414-6	0.5	8
668	Using Motion-Sensor Games to Encourage Physical Activity for Adults with Intellectual Disability. <i>Studies in Health Technology and Informatics</i> , 2016 , 220, 417-23	0.5	11
667	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
666	Technological innovation in neurosurgery: a quantitative study. <i>Journal of Neurosurgery</i> , 2015 , 123, 174-81	3.1	25

665	A pilot randomised controlled trial evaluating postoperative packing of the perianal abscess. <i>Langenbeck's Archives of Surgery</i> , 2015 , 400, 267-71	3.4	21
664	Consumer demand for surgical innovation: a systematic review of public perception of NOTES. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015 , 29, 774-80	5.2	7
663	Surgical care checklists to optimize patient care following postoperative complications. <i>American Journal of Surgery</i> , 2015 , 210, 517-25	2.7	10
662	Magnets for therapy in the GI tract: a systematic review. <i>Gastrointestinal Endoscopy</i> , 2015 , 82, 237-45	5.2	5
661	Development, Organisation and Implementation of a Surgical Skills 'Boot Camp': SIMweek. <i>World Journal of Surgery</i> , 2015 , 39, 1649-60	3.3	26
660	Anticipation and choice heuristics in the dynamic consumption of pain relief. <i>PLoS Computational Biology</i> , 2015 , 11, e1004030	5	3
659	Effectiveness of interventions to improve patient handover in surgery: A systematic review. <i>Surgery</i> , 2015 , 158, 85-95	3.6	62
658	An immersive "simulation week" enhances clinical performance of incoming surgical interns improved performance persists at 6 months follow-up. <i>Surgery</i> , 2015 , 157, 432-43	3.6	28
657	Role of reconstructive surgery in the management of head and neck cancer: a national outcomes analysis of 11,841 reconstructions. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015 , 68, 469-178	1.7	12
656	A wearable mobility assessment device for total knee replacement: A longitudinal feasibility study. <i>International Journal of Surgery</i> , 2015 , 18, 14-20	7.5	22
655	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
654	Safety of transvaginal hybrid NOTES cholecystectomy: a systematic review and meta-analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015 , 29, 2077-90	5.2	21
653	Enhanced recovery simulation in colorectal surgery: design of virtual online patients. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015 , 29, 2270-7	5.2	6
652	Evaluation of a novel flexible snake robot for endoluminal surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015 , 29, 3349-55	5.2	28
651	da Vinci robot-assisted keyhole neurosurgery: a cadaver study on feasibility and safety. <i>Neurosurgical Review</i> , 2015 , 38, 367-71; discussion 371	3.9	39
650	Education and training in pediatric robotic surgery: lessons learned from an inaugural multinational workshop. <i>Journal of Robotic Surgery</i> , 2015 , 9, 57-63	2.9	7
649	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
648	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

647	Determination of biometric measures to evaluate patient suitability for transoral robotic surgery. <i>Head and Neck</i> , 2015 , 37, 1254-60	4.2	27
646	Force-Sensing Enhanced Simulation Environment (ForSense) for laparoscopic surgery training and assessment. <i>Surgery</i> , 2015 , 157, 723-31	3.6	22
645	The quality narrative in health care. <i>Lancet, The</i> , 2015 , 385, 1367-8	4.0	0
644	Imaging breast cancer morphology using probe-based confocal laser endomicroscopy: towards a real-time intraoperative imaging tool for cavity scanning. <i>Breast Cancer Research and Treatment</i> , 2015 , 153, 299-310	4.4	22
643	Identifying quality markers and improvement measures for ward-based surgical care: a semistructured interview study. <i>American Journal of Surgery</i> , 2015 , 210, 211-8	2.7	9
642	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
641	Raising the Alarm: A Cross-Sectional Study Exploring the Factors Affecting Patients' Willingness to Escalate Care on Surgical Wards. <i>World Journal of Surgery</i> , 2015 , 39, 2207-13	3.3	1
640	Robotic surgery in children: adopt now, await, or dismiss?. <i>Pediatric Surgery International</i> , 2015 , 31, 1119-25	2.2	22
639	Comparative effectiveness and safety of image guidance systems in neurosurgery: a preclinical randomized study. <i>Journal of Neurosurgery</i> , 2015 , 123, 307-13	3.2	24
638	The uses of smartphones and tablet devices in surgery: A systematic review of the literature. <i>Surgery</i> , 2015 , 158, 1352-71	3.6	51
637	A Randomized Controlled Study to Evaluate the Impact of Instrument and Laparoscope Length on Performance and Learning Curve in Single-Incision Laparoscopic Surgery. <i>Surgical Innovation</i> , 2015 , 22, 621-8	2	7
636	Metabolic phenotype-microRNA data fusion analysis of the systemic consequences of Roux-en-Y gastric bypass surgery. <i>International Journal of Obesity</i> , 2015 , 39, 1126-34	5.5	25
635	Robust ultrasound probe tracking: initial clinical experiences during robot-assisted partial nephrectomy. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015 , 10, 1905-13	3.9	22
634	A weight-management camp followed by weekly after-school lifestyle education sessions as an obesity intervention for Qatari children: a prospective cohort study. <i>Lancet, The</i> , 2015 , 386, S72	4.0	3
633	The Face, Content, and Construct Validity Assessment of a Focused Assessment in Sonography for Trauma Simulator. <i>Journal of Surgical Education</i> , 2015 , 72, 1032-8	3.4	6
632	Deliberate practice enhances quality of laparoscopic surgical performance in a randomized controlled trial: from arrested development to expert performance. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015 , 29, 3154-62	5.2	51
631	A novel flexible hyper-redundant surgical robot: prototype evaluation using a single incision flexible access pelvic application as a clinical exemplar. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015 , 29, 658-67	5.2	14
630	Design and validation of the surgical ward round assessment tool: a quantitative observational study. <i>American Journal of Surgery</i> , 2015 , 209, 682-688.e2	2.7	6

629	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
628	The role of the posterior parietal cortex in stereopsis and hand-eye coordination during motor task behaviours. <i>Cognitive Processing</i> , 2015 , 16, 177-90	1.5	5
627	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
626	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
625	Rapid manufacturing with selective laser melting for robotic surgical tools: Design and process considerations 2015 ,		6
624	PTU-129 Do gastrointestinal cancer patients want to decide where they have tests and surgery? a questionnaire study of provider choice and information needs. <i>Gut</i> , 2015 , 64, A119.2-A120	19.2	
623	OC-096 The delivery of high-risk emergency general surgery across the dr foster global comparators network: an examination of international outcomes. <i>Gut</i> , 2015 , 64, A48.1-A48	19.2	
622	PTU-269 Lack of engagement in surgical quality improvement research is associated with poorer quality of care. <i>Gut</i> , 2015 , 64, A179.3-A180	19.2	
621	Social redistribution of pain and money. <i>Scientific Reports</i> , 2015 , 5, 15389	4.9	14
620	Escalation of care in surgery: a systematic risk assessment to prevent avoidable harm in hospitalized patients. <i>Annals of Surgery</i> , 2015 , 261, 831-8	7.8	33
619	Measurement of the association between perceived exercise capability and childhood obesity: a feasibility study. <i>Lancet, The</i> , 2015 , 386, S71	4.0	3
618	A Study of Clinical Coding Accuracy in Surgery: Implications for the Use of Administrative Big Data for Outcomes Management. <i>Annals of Surgery</i> , 2015 , 261, 1096-107	7.8	42
617	The Imperial Clarify, Design and Evaluate (CDE) approach to mHealth app development. <i>BMJ Innovations</i> , 2015 , 1, 39-42	1.8	12
616	PWE-291 Falling emergency operation rates and reduced mortality after colon cancer surgery in england: a cohort study. <i>Gut</i> , 2015 , 64, A339.2-A340	19.2	
615	Systematic review with meta-analysis of the impact of surgical fellowship training on patient outcomes. <i>British Journal of Surgery</i> , 2015 , 102, 1156-66	5.3	34
614	Traumatic intra-abdominal hemorrhage control: has current technology tipped the balance toward a role for prehospital intervention?. <i>Journal of Trauma and Acute Care Surgery</i> , 2015 , 78, 153-63	3.3	25
613	Bariatric surgery and nonalcoholic fatty liver disease. <i>European Journal of Gastroenterology and Hepatology</i> , 2015 , 27, 755-68	2.2	20
612	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

611	Robotic versus non-robotic instruments in spatially constrained operating workspaces: a pre-clinical randomized crossover study. <i>BJU International</i> , 2015 , 116, 415-22	5.6	9
610	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
609	Stating Appointment Costs in SMS Reminders Reduces Missed Hospital Appointments: Findings from Two Randomised Controlled Trials. <i>PLoS ONE</i> , 2015 , 10, e0137306	3.7	31
608	Risk of Post-Discharge Venous Thromboembolism and Associated Mortality in General Surgery: A Population-Based Cohort Study Using Linked Hospital and Primary Care Data in England. <i>PLoS ONE</i> , 2015 , 10, e0145759	3.7	30
607	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. <i>PLoS ONE</i> , 2015 , 10, e0144107	3.7	58
606	Assessing functional mobility after lower limb reconstruction: a psychometric evaluation of a sensor-based mobility score. <i>Annals of Surgery</i> , 2015 , 261, 800-6	7.8	11
605	Where Manchester leads on control of health and social care budget London should follow. <i>BMJ, The</i> , 2015 , 350, h1572	5.9	
604	Validation of a pediatric single-port laparoscopic surgery simulator. <i>Journal of Pediatric Surgery</i> , 2015 , 50, 1762-6	2.6	7
603	The endoscopy evolution: 'the superscope era'. <i>Frontline Gastroenterology</i> , 2015 , 6, 101-107	2.6	19
602	Trends in Immediate Postmastectomy Breast Reconstruction in the United Kingdom. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015 , 3, e507	1.2	34
601	A Randomized Controlled Trial to Assess the Effects of Competition on the Development of Laparoscopic Surgical Skills. <i>Journal of Surgical Education</i> , 2015 , 72, 1077-84	3.4	13
600	A novel modification of the Turing test for artificial intelligence and robotics in healthcare. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2015 , 11, 38-43	2.9	21
599	Spatially resolved metabolic phenotyping of breast cancer by desorption electrospray ionization mass spectrometry. <i>Cancer Research</i> , 2015 , 75, 1828-37	10.1	105
598	Development and validation of a symptom-based severity score for haemorrhoidal disease: the Sodergren score. <i>Colorectal Disease</i> , 2015 , 17, 612-8	2.1	42
597	Differences in gaze behaviour of expert and junior surgeons performing open inguinal hernia repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015 , 29, 405-13	5.2	61
596	"Nothing About Me Without Me": An Interpretative Review of Patient Accessible Electronic Health Records. <i>Journal of Medical Internet Research</i> , 2015 , 17, e161	7.6	48
595	Identifying Quality Indicators Used by Patients to Choose Secondary Health Care Providers: A Mixed Methods Approach. <i>JMIR MHealth and UHealth</i> , 2015 , 3, e65	5.5	9
594	Neoadjuvant chemotherapy and primary-first approach for rectal cancer with synchronous liver metastases. <i>Colorectal Disease</i> , 2014 , 16, O197-205	2.1	15

593	Development of a knowledge, skills, and attitudes framework for training in laparoscopic cholecystectomy. <i>American Journal of Surgery</i> , 2014 , 207, 790-6	2.7	17
592	A systematic review of enhanced recovery care after colorectal surgery in elderly patients. <i>Colorectal Disease</i> , 2014 , 16, 947-56	2.1	127
591	1H NMR global metabolic phenotyping of acute pancreatitis in the emergency unit. <i>Journal of Proteome Research</i> , 2014 , 13, 5362-75	5.6	19
590	International attitudes of early adopters to current and future robotic technologies in pediatric surgery. <i>Journal of Pediatric Surgery</i> , 2014 , 49, 1522-6	2.6	22
589	Bariatric surgery modulates circulating and cardiac metabolites. <i>Journal of Proteome Research</i> , 2014 , 13, 570-80	5.6	40
588	Smartphone breast applications - what's the evidence?. <i>Breast</i> , 2014 , 23, 683-9	3.6	81
587	Vascularity assessment of parathyroid glands using confocal endomicroscopy: Towards an intraoperative imaging tool for real-time in situ viability assessment. <i>European Journal of Surgical Oncology</i> , 2014 , 40, S3	3.6	3
586	Enhancing surgical performance outcomes through process-driven care: a systematic review. <i>World Journal of Surgery</i> , 2014 , 38, 1362-73	3.3	13
585	A comparative study of contrasting surgical residency programs. <i>World Journal of Surgery</i> , 2014 , 38, 2495-501	5.01	6
584	The impact of shortened postgraduate surgical training on colorectal cancer outcome. <i>International Journal of Colorectal Disease</i> , 2014 , 29, 631-8	3	2
583	The role of caseload in determining outcome following laparoscopic colorectal cancer resection: an observational study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014 , 28, 134-42	5.2	7
582	Decision-making in Colorectal Cancer Tumor Board meetings: results of a prospective observational assessment. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014 , 28, 2783-8	5.2	30
581	What is the effect of laparoscopic colectomy on pattern of colon cancer recurrence? A propensity score and competing risk analysis compared with open colectomy. <i>Annals of Surgical Oncology</i> , 2014 , 21, 2627-35	3.1	12
580	Reconciliation of international administrative coding systems for comparison of colorectal surgery outcome. <i>Colorectal Disease</i> , 2014 , 16, 555-61	2.1	6
579	Nontechnical skills performance and care processes in the management of the acute trauma patient. <i>Surgery</i> , 2014 , 155, 902-9	3.6	31
578	Surgical smartphone applications across different platforms: their evolution, uses, and users. <i>Surgical Innovation</i> , 2014 , 21, 427-40	2	40
577	Is social deprivation associated with weight loss outcomes following bariatric surgery? A 10-year single institutional experience. <i>Obesity Surgery</i> , 2014 , 24, 2126-32	3.7	11
576	Experience related factors compensate for haptic loss in robot-assisted laparoscopic surgery. <i>Journal of Endourology</i> , 2014 , 28, 532-8	2.7	16

575	Neuropsychological assessment as a predictor of weight loss in obese adolescents. <i>International Journal of Obesity</i> , 2014 , 38, 507-12	5.5	69
574	A global Delphi consensus study on defining and measuring quality in surgical training. <i>Journal of the American College of Surgeons</i> , 2014 , 219, 346-53.e7	4.4	25
573	Eye tracking for skills assessment and training: a systematic review. <i>Journal of Surgical Research</i> , 2014 , 191, 169-78	2.5	106
572	Virtual reality case-specific rehearsal in temporal bone surgery: a preliminary evaluation. <i>International Journal of Surgery</i> , 2014 , 12, 141-5	7.5	28
571	Development of an evidence-based curriculum for training of ward-based surgical care. <i>American Journal of Surgery</i> , 2014 , 207, 213-7	2.7	10
570	Escalation of care and failure to rescue: a multicenter, multiprofessional qualitative study. <i>Surgery</i> , 2014 , 155, 989-94	3.6	56
569	Defining quality in surgical training: perceptions of the profession. <i>American Journal of Surgery</i> , 2014 , 207, 628-36	2.7	16
568	Reply: To PMID 24857271. <i>Urology</i> , 2014 , 84, 243	1.6	1
567	Laparoscopic ultrasonography versus intra-operative cholangiogram for the detection of common bile duct stones during laparoscopic cholecystectomy: a meta-analysis of diagnostic accuracy. <i>International Journal of Surgery</i> , 2014 , 12, 712-9	7.5	39
566	Image guidance for all--TilePro display of 3-dimensionally reconstructed images in robotic partial nephrectomy. <i>Urology</i> , 2014 , 84, 237-42	1.6	31
565	Review of selected national surgical curricula: quantity is not the sole marker of quality. <i>Journal of Surgical Education</i> , 2014 , 71, 229-40	3.4	4
564	Virtual reality simulation training in Otolaryngology. <i>International Journal of Surgery</i> , 2014 , 12, 87-94	7.5	61
563	What is the risk of death or severe harm due to bone cement implantation syndrome among patients undergoing hip hemiarthroplasty for fractured neck of femur? A patient safety surveillance study. <i>BMJ Open</i> , 2014 , 4, e004853	3	35
562	The WHO surgical safety checklist: survey of patients' views. <i>BMJ Quality and Safety</i> , 2014 , 23, 939-46	5.4	19
561	Re-Exploration of the Post-Operative Route to Functional Mobility after Lower Limb Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2014 , 134, 71-72	2.7	8
560	Surgical statistics: let's act fast and grasp the opportunity. <i>Annals of Surgery</i> , 2014 , 259, e12-3	7.8	
559	Towards the next frontier for simulation-based training: full-hospital simulation across the entire patient pathway. <i>Annals of Surgery</i> , 2014 , 260, 252-8	7.8	17
558	Virtual-world hospital simulation for real-world disaster response: Design and validation of a virtual reality simulator for mass casualty incident management. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 77, 315-21	3.3	34

557	Design and evaluation of a novel flexible robot for transluminal and endoluminal surgery 2014 ,		8
556	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
555	Redesigning the 'choice architecture' of hospital prescription charts: a mixed methods study incorporating in situ simulation testing. <i>BMJ Open</i> , 2014 , 4, e005473	3	6
554	Pain, well-being, body image and cosmesis: a comparison of single-port and four-port laparoscopic cholecystectomy. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2014 , 23, 223-9	2.1	19
553	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
552	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
551	Robot-assisted minimally invasive surgery for pediatric solid tumors: a systematic review of feasibility and current status. <i>European Journal of Pediatric Surgery</i> , 2014 , 24, 127-35	1.9	21
550	Tweets about hospital quality: a mixed methods study. <i>BMJ Quality and Safety</i> , 2014 , 23, 838-46	5.4	57
549	Flexible platforms for natural orifice transluminal and endoluminal surgery. <i>Endoscopy International Open</i> , 2014 , 2, E117-23	3	21
548	Response to Amaral et al. <i>Thyroid</i> , 2014 , 24, 779-80	6.2	
547	Requirements of a new communication technology for handover and the escalation of patient care: a multi-stakeholder analysis. <i>Journal of Evaluation in Clinical Practice</i> , 2014 , 20, 486-97	2.5	15
546	Endoscopic and keyhole endoscope-assisted neurosurgical approaches: a qualitative survey on technical challenges and technological solutions. <i>British Journal of Neurosurgery</i> , 2014 , 28, 606-10	1	23
545	CYCLOPS: A versatile robotic tool for bimanual single-access and natural-orifice endoscopic surgery 2014 ,		15
544	Online social networking services in the management of patients with diabetes mellitus: systematic review and meta-analysis of randomised controlled trials. <i>Diabetes Research and Clinical Practice</i> , 2014 , 106, 200-11	7.4	57
543	Meta-analysis of robot-assisted vs conventional laparoscopic and open pyeloplasty in children. <i>BJU International</i> , 2014 , 114, 582-94	5.6	75
542	Face and content validity of sheep heads in endoscopic rhinology training. <i>International Forum of Allergy and Rhinology</i> , 2014 , 4, 851-8	6.3	17
541	ANALYSIS OF PATIENTS' COMMENTS ABOUT HOSPITALS IN THE ENGLISH NHS VIA TWITTER, AND COMPARISON WITH PATIENT SURVEYS. <i>BMJ Quality and Safety</i> , 2014 , 23, 348.2-348	5.4	3
540	A census of robotic urological practice and training: a survey of the robotic section of the European Association of Urology. <i>Journal of Robotic Surgery</i> , 2014 , 8, 349-355	2.9	2

539	Rapid diagnosis and staging of colorectal cancer via high-resolution magic angle spinning nuclear magnetic resonance (HR-MAS NMR) spectroscopy of intact tissue biopsies. <i>Annals of Surgery</i> , 2014 , 259, 1138-49	7.8	51
538	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
537	Reducing the burden of surgical harm: a systematic review of the interventions used to reduce adverse events in surgery. <i>Annals of Surgery</i> , 2014 , 259, 630-41	7.8	62
536	Comparative effectiveness of 3-dimensional vs 2-dimensional and high-definition vs standard-definition neuroendoscopy: a preclinical randomized crossover study. <i>Neurosurgery</i> , 2014 , 74, 375-80; discussion 380-1	3.2	33
535	Systematic review of the impact of surgical harm on quality of life after general and gastrointestinal surgery. <i>Annals of Surgery</i> , 2014 , 260, 975-83	7.8	30
534	Ward simulation to improve surgical ward round performance: a randomized controlled trial of a simulation-based curriculum. <i>Annals of Surgery</i> , 2014 , 260, 236-43	7.8	41
533	Validation of the simulated ward environment for assessment of ward-based surgical care. <i>Annals of Surgery</i> , 2014 , 259, 215-21	7.8	38
532	Robotics in keyhole transcranial endoscope-assisted microsurgery: a critical review of existing systems and proposed specifications for new robotic platforms. <i>Operative Neurosurgery</i> , 2014 , 10 Suppl 1, 84-95; discussion 95-6	1.6	21
531	Randomized clinical trial of the impact of surgical ward-care checklists on postoperative care in a simulated environment. <i>British Journal of Surgery</i> , 2014 , 101, 1666-73	5.3	30
530	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
529	Endoscopic horizon stabilization in natural orifice transluminal endoscopic surgery: a randomized controlled trial. <i>Surgical Innovation</i> , 2014 , 21, 74-9	2	4
528	Case review in urology multidisciplinary team meetings: What members think of its functioning. <i>Journal of Clinical Urology</i> , 2014 , 7, 394-402	0.2	6
527	Surgical ward round quality and impact on variable patient outcomes. <i>Annals of Surgery</i> , 2014 , 259, 222-6	7.8	41
526	The role of epithelial mesenchymal transition and resistance to neoadjuvant therapy in locally advanced rectal cancer. <i>Colorectal Disease</i> , 2014 , 16, O133-43	2.1	39
525	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
524	Is hand-sewn anastomosis superior to stapled anastomosis following oesophagectomy?. <i>International Journal of Surgery</i> , 2014 , 12, 7-15	7.5	14
523	Intraoperative ultrasound overlay in robot-assisted partial nephrectomy: first clinical experience. <i>European Urology</i> , 2014 , 65, 671-2	10.2	26
522	Gynecologic endoscopy skills training and assessment: review. <i>Journal of Minimally Invasive Gynecology</i> , 2014 , 21, 28-43	2.2	7

521	Adhesions after abdominal surgery: a systematic review of the incidence, distribution and severity. <i>Surgery Today</i> , 2014 , 44, 405-20	3	112
520	Robot-assisted and fluoroscopy-guided pedicle screw placement: a systematic review. <i>European Spine Journal</i> , 2014 , 23, 291-7	2.7	49
519	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
518	3D Simulation of a Hospital Environment and Ward Round to Augment a Summer School Program for Pre-Medical Students. <i>Studies in Health Technology and Informatics</i> , 2014 , 196, 209-14	0.5	1
517	Patients' attitudes towards patient involvement in safety interventions: results of two exploratory studies. <i>Health Expectations</i> , 2013 , 16, e164-76	3.7	30
516	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
515	How should perineal wounds be closed following abdominoperineal resection in patients post radiotherapy--primary closure or flap repair? Best evidence topic (BET). <i>International Journal of Surgery</i> , 2013 , 11, 514-7	7.5	45
514	Obesity-related cardiorenal disease: the benefits of bariatric surgery. <i>Nature Reviews Nephrology</i> , 2013 , 9, 539-51	14.9	25
513	A randomised comparative study evaluating learning curves of novices in a basic single-incision laparoscopic surgery task. <i>Journal of Gastrointestinal Surgery</i> , 2013 , 17, 569-75	3.3	15
512	Have we learned from lessons of the past? A systematic review of training for single incision laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013 , 27, 1478-84	5.2	35
511	Single-incision transumbilical levels 1 and 2 axillary lymph node dissection using a flexible endoscope in human cadaveric models. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013 , 27, 478-86	5.2	3
510	Call-associated acute fatigue in surgical residents--subjective perception or objective fact? A cross-sectional observational study to examine the influence of fatigue on surgical performance. <i>World Journal of Surgery</i> , 2013 , 37, 1176-7	3.3	1
509	Identifying and addressing preventable process errors in trauma care. <i>World Journal of Surgery</i> , 2013 , 37, 752-8	3.3	33
508	Inhibitory control and perception of the future health in obese adolescents and normal weight adolescents. <i>Lancet, The</i> , 2013 , 382, S55	4.0	3
507	Tactical and operational response to major incidents: feasibility and reliability of skills assessment using novel virtual environments. <i>Resuscitation</i> , 2013 , 84, 992-8	4	33
506	Education and training in NOTES: a systematic review. <i>Surgical Innovation</i> , 2013 , 20, 282-91	2	2
505	Emergency preparedness in the 21st century: training and preparation modules in virtual environments. <i>Resuscitation</i> , 2013 , 84, 78-84	4	52
504	Clinical outcome following Doppler-guided haemorrhoidal artery ligation: a systematic review. <i>Colorectal Disease</i> , 2013 , 15, e284-94	2.1	71

503	Surgical robotics through a keyhole: from today's translational barriers to tomorrow's "disappearing" robots. <i>IEEE Transactions on Biomedical Engineering</i> , 2013 , 60, 674-81	5	35
502	Intraoperative tissue identification using rapid evaporative ionization mass spectrometry. <i>Science Translational Medicine</i> , 2013 , 5, 194ra93	17.5	384
501	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
500	Modeling of the bony pelvis from MRI using a multi-atlas AE-SDM for registration and tracking in image-guided robotic prostatectomy. <i>Computerized Medical Imaging and Graphics</i> , 2013 , 37, 183-94	7.6	8
499	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
498	Measuring safety and efficiency in the operating room: development and validation of a metric for evaluating task execution in the operating room. <i>Journal of the American College of Surgeons</i> , 2013 , 216, 472-81	4.4	17
497	Twitter and the health reforms in the English National Health Service. <i>Health Policy</i> , 2013 , 110, 291-7	3.2	59
496	Implementation of an interactive virtual-world simulation for structured surgeon assessment of clinical scenarios. <i>Journal of the American College of Surgeons</i> , 2013 , 217, 270-9	4.4	18
495	Global cancer burden and sustainable health development. <i>Lancet, The</i> , 2013 , 381, 427-9	4.0	7
494	Recertification: what do specialists think about skill assessment?. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2013 , 11, 120-4	2.5	4
493	Simulation for ward processes of surgical care. <i>American Journal of Surgery</i> , 2013 , 206, 96-102	2.7	17
492	Operating room of the future. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2013 , 27, 311-22	4.6	25
491	The extent of rationing of surgical procedures in England. <i>Lancet, The</i> , 2013 , 381, 534-5	4.0	3
490	The first decade of robotic surgery in children. <i>Journal of Pediatric Surgery</i> , 2013 , 48, 858-65	2.6	86
489	Surgical Simulation to Evaluate Surgical Innovation: Preclinical Studies With MARTYN. <i>Bulletin of the Royal College of Surgeons of England</i> , 2013 , 95, 299-299	0.5	6
488	Robotic cancer surgery. <i>British Journal of Surgery</i> , 2013 , 100, 3-4	5.3	21
487	Neurodegenerative disease and obesity: what is the role of weight loss and bariatric interventions?. <i>Metabolic Brain Disease</i> , 2013 , 28, 341-53	3.9	49
486	Which hemostatic device in thyroid surgery? A network meta-analysis of surgical technologies. <i>Thyroid</i> , 2013 , 23, 1138-50	6.2	76

485	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, 959-68	5.6	92
484	A meta-analysis of probiotic and synbiotic use in elective surgery: does nutrition modulation of the gut microbiome improve clinical outcome?. <i>Journal of Parenteral and Enteral Nutrition</i> , 2013 , 37, 243-53	4.2	44
483	Measuring academic performance for healthcare researchers with the H index: which search tool should be used?. <i>Medical Principles and Practice</i> , 2013 , 22, 178-83	2.1	34
482	Dread and the disvalue of future pain. <i>PLoS Computational Biology</i> , 2013 , 9, e1003335	5	28
481	The effects of natural orifice transluminal endoscopic surgery (NOTES) on cardiorespiratory physiology: a systematic review. <i>Surgical Innovation</i> , 2013 , 20, 183-9	2	2
480	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
479	What is the utility of preoperative frailty assessment for risk stratification in cardiac surgery?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 17, 398-402	1.8	53
478	Behavioural simulations in health care policy: Current uses and future developments. <i>Journal of Health Services Research and Policy</i> , 2013 , 18, 98-106	2.4	4
477	Safety of training and assessment in operating theatres--a systematic review and meta-analysis. <i>Perfusion (United Kingdom)</i> , 2013 , 28, 76-87	1.9	3
476	Single measures of performance do not reflect overall institutional quality in colorectal cancer surgery. <i>Gut</i> , 2013 , 62, 423-9	19.2	36
475	A randomized controlled trial evaluating endoscopic and laparoscopic training in skills transfer for novices performing a simulated NOTES task. <i>Surgical Innovation</i> , 2013 , 20, 631-8	2	7
474	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
473	Operation debrief: a SHARP improvement in performance feedback in the operating room. <i>Annals of Surgery</i> , 2013 , 258, 958-63	7.8	88
472	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
471	The effectiveness of continuing medical education for specialist recertification. <i>Canadian Urological Association Journal</i> , 2013 , 7, 266-72	1.2	35
470	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
469	Surgical training. <i>British Journal of Surgery</i> , 2013 , 100 Suppl 6, S19-21	5.3	3
468	A quantitative scale to define endoscopic torque control during natural orifice surgery. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2013 , 22, 17-25	2.1	1

467	A qualitative exploration of patients' attitudes towards the 'Participate Inform Notice Know' (PINK) patient safety video. <i>International Journal for Quality in Health Care</i> , 2013 , 25, 29-34	1.9	18
466	Training faculty in nontechnical skill assessment: national guidelines on program requirements. <i>Annals of Surgery</i> , 2013 , 258, 370-5	7.8	63
465	Using virtual worlds for patient and public engagement. <i>International Journal of Technology, Knowledge and Society</i> , 2013 , 9, 31-48	1	3
464	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
463	Patients' and health care professionals' attitudes towards the PINK patient safety video. <i>Journal of Evaluation in Clinical Practice</i> , 2012 , 18, 848-53	2.5	29
462	The association between preoperative pain catastrophizing and postoperative pain intensity in cardiac surgery patients. <i>Pain Medicine</i> , 2012 , 13, 820-7	2.8	51
461	Gaze-Contingent Motor Channelling, haptic constraints and associated cognitive demand for robotic MIS. <i>Medical Image Analysis</i> , 2012 , 16, 612-31	15.4	28
460	Technologies for global health. <i>Lancet, The</i> , 2012 , 380, 507-35	40	238
459	Spatial awareness in Natural Orifice Transluminal Endoscopic Surgery (NOTES) navigation. <i>International Journal of Surgery</i> , 2012 , 10, 80-6	7.5	2
458	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
457	Metabolic surgery and obstructive sleep apnoea: the protective effects of bariatric procedures. <i>Thorax</i> , 2012 , 67, 442-9	7.3	70
456	Surgical systems biology and personalized longitudinal phenotyping in critical care. <i>Personalized Medicine</i> , 2012 , 9, 593-608	2.2	5
455	Operating room introduction for the novice. <i>American Journal of Surgery</i> , 2012 , 203, 266-75	2.7	41
454	The adoption of advanced surgical techniques: are surgical masterclasses enough?. <i>American Journal of Surgery</i> , 2012 , 204, 110-4	2.7	8
453	Using manual dexterity to predict the quality of the final product in the small bowel anastomosis after a period of training. <i>American Journal of Surgery</i> , 2012 , 203, 776-81	2.7	13
452	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
451	What are the effects of sleep deprivation and fatigue in surgical practice?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2012 , 24, 166-75	1.7	29
450	Tackling cancer burden in the Middle East: Qatar as an example. <i>Lancet Oncology, The</i> , 2012 , 13, e501-8	21.7	37

449	Epithelial mesenchymal transition in colorectal cancer: Seminal role in promoting disease progression and resistance to neoadjuvant therapy. <i>Surgical Oncology</i> , 2012 , 21, 316-23	2.5	42
448	Machine learning and sentiment analysis of unstructured free-text information about patient experience online. <i>Lancet, The</i> , 2012 , 380, S10	4.0	7
447	Robot-assisted transvaginal peritoneoscopy using confocal endomicroscopy: a feasibility study in a porcine model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012 , 26, 2532-40	5.2	23
446	Preparing for precision medicine. <i>New England Journal of Medicine</i> , 2012 , 366, 489-91	59.2	467
445	Robotic-assisted total mesorectal excision: should it be considered as the technique of choice in the management of rectal cancer?. <i>Journal of Robotic Surgery</i> , 2012 , 6, 99-114	2.9	1
444	An effective visualisation and registration system for image-guided robotic partial nephrectomy. <i>Journal of Robotic Surgery</i> , 2012 , 6, 23-31	2.9	45
443	Does obesity affect outcomes in patients undergoing esophagectomy for cancer? A meta-analysis. <i>World Journal of Surgery</i> , 2012 , 36, 1785-95	3.3	38
442	Evidence-based surgery: barriers, solutions, and the role of evidence synthesis. <i>World Journal of Surgery</i> , 2012 , 36, 1723-31	3.3	48
441	Does previous laparoscopic experience improve ability to perform single-incision laparoscopic surgery?. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012 , 26, 1214-9	5.2	15
440	Collaborative eye tracking: a potential training tool in laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012 , 26, 2003-9	5.2	52
439	Thoracoscopic esophagectomy in the prone position. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012 , 26, 2095-103	5.2	21
438	Positive pre-resection pleural lavage cytology is associated with increased risk of lung cancer recurrence in patients undergoing surgical resection: a meta-analysis of 4450 patients. <i>Thorax</i> , 2012 , 67, 526-32	7.3	16
437	Associations between Web-based patient ratings and objective measures of hospital quality. <i>Archives of Internal Medicine</i> , 2012 , 172, 435-6		60
436	Modern management of systolic anterior motion of the mitral valve. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 41, 1260-70	3	69
435	Intra-operative conversion is a cause of masked mortality in off-pump coronary artery bypass: a meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 41, 291-9	3	24
434	Single-center experience in systemic stress and short-term morbidity of single-incision cholecystectomy. <i>Surgical Innovation</i> , 2012 , 19, 117-22	2	8
433	Design of a Multitasking Robotic Platform with Flexible Arms and Articulated Head for Minimally Invasive Surgery. <i>IEEE International Conference on Intelligent Robots and Systems</i> , 2012 , 2012, 1988-1993 ^{0.6}		44
432	Evaluation of clinical threshold policies for cataract surgery among English commissioners. <i>Journal of Health Services Research and Policy</i> , 2012 , 17, 241-7	2.4	11

431	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
430	Quality measures: bridging the cultural divide. <i>BMJ Quality and Safety</i> , 2012 , 21, 969-72	5.4	3
429	Observational teamwork assessment for surgery: feasibility of clinical and nonclinical assessor calibration with short-term training. <i>Annals of Surgery</i> , 2012 , 255, 804-9	7.8	53
428	Objective skills assessment and construct validation of a virtual reality temporal bone simulator. <i>Otology and Neurotology</i> , 2012 , 33, 1225-31	2.6	53
427	Effect of pharmacological enhancement on the cognitive and clinical psychomotor performance of sleep-deprived doctors: a randomized controlled trial. <i>Annals of Surgery</i> , 2012 , 255, 222-7	7.8	59
426	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
425	Implementation of molecular phenotyping approaches in the personalized surgical patient journey. <i>Annals of Surgery</i> , 2012 , 255, 881-9	7.8	30
424	The development of a virtual reality training curriculum for colonoscopy. <i>Annals of Surgery</i> , 2012 , 256, 188-92	7.8	21
423	Patients' ratings of family physician practices on the internet: usage and associations with conventional measures of quality in the English National Health Service. <i>Journal of Medical Internet Research</i> , 2012 , 14, e146	7.6	58
422	Natural orifice transluminal endoscopic surgery applications in clinical practice. <i>World Journal of Gastrointestinal Endoscopy</i> , 2012 , 4, 65-74	2.2	23
421	Integrated care cannot be designed in Whitehall. <i>International Journal of Integrated Care</i> , 2012 , 12, e43	2	2
420	Specialist anatomy: Is the structure of teaching adequate?. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2011 , 9, 312-7	2.5	26
419	Catastrophizing: a predictive factor for postoperative pain. <i>American Journal of Surgery</i> , 2011 , 201, 122-31	3.7	180
418	Laparoscopic revision of failed antireflux surgery: a systematic review. <i>American Journal of Surgery</i> , 2011 , 202, 336-43	2.7	45
417	Development of a surgical educational research program-fundamental principles and challenges. <i>Journal of Surgical Research</i> , 2011 , 167, 298-305	2.5	7
416	Clinical applications of Telerobotic ENT-Head and Neck surgery. <i>International Journal of Surgery</i> , 2011 , 9, 277-84	7.5	20
415	Value-based pricing: time for a NICEr way of measuring health?. <i>Lancet, The</i> , 2011 , 378, 1698	4.0	2
414	Probe tip contact force and bowel distension affect crypt morphology during confocal endomicroscopy. <i>Gut</i> , 2011 , 60, A12-A13	19.2	17

413	Enteric dysmotility/acquired chronic intestinal pseudoobstruction (ED/CIPO): relationship between symptoms, small intestinal manometric abnormalities and neurohistopathological findings. <i>Gut</i> , 2011 , 60, A152-A152	19.2	
412	Orientation strategies in natural orifice transluminal endoscopic surgery. <i>Annals of Surgery</i> , 2011 , 254, 257-66	7.8	9
411	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
410	Mental practice enhances surgical technical skills: a randomized controlled study. <i>Annals of Surgery</i> , 2011 , 253, 265-70	7.8	162
409	Ear-worn body sensor network device: an objective tool for functional postoperative home recovery monitoring. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011 , 18, 156-9	8.6	17
408	Do miniaturized extracorporeal circuits confer significant clinical benefit without compromising safety? A meta-analysis of randomized controlled trials. <i>ASAIO Journal</i> , 2011 , 57, 141-51	3.6	43
407	Framework for incorporating simulation into urology training. <i>BJU International</i> , 2011 , 107, 806-810	5.6	36
406	The role of robotic assisted laparoscopy for oesophagogastric oncological resection; an appraisal of the literature. <i>Ecological Management and Restoration</i> , 2011 , 24, 240-50	3	57
405	Diabetes resolution and hyperinsulinaemia after metabolic Roux-en-Y gastric bypass. <i>Obesity Reviews</i> , 2011 , 12, e257-72	10.6	67
404	Training in surgical oncology - the role of VR simulation. <i>Surgical Oncology</i> , 2011 , 20, 134-9	2.5	25
403	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
402	Management of the left subclavian artery during endovascular stent grafting for traumatic aortic injury - a systematic review. <i>European Journal of Vascular and Endovascular Surgery</i> , 2011 , 41, 758-69	2.3	29
401	Efficient implementation of patient-specific simulated rehearsal for the carotid artery stenting procedure: part-task rehearsal. <i>European Journal of Vascular and Endovascular Surgery</i> , 2011 , 42, 158-66	2.3	38
400	Conversion and safety in off-pump coronary artery bypass: a system failure that needs re-emphasis. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 630-9	2.7	36
399	Meta-analysis of organ damage after conversion from off-pump coronary artery bypass procedures. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 755-61	2.7	13
398	Use of online rapid sampling microdialysis electrochemical biosensor for bowel anastomosis monitoring in swine model. <i>Analytical Methods</i> , 2011 , 3, 2010	3.2	7
397	Endoscopic breast surgery: where are we now and what might the future hold for video-assisted breast surgery?. <i>Breast Cancer Research and Treatment</i> , 2011 , 125, 607-25	4.4	55
396	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

395	A novel flexible endoluminal stapling device for use in NOTES colotomy closure: a feasibility study using an ex vivo porcine model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011 , 25, 3266-72	5.2	7
394	A framework to establish a mentoring programme in surgery. <i>Langenbeck's Archives of Surgery</i> , 2011 , 396, 811-7	3.4	4
393	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
392	Progress toward optical biopsy: bringing the microscope to the patient. <i>Lung</i> , 2011 , 189, 111-9	2.9	27
391	Natural orifice transluminal endoscopic surgery (NOTES) navigation performance: a pilot study comparing surgeons and gastroenterologists. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2011 , 43, 153-157	0.9	
390	Natural orifice transluminal endoscopic surgery (NOTES): safe implementation through technological innovation. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2011 , 43, 158-161	0.9	
389	Evaluating systemic stress response in single port vs. multi-port laparoscopic cholecystectomy. <i>Journal of Gastrointestinal Surgery</i> , 2011 , 15, 614-22	3.3	36
388	Metabolic surgery and cancer: protective effects of bariatric procedures. <i>Cancer</i> , 2011 , 117, 1788-99	6.4	113
387	Adverse effect of noise in the operating theatre on surgical-site infection (Br J Surg 2011; 98: 1021-1025). <i>British Journal of Surgery</i> , 2011 , 98, 1025-1025	5.3	
386	Formative assessment of procedural skills: students' responses to the Objective Structured Clinical Examination and the Integrated Performance Procedural Instrument. <i>Assessment and Evaluation in Higher Education</i> , 2011 , 36, 171-183	3.1	7
385	Measurements of bowel microdialysis recovery with an online biosensor system 2011 ,		1
384	Metabolic surgery profoundly influences gut microbial-host metabolic cross-talk. <i>Gut</i> , 2011 , 60, 1214-23	19.2	319
383	Transgastric or trans-sigmoidal? The impact of the choice of access on task performance in target natural orifice transluminal endoscopic surgery procedures. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2011 , 21, 237-42	2.1	4
382	Bariatric surgery - can we afford to do it or deny doing it?. <i>Frontline Gastroenterology</i> , 2011 , 2, 82-89	2.6	22
381	Leadership in cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 39, 905-11	3	5
380	Does stentless aortic valve implantation increase perioperative risk? A critical appraisal of the literature and risk of bias analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 39, 643-52	3	8
379	Tracheobronchial amyloidosis and confocal endomicroscopy. <i>Respiration</i> , 2011 , 82, 209-11	3.7	16
378	Simulation to enhance patient safety: why aren't we there yet?. <i>Chest</i> , 2011 , 140, 854-858	5.3	31

377	Emotional intelligence and stress in medical students performing surgical tasks. <i>Academic Medicine</i> , 2011 , 86, 1311-7	3.9	49
376	Obturator hernias: A review of the laparoscopic approach. <i>Journal of Minimal Access Surgery</i> , 2011 , 7, 201-4	1.2	18
375	A competency framework in cardiothoracic surgery for training and revalidation - an international comparison. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 40, 816-25	3	4
374	Robots and service innovation in health care. <i>Journal of Health Services Research and Policy</i> , 2011 , 16, 46-50	2.4	28
373	The Tipping Point of Robotic Surgery In Healthcare: From Master-Slave to Flexible Access Bio-Inspired Platforms. <i>Surgical Technology International</i> , 2011 , 21, 28-34	0.8	1
372	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
371	Education and Imaging. Gastrointestinal: Enterolith-induced perforation on a background of jejunal diverticulum. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2010 , 25, 429	4	2
370	Metabolic surgery: an evolution through bariatric animal models. <i>Obesity Reviews</i> , 2010 , 11, 907-20	10.6	54
369	Translation to success of surgical innovation. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 37, 613-25	6	
368	What are the elements of safe gastrotomy closure in NOTES? A systematic review. <i>Surgical Innovation</i> , 2010 , 17, 318-31	2	20
367	Autobionics: a new paradigm in regenerative medicine and surgery. <i>Regenerative Medicine</i> , 2010 , 5, 279-88	19	
366	Guidelines for diagnostic tests and diagnostic accuracy in surgical research. <i>Journal of Investigative Surgery</i> , 2010 , 23, 57-65	1.2	22
365	Distributed simulation--accessible immersive training. <i>Medical Teacher</i> , 2010 , 32, 65-70	3	96
364	Role of virtual reality simulation in teaching and assessing technical skills in endovascular intervention. <i>Journal of Vascular and Interventional Radiology</i> , 2010 , 21, 55-66	2.4	48
363	How to manage the left subclavian artery during endovascular stenting for thoracic aortic dissection? An assessment of the evidence. <i>Annals of Vascular Surgery</i> , 2010 , 24, 956-65	1.7	16
362	Visuospatial and psychomotor aptitude predicts endovascular performance of inexperienced individuals on a virtual reality simulator. <i>Journal of Vascular Surgery</i> , 2010 , 51, 1035-42	3.5	51
361	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
360	Diagnostic accuracy meta-analysis: a review of the basic principles of interpretation and application. <i>International Journal of Cardiology</i> , 2010 , 140, 138-44	3.2	22

359	Patient-specific simulation in carotid artery stenting. <i>Journal of Vascular Surgery</i> , 2010 , 52, 1700-5	3.5	30
358	Diagnostic precision of CT in local staging of colon cancers: a meta-analysis. <i>Clinical Radiology</i> , 2010 , 65, 708-19	2.9	110
357	Factors compromising safety in surgery: stressful events in the operating room. <i>American Journal of Surgery</i> , 2010 , 199, 60-5	2.7	123
356	New horizons in simulation training for endoscopic surgery. <i>Asian Journal of Endoscopic Surgery</i> , 2010 , 3, 1-7	1.4	1
355	Phacoemulsification skills training and assessment. <i>British Journal of Ophthalmology</i> , 2010 , 94, 536-41	5.5	26
354	Gaze contingent control for an articulated mechatronic laparoscope 2010 ,		26
353	Evaluation of orientation strategies in laparoscopic cholecystectomy. <i>Annals of Surgery</i> , 2010 , 252, 1027-38	3.8	15
352	How minimized extracorporeal circulation compares with the off-pump technique in coronary artery bypass grafting. <i>ASAIO Journal</i> , 2010 , 56, 446-56	3.6	5
351	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
350	Safety in surgery: is selection the missing link?. <i>World Journal of Surgery</i> , 2010 , 34, 1993-2000	3.3	13
349	What does competence entail in interventional radiology?. <i>CardioVascular and Interventional Radiology</i> , 2010 , 33, 3-10	2.7	12
348	A hidden Markov model-based analysis framework using eye-tracking data to characterise re-orientation strategies in minimally invasive surgery. <i>Cognitive Processing</i> , 2010 , 11, 275-83	1.5	8
347	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
346	The frontal cortex is activated during learning of endoscopic procedures (Ohuchida et al., <i>Surgical Endoscopy</i> , January 2009). <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010 , 24, 968-9	5.2	2
345	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
344	In vivo thermography during small bowel fusion using radiofrequency energy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010 , 24, 2465-74	5.2	8
343	Stress impairs psychomotor performance in novice laparoscopic surgeons. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010 , 24, 2588-93	5.2	106
342	Robotically assisted atraumatic coronary artery bypass: a feasible option for off-pump coronary surgery. <i>Journal of Robotic Surgery</i> , 2010 , 4, 117-22	2.9	1

341	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
340	The natural orifice simulated surgical environment (NOSSE): exploring the challenges of NOTES without the animal model. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2009 , 19, 211-4	2.1	26
339	A stereoscopic fibroscope for camera motion and 3D depth recovery during Minimally Invasive Surgery 2009 ,		20
338	Perceptually Docked Control Environment for Multiple Microbots: Application to the Gastric Wall Biopsy. <i>IEEE International Conference on Intelligent Robots and Systems</i> , 2009 , 2009, 2783-2788	0.6	
337	Assessment of specialists in cardiovascular practice. <i>Nature Reviews Cardiology</i> , 2009 , 6, 659-67	14.8	22
336	The gut microbiota as a target for improved surgical outcome and improved patient care. <i>Current Pharmaceutical Design</i> , 2009 , 15, 1537-45	3.3	29
335	Surgeons produce innovative ideas which are frequently lost in the labyrinth of patents. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 35, 480-8	3	2
334	A time for revolutions--the role of clinicians in health care reform. <i>New England Journal of Medicine</i> , 2009 , 361, e8	59.2	22
333	Natural orifice transluminal thoracoscopic surgery: does the slow progress and the associated risks affect feasibility and potential clinical applications?. <i>Surgical Innovation</i> , 2009 , 16, 9-15	2	11
332	Physical-based statistical shape modeling of the levator ani. <i>IEEE Transactions on Medical Imaging</i> , 2009 , 28, 926-36	11.7	14
331	Development, initial reliability and validity testing of an observational tool for assessing technical skills of operating room nurses. <i>International Journal of Nursing Studies</i> , 2009 , 46, 1187-93	5.8	25
330	Caffeine and taurine reverse the deterioration in laparoscopic and cognitive skill following sleep deprivation. <i>Journal of the American College of Surgeons</i> , 2009 , 209, S111	4.4	3
329	Validation of video-based skill assessment in carotid artery stenting. <i>European Journal of Vascular and Endovascular Surgery</i> , 2009 , 38, 1-9	2.3	48
328	Assessment of laparoscopic suturing skills of urology residents: a pan-European study. <i>European Urology</i> , 2009 , 56, 865-72	10.2	49
327	Development of a virtual reality training curriculum for laparoscopic cholecystectomy. <i>British Journal of Surgery</i> , 2009 , 96, 1086-93	5.3	195
326	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
325	Economic analysis of esophageal stenting for management of malignant dysphagia. <i>Ecological Management and Restoration</i> , 2009 , 22, 337-47	3	9
324	Assessing the quality of the volume-outcome relationship in uro-oncology. <i>BJU International</i> , 2009 , 103, 341-9	5.6	33

323	The neurocognitive enhancement of surgeons: an ethical perspective. <i>Journal of Surgical Research</i> , 2009 , 152, 167-72	2.5	30
322	Behavioural interventions for smoking cessation in patients hospitalised for a major cardiovascular event. <i>International Journal of Cardiology</i> , 2009 , 137, 171-4	3.2	8
321	Efficacy of cognitive feedback in improving operative risk estimation. <i>American Journal of Surgery</i> , 2009 , 197, 76-81	2.7	11
320	What makes a competent surgeon?: experts' and trainees' perceptions of the roles of a surgeon. <i>American Journal of Surgery</i> , 2009 , 198, 726-32	2.7	62
319	Evaluating training for a simulated team in complex whole procedure simulations in the endovascular suite. <i>Medical Teacher</i> , 2009 , 31, e18-23	3	11
318	Meta-analysis: a practical decision making tool for surgeons. <i>International Journal of Surgery</i> , 2009 , 7, 291-6	7.5	25
317	Navigation systems and platforms in natural orifice transluminal endoscopic surgery (NOTES). <i>International Journal of Surgery</i> , 2009 , 7, 297-304	7.5	45
316	Current status of robotic assisted pelvic surgery and future developments. <i>International Journal of Surgery</i> , 2009 , 7, 431-40	7.5	56
315	Could the UK lead the world in medical education and training?. <i>Lancet, The</i> , 2009 , 373, 2095-6	40	1
314	Benchmarking in surgical research. <i>Lancet, The</i> , 2009 , 374, 1045-7	40	12
313	Observational teamwork assessment for surgery: construct validation with expert versus novice raters. <i>Annals of Surgery</i> , 2009 , 249, 1047-51	7.8	115
312	Improving informed consent of surgical patients using a multimedia-based program?: results of a prospective randomized multicenter study of patients before cholecystectomy. <i>Annals of Surgery</i> , 2009 , 249, 546-7; author reply 547-8	7.8	2
311	Development of the Veritas plot and its application in cardiac surgery: an evidence-synthesis graphic tool for the clinician to assess multiple meta-analyses reporting on a common outcome. <i>Canadian Journal of Surgery</i> , 2009 , 52, E137-45	2	8
310	Statin therapy may influence the incidence of postoperative atrial fibrillation: what is the evidence?. <i>Texas Heart Institute Journal</i> , 2009 , 36, 521-9	0.8	13
309	Laparoscopic approach to incarcerated and strangulated inguinal hernias. <i>Journal of the Society of Laparoendoscopic Surgeons</i> , 2009 , 13, 327-31	2.2	45
308	Dynamic active constraints for hyper-redundant flexible robots. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 410-7	0.9	14
307	Surgical strategies for faecal incontinence--a decision analysis between dynamic graciloplasty, artificial bowel sphincter and end stoma. <i>Colorectal Disease</i> , 2008 , 10, 577-86	2.1	29
306	Safety and diagnostic yield of laparoscopically assisted full-thickness bowel biopsy. <i>Neurogastroenterology and Motility</i> , 2008 , 20, 774-9	4	43

305	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
304	Near-infrared spectroscopy: potential clinical benefits in surgery. <i>Journal of the American College of Surgeons</i> , 2008 , 206, 761-2	4.4	0
303	Is minimally invasive harvesting of the great saphenous vein for coronary artery bypass surgery a cost-effective technique?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 135, 809-15	1.5	25
302	Training opportunities and the role of virtual reality simulation in acquisition of basic laparoscopic skills. <i>Journal of Surgical Research</i> , 2008 , 145, 80-6	2.5	35
301	Does previous percutaneous coronary stenting compromise the long-term efficacy of subsequent coronary artery bypass surgery? A microsimulation study. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 501-7	2.7	16
300	Minimal access aortic valve replacement: is it worth it?. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 1121-31	2.7	168
299	Mapping surgical practice decision making: an interview study to evaluate decisions in surgical care. <i>American Journal of Surgery</i> , 2008 , 195, 689-96	2.7	36
298	Reliability of a revised NOTECHS scale for use in surgical teams. <i>American Journal of Surgery</i> , 2008 , 196, 184-90	2.7	181
297	Judgment analysis: a method for quantitative evaluation of trainee surgeons' judgments of surgical risk. <i>American Journal of Surgery</i> , 2008 , 195, 183-8	2.7	23
296	Fistula-in-ano: advances in treatment. <i>American Journal of Surgery</i> , 2008 , 196, 95-9	2.7	36
295	Coronary artery bypass graft imaging with 64-slice multislice computed tomography: literature review. <i>Seminars in Ultrasound, CT and MRI</i> , 2008 , 29, 204-13	1.7	6
294	Coronary stent assessment with 64-slice multislice computed tomography: a literature review. <i>Seminars in Ultrasound, CT and MRI</i> , 2008 , 29, 214-22	1.7	2
293	Quality and the NHS next stage review. <i>Lancet, The</i> , 2008 , 371, 1563-4	4.0	41
292	Gaze contingent articulated robot control for robot assisted minimally invasive surgery 2008 ,		28
291	Effects of bariatric surgery on cardiovascular function. <i>Circulation</i> , 2008 , 118, 2091-102	16.7	174
290	Laparoscopic parastomal hernia repair: a description of the technique and initial results. <i>Surgical Innovation</i> , 2008 , 15, 85-9	2	6
289	Learner-centred feedback using remote assessment of clinical procedures. <i>Medical Teacher</i> , 2008 , 30, 795-801	3	24
288	Off-pump coronary artery bypass surgery may reduce the incidence of stroke in patients with significant left main stem disease. <i>Thoracic and Cardiovascular Surgeon</i> , 2008 , 56, 247-55	1.6	19

287	Preservation of the mitral valve apparatus: evidence synthesis and critical reappraisal of surgical techniques. <i>European Journal of Cardio-thoracic Surgery</i> , 2008 , 33, 391-401	3	46
286	Could variations in technical skills acquisition in surgery be explained by differences in cortical plasticity?. <i>Annals of Surgery</i> , 2008 , 247, 540-3	7.8	17
285	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
284	Systemic leukofiltration does not attenuate pulmonary injury after cardiopulmonary bypass. <i>ASAIO Journal</i> , 2008 , 54, 78-88	3.6	15
283	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
282	Re: A systematic review of skills transfer after surgical simulation training. <i>Annals of Surgery</i> , 2008 , 248, 690-1; author reply 691	7.8	9
281	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
280	New technologies for the surgical curriculum. <i>World Journal of Surgery</i> , 2008 , 32, 213-6	3.3	13
279	Symposium on surgical simulation for training and certification. <i>World Journal of Surgery</i> , 2008 , 32, 139-403	4.3	9
278	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
277	Evidence-based choice of esophageal stent for the palliative management of malignant dysphagia. <i>World Journal of Surgery</i> , 2008 , 32, 1996-2009	3.3	34
276	The human gut microbiome: implications for future health care. <i>Current Gastroenterology Reports</i> , 2008 , 10, 396-403	5	106
275	Use of rapid sampling microdialysis for intraoperative monitoring of bowel ischemia. <i>Diseases of the Colon and Rectum</i> , 2008 , 51, 1408-13	3.1	39
274	Anatomy teaching in the 21st century Dead cool or cold dead?. <i>Anatomical Sciences Education</i> , 2008 , 1, 136-137	6.8	6
273	A minimally invasive approach to undergraduate anatomy teaching. <i>Anatomical Sciences Education</i> , 2008 , 1, 46-7	6.8	33
272	Can intra-operative intraperitoneal free cancer cell detection techniques identify patients at higher recurrence risk following curative colorectal cancer resection: a meta-analysis. <i>Annals of Surgical Oncology</i> , 2008 , 15, 60-8	3.1	34
271	Does the presence of circulating tumor cells in the venous drainage of curative colorectal cancer resections determine prognosis? A meta-analysis. <i>Annals of Surgical Oncology</i> , 2008 , 15, 3083-91	3.1	40
270	Remote assessment and learner-centred feedback on procedural skills. <i>Clinical Teacher</i> , 2008 , 5, 88-92	1.1	7

269	An Integrated Procedural Performance Instrument (IPPI) for learning and assessing procedural skills. <i>Clinical Teacher</i> , 2008 , 5, 45-48	1.1	11
268	Does minimal-access aortic valve replacement reduce the incidence of postoperative atrial fibrillation?. <i>Texas Heart Institute Journal</i> , 2008 , 35, 428-38	0.8	5
267	Revisional laparoscopic parastomal hernia repair. <i>Journal of the Society of Laparoendoscopic Surgeons</i> , 2008 , 12, 403-6	2.2	4
266	Gaze-contingent motor channelling and haptic constraints for minimally invasive robotic surgery. <i>Lecture Notes in Computer Science</i> , 2008 , 11, 676-83	0.9	18
265	Endovascular skills training and assessment. <i>Journal of Vascular Surgery</i> , 2007 , 46, 1055-64	3.5	94
264	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
263	Spigelian hernias presenting as surgical emergencies. <i>Southern Medical Journal</i> , 2007 , 100, 971-2	0.6	6
262	Structuring associated with epithelial inclusion cysts following stapled intestinal anastomosis. <i>Histopathology</i> , 2007 , 51, 853-5	7.3	
261	Complexity, risk and simulation in learning procedural skills. <i>Medical Education</i> , 2007 , 41, 808-14	3.7	119
260	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
259	Competency-based training and practice--what does it really mean?. <i>Journal of the American College of Surgeons</i> , 2007 , 205, 192-3	4.4	12
258	Identification of skills common to renal and iliac endovascular procedures performed on a virtual reality simulator. <i>European Journal of Vascular and Endovascular Surgery</i> , 2007 , 33, 525-32	2.3	48
257	A pervasive body sensor network for measuring postoperative recovery at home. <i>Surgical Innovation</i> , 2007 , 14, 83-90	2	61
256	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
255	Multidisciplinary crisis simulations: the way forward for training surgical teams. <i>World Journal of Surgery</i> , 2007 , 31, 1843-1853	3.3	174
254	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
253	Is team training in briefings for surgical teams feasible in simulation?. <i>Cognition, Technology and Work</i> , 2007 , 10, 275	2.9	7
252	Motion tracking systems for assessment of surgical skill. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2007 , 21, 339	5.2	20

251	Objective assessment comparing hand-assisted and conventional laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2007 , 21, 414-7	5.2	3
250	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
249	Skills acquisition for laparoscopic gastric bypass in the training laboratory: an innovative approach. <i>Obesity Surgery</i> , 2007 , 17, 19-27	3.7	46
248	Laparoscopy simulators. <i>Journal of Endourology</i> , 2007 , 21, 274-9	2.7	43
247	Intraperitoneal chemotherapy as first-line treatment in the management of epithelial ovarian cancer. <i>Mini-Reviews in Medicinal Chemistry</i> , 2007 , 7, 509-17	3.2	
246	Does systemic leukocyte filtration affect perioperative hemorrhage in cardiac surgery? A systematic review and meta-analysis. <i>ASAIO Journal</i> , 2007 , 53, 514-21	3.6	12
245	The effects of various leukocyte filtration strategies in cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2007 , 31, 665-76	3	49
244	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
243	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
242	Mental training in surgical education: a randomized controlled trial. <i>Annals of Surgery</i> , 2007 , 245, 1002	7.8	5
241	Proving the effectiveness of virtual reality simulation for training in laparoscopic surgery. <i>Annals of Surgery</i> , 2007 , 246, 771-9	7.8	324
240	Transanal endoscopic microsurgery for rectal tumors: the St. Mary's experience. <i>American Journal of Surgery</i> , 2007 , 194, 694-8	2.7	34
239	Multi-detector computed tomography in coronary artery bypass graft assessment: a meta-analysis. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 341-8	2.7	45
238	Recombinant activated factor VII in cardiac surgery: a systematic review. <i>Annals of Thoracic Surgery</i> , 2007 , 83, 707-14	2.7	106
237	Using multimedia and Web3D to enhance anatomy teaching. <i>Computers and Education</i> , 2007 , 49, 32-53	9.5	99
236	COMPLICATIONS OF MINIMALLY INVASIVE SURGERY 2007 , 773-793		1
235	HMM assessment of quality of movement trajectory in laparoscopic surgery. <i>Computer Aided Surgery</i> , 2007 , 12, 335-346		3
234	Better: A surgeon's notes on performance. <i>Journal of Clinical Investigation</i> , 2007 , 117, 1454-1454	15.9	78

233	Novel applications of Dermabond (2-octyl -cyanoacrylate) in cardiothoracic surgery. <i>Surgical Technology International</i> , 2007 , 16, 46-51	0.8	11
232	Objective assessment of small bowel anastomosis skill in trainee general surgeons and urologists. <i>World Journal of Surgery</i> , 2006 , 30, 248-51	3.3	18
231	Observational assessment of surgical teamwork: a feasibility study. <i>World Journal of Surgery</i> , 2006 , 30, 1774-83	3.3	117
230	Does serum procalcitonin have a role in evaluating the severity of acute pancreatitis? A question revisited. <i>World Journal of Surgery</i> , 2006 , 30, 1713-21	3.3	21
229	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
228	The human face of simulation: patient-focused simulation training. <i>Academic Medicine</i> , 2006 , 81, 919-24	3.9	146
227	Technical-skills training in the 21st century. <i>New England Journal of Medicine</i> , 2006 , 355, 2695-6	59.2	197
226	Training in the operating theatre: is it safe?. <i>Thorax</i> , 2006 , 61, 278-9	7.3	8
225	Minimally invasive conduit harvesting: a systematic review. <i>European Journal of Cardio-thoracic Surgery</i> , 2006 , 29, 324-33	3	46
224	Multi-slice computed tomography in coronary artery disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2006 , 30, 443-50	3	12
223	Gaze-contingent control for minimally invasive robotic surgery. <i>Computer Aided Surgery</i> , 2006 , 11, 256-66		29
222	The effects of stress on surgical performance. <i>American Journal of Surgery</i> , 2006 , 191, 5-10	2.7	269
221	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
220	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
219	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
218	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
217	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
216	An evidence-based virtual reality training program for novice laparoscopic surgeons. <i>Annals of Surgery</i> , 2006 , 244, 310-4	7.8	256

215	Fast-track failure after cardiac surgery: development of a prediction model. <i>Critical Care Medicine</i> , 2006 , 34, 2875-82	1.4	39
214	Laparoscopic versus open appendectomy in children: a meta-analysis. <i>Annals of Surgery</i> , 2006 , 243, 17-27.8		224
213	Surgery for local recurrence of rectal cancer. <i>Colorectal Disease</i> , 2006 , 8, 733-47	2.1	80
212	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
211	Teamwork in the operating theatre: cohesion or confusion?. <i>Journal of Evaluation in Clinical Practice</i> , 2006 , 12, 182-9	2.5	167
210	Innovative training for new surgical roles--the place of evaluation. <i>Medical Education</i> , 2006 , 40, 987-94	3.7	11
209	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
208	ATLS versus ETC: time for a decision?. <i>Annals of Emergency Medicine</i> , 2006 , 48, 761-2	2.1	4
207	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
206	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
205	On a new vision for academia. <i>The Health Service Journal</i> , 2006 , 116, 33		
204	A practical approach towards accurate dense 3D depth recovery for robotic laparoscopic surgery. <i>Computer Aided Surgery</i> , 2005 , 10, 199-208		64
203	Do technical parameters affect the diagnostic accuracy of virtual bronchoscopy in patients with suspected airways stenosis?. <i>European Journal of Radiology</i> , 2005 , 55, 445-51	4.7	6
202	Does minimally invasive vein harvesting technique affect the quality of the conduit for coronary revascularization?. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 2407-14	2.7	23
201	Surgical skill is predicted by the ability to detect errors. <i>American Journal of Surgery</i> , 2005 , 189, 412-5	2.7	62
200	The reliability of multiple objective measures of surgery and the role of human performance. <i>American Journal of Surgery</i> , 2005 , 189, 747-52	2.7	29
199	Selection of individuals for training in surgery. <i>American Journal of Surgery</i> , 2005 , 190, 98-102	2.7	43
198	Assessment of psychomotor skills acquisition during laparoscopic cholecystectomy courses. <i>American Journal of Surgery</i> , 2005 , 190, 507-11	2.7	15

197	Assessment of shape variation of the levator ani with optimal scan planning and statistical shape modeling. <i>Journal of Computer Assisted Tomography</i> , 2005 , 29, 154-62	2.2	8
196	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
195	Compression anastomoses revisited. <i>Journal of the American College of Surgeons</i> , 2005 , 201, 965-71	4.4	43
194	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
193	Does Doppler echography have a diagnostic role in patency assessment of internal thoracic artery grafts?. <i>European Journal of Cardio-thoracic Surgery</i> , 2005 , 28, 692-700	3	7
192	Organising a surgical skills centre. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2005 , 14, 275-9	2.1	9
191	Objective assessment of technical skills in cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2005 , 28, 157-62	3	47
190	Gaze-contingent soft tissue deformation tracking for minimally invasive robotic surgery. <i>Lecture Notes in Computer Science</i> , 2005 , 8, 843-50	0.9	13
189	Laparoscopic task recognition using Hidden Markov Models. <i>Studies in Health Technology and Informatics</i> , 2005 , 111, 115-22	0.5	17
188	Soft tissue deformation using a nonlinear hierarchical finite element model with real-time online refinement. <i>Studies in Health Technology and Informatics</i> , 2005 , 111, 137-44	0.5	
187	Haemostasis using a ready-to-use collagen sponge coated with activated thrombin and fibrinogen. <i>Surgical Technology International</i> , 2005 , 14, 35-40	0.8	10
186	Robotics in colorectal surgery. <i>Digestive Surgery</i> , 2004 , 21, 339-43	2.5	30
185	Robot-assisted laparoscopic Heller cardiomyotomy: preliminary UK results. <i>Digestive Surgery</i> , 2004 , 21, 396-400	2.5	17
184	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
183	Robot-assisted laparoscopic adrenalectomy: preliminary UK results. <i>BJU International</i> , 2004 , 93, 357-9	5.6	36
182	Simulation and clinical practice: strengthening the relationship. <i>Medical Education</i> , 2004 , 38, 1095-102	3.7	263
181	Surgical technology and its impact on practice. <i>Asian Journal of Surgery</i> , 2004 , 27, 65-8	1.6	
180	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

179	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
178	Dexterity enhancement with robotic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004 , 18, 790-5	5.2	193
177	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
176	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
175	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
174	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
173	An innovative method for the assessment of skills in lower gastrointestinal endoscopy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004 , 18, 1613-9	5.2	33
172	Bimodal assessment of laparoscopic suturing skills. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004 , 18, 1608-1612	5.2	87
171	The impact of minimally invasive surgical techniques. <i>Annual Review of Medicine</i> , 2004 , 55, 223-37	17.4	64
170	Augmented reality provision in robotically assisted minimally invasive surgery. <i>International Congress Series</i> , 2004 , 1268, 527-532		3
169	Robotic assisted rectopexy. <i>American Journal of Surgery</i> , 2004 , 187, 88-92	2.7	76
168	Ceiling effect in technical skills of surgical residents. <i>American Journal of Surgery</i> , 2004 , 188, 294-300	2.7	42
167	Does laparoscopic surgery offer adequate clearance in rectal cancer?--A discussion. <i>International Journal of Surgery</i> , 2004 , 2, 103-6	7.5	3
166	Robotics and surgery: a long-term relationship?. <i>International Journal of Surgery</i> , 2004 , 2, 106-9	7.5	13
165	Robotic surgery: a review. <i>British Journal of Hospital Medicine</i> , 2004 , 65, 153-9		4
164	Anatomy: the future teaching of undergraduates. <i>British Journal of Hospital Medicine</i> , 2004 , 65, 681-5		5
163	Evaluation of knot tying at depth between general surgeons and urologists. <i>Annals of the Royal College of Surgeons of England</i> , 2004 , 86, 381-2	1.4	
162	Gaze Contingent Depth Recovery and Motion Stabilisation for Minimally Invasive Robotic Surgery. <i>Lecture Notes in Computer Science</i> , 2004 , 311-319	0.9	13

161	Real-time synchronization of kinematic and video data for the comprehensive assessment of surgical skills. <i>Studies in Health Technology and Informatics</i> , 2004 , 98, 82-8	0.5	11
160	Motion analysis in the training and assessment of minimally invasive surgery. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2003 , 12, 137-42	2.1	49
159	Evaluation of virtual reality bronchoscopy as a learning and assessment tool. <i>Respiration</i> , 2003 , 70, 195-9	3.7	55
158	Assessing surgical skill. <i>Plastic and Reconstructive Surgery</i> , 2003 , 112, 1886-9	2.7	20
157	Use of suturing as a measure of technical competence. <i>Annals of Plastic Surgery</i> , 2003 , 50, 304-8; discussion 308-9	1.7	28
156	Multiple Objective Measures of Skill (MOMS): a new approach to the assessment of technical ability in surgical trainees. <i>Annals of Surgery</i> , 2003 , 238, 291-300	7.8	49
155	Can tonic accommodation predict surgical performance?. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2003 , 17, 787-90	5.2	15
154	Depth cue reliance in surgeons and medical students. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2003 , 17, 1472-4	5.2	36
153	A study to validate the colonoscopy simulator. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2003 , 17, 1583-9	5.2	62
152	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
151	Robotics in surgery. <i>Journal of the American College of Surgeons</i> , 2003 , 196, 784-95	4.4	55
150	The effects of different viewing conditions on performance in simulated minimal access surgery. <i>Ergonomics</i> , 2003 , 46, 999-1016	2.9	29
149	The surgical error examination is a novel method for objective technical knowledge assessment. <i>American Journal of Surgery</i> , 2003 , 185, 507-11	2.7	21
148	The use of handheld computers in scenario-based procedural assessments. <i>Medical Teacher</i> , 2003 , 25, 632-42	3	17
147	The impact of inherent and environmental factors on surgical performance in laparoscopy: a review. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2003 , 12, 69-75	2.1	4
146	How can handful of water assess basic laparoscopic skills?. <i>Annals of the Royal College of Surgeons of England</i> , 2003 , 85, 426-7	1.4	3
145	Intraperitoneal hypothermia during surgery enhances postoperative tumor growth. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2002 , 16, 611-5	5.2	24
144	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

143	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
142	Motion analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2002 , 16, 640-5	5.2	103
141	An innovative model for teaching and learning clinical procedures. <i>Medical Education</i> , 2002 , 36, 628-34	3.7	186
140	Taking the skills lab onto the wards. <i>Medical Education</i> , 2002 , 36, 1093-4	3.7	13
139	Validation of a flexible cystoscopy course. <i>BJU International</i> , 2002 , 90, 833-5	5.6	31
138	Virtual reality flexible cystoscopy: a validation study. <i>BJU International</i> , 2002 , 90, 828-32	5.6	49
137	Recent advances in minimal access surgery. <i>BMJ: British Medical Journal</i> , 2002 , 324, 31-4		87
136	The relationship between motion analysis and surgical technical assessments. <i>American Journal of Surgery</i> , 2002 , 184, 70-3	2.7	222
135	Skills assessment of surgeons. <i>Surgery</i> , 2002 , 131, 121-4	3.6	25
134	Relationship between skill and outcome in the laboratory-based model. <i>Surgery</i> , 2002 , 131, 318-23	3.6	124
133	Suturing: a lost art. <i>Annals of the Royal College of Surgeons of England</i> , 2002 , 84, 278-9	1.4	4
132	Surgical skills assessment: an ongoing debate. <i>BJU International</i> , 2001 , 88, 655-60	5.6	48
131	'Urobotics': robots in urology. <i>BJU International</i> , 2001 , 88, 313-20	5.6	14
130	Laparoscopy for urological cancers. <i>BJU International</i> , 2001 , 88, 493-9	5.6	1
129	Simulation in urology--a role for virtual reality?. <i>BJU International</i> , 2001 , 88, 661-5	5.6	31
128	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
127	Systematic review of laparoscopic surgery for colorectal malignancy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2001 , 15, 1431-9	5.2	27
126	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

125	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
124	Functional results two years after laparoscopic rectopexy. <i>American Journal of Surgery</i> , 2001 , 182, 168-73.7		85
123	Virtual reality surgical training and assessment system. <i>International Congress Series</i> , 2001 , 1230, 210-217		7
122	Assessment of surgical competence. <i>Quality in Health Care: QHC</i> , 2001 , 10 Suppl 2, ii64-9		31
121	Hand-assisted laparoscopic colorectal surgery. <i>Seminars in Laparoscopic Surgery</i> , 2001 , 8, 153-60		8
120	Fatal and life-threatening complications in antireflux surgery: analysis of 5502 operations. <i>British Journal of Surgery</i> , 2000 , 87, 967-8	5.3	
119	Investigation of colonic disease. <i>British Journal of Hospital Medicine</i> , 2000 , 61, 692-7		
118	Optimising the acquisition of laparoscopic skill. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2000 , 9, 307-309	2.1	
117	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
116	The objective assessment of surgical skill. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2000 , 9, 315-319	2.1	
115	Hand-assisted laparoscopic colorectal surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2000 , 14, 999-1004	5.2	45
114	Upright dynamic MR defaecating proctography in an open configuration MR system. <i>British Journal of Radiology</i> , 2000 , 73, 152-5	3.4	37
113	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
112	Use of telemedicine in undergraduate teaching of surgery. <i>Journal of Telemedicine and Telecare</i> , 1999 , 5, 246-8	6.8	19
111	Undergraduate surgical teaching utilizing telemedicine. <i>Medical Education</i> , 1999 , 33, 596-9	3.7	38
110	Comparison of immunologic and physiologic effects of CO2 pneumoperitoneum at room and body temperatures. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1999 , 13, 572-5	5.2	61
109	Laparoscopic surgery in a 0.5-t interventional magnetic resonance unit. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1999 , 13, 604-10	5.2	10
108	Rigid videosigmoidoscopy vs conventional sigmoidoscopy. A randomized controlled study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1999 , 13, 814-6	5.2	5

107	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
106	Monitoring of Interstitial Laser Thermotherapy with Heat-sensitive Colour Subtraction Magnetic Resonance Imaging: Calibration with Absolute Tissue Temperature and Correlation with Predicted Lesion Size. <i>Lasers in Medical Science</i> , 1999 , 14, 250-256	3.1	5
105	Objective assessment of surgical dexterity using simulators. <i>British Journal of Hospital Medicine</i> , 1999 , 60, 672-5		24
104	The magnetic resonance theatre [the future of abdominal surgery?]. <i>Hpb</i> , 1999 , 1, 25-32	3.8	
103	Minimal access surgery. Welded bliss?. <i>The Health Service Journal</i> , 1999 , 109, suppl 6-7, 9		
102	Magnetic resonance guided general surgery. <i>Surgical Technology International</i> , 1999 , 8, 83-8	0.8	
101	Interventional MR-guided excisional biopsy of breast lesions. <i>Journal of Magnetic Resonance Imaging</i> , 1998 , 8, 26-30	5.6	37
100	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
99	Effect of sleep deprivation on surgeons' dexterity on laparoscopy simulator. <i>Lancet, The</i> , 1998 , 352, 1191-4	1.0	351
98	Late-onset deep prosthetic infection following mesh repair of inguinal hernia. <i>American Journal of Surgery</i> , 1998 , 176, 12-4	2.7	70
97	Simultaneous mesh repair of bilateral groin hernia: A comparison of laparoscopic and open techniques. <i>Minimally Invasive Therapy and Allied Technologies</i> , 1998 , 7, 181-185	2.1	
96	Retroperitoneal endoscopic iliofemoral cross-over graft for critical limb ischaemia. <i>European Journal of Vascular and Endovascular Surgery</i> , 1997 , 14, 69-70	2.3	2
95	Endoscopically guided percutaneous repair of inguinal hernia through a 2-cm incision. Minihernia repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1997 , 11, 782-4	5.2	8
94	Thromboembolism prophylaxis during laparoscopic cholecystectomy. <i>British Journal of Surgery</i> , 1997 , 84, 962-4	5.3	15
93	The magnetic resonance operating theatre. <i>British Journal of Surgery</i> , 1997 , 84, 595-7	5.3	10
92	The current status of laparoscopic appendicectomy. <i>Minimally Invasive Therapy and Allied Technologies</i> , 1996 , 5, 41-45	2.1	
91	Enhanced fragmentation of fractured gall-stones with contact lithotripsy. <i>Minimally Invasive Therapy and Allied Technologies</i> , 1996 , 5, 339-341	2.1	
90	Endoscopically guided surface repair of inguinal hernia. <i>British Journal of Surgery</i> , 1995 , 82, 515-7	5.3	5

89	Laparoscopic abdominoperineal excision of the rectum. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1995 , 9, 414-7	5.2	56
88	Stapled laparoscopic rectopexy for rectal prolapse. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1995 , 9, 301-3	5.2	46
87	Inflammatory markers following laparoscopic and open hernia repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1995 , 9, 695-8	5.2	35
86	CO2 laser haemorrhoidectomy--does it alter anorectal function or decrease pain compared to conventional haemorrhoidectomy?. <i>International Journal of Colorectal Disease</i> , 1995 , 10, 22-4	3	29
85	Simple ileal J-pouch construction using an endoscopic stapler. <i>Diseases of the Colon and Rectum</i> , 1995 , 38, 98-9	3.1	2
84	Inflammatory breast carcinoma. <i>Surgical Oncology</i> , 1995 , 4, 245-54	2.5	12
83	Laparoscopic surgery in patients with human immunodeficiency virus. <i>British Journal of Surgery</i> , 1994 , 81, 1647-8	5.3	15
82	Thoracoscopic oesophagectomy [minimally invasive direct vision oesophageal mobilization for cancer. <i>Ecological Management and Restoration</i> , 1994 , 7, 27-31	3	6
81	Mini-laparoscopy: Early experience and findings. <i>Minimally Invasive Therapy and Allied Technologies</i> , 1994 , 3, 351-353		
80	Extracorporeal knot tying using an atraumatic Babcock clamp. <i>Journal of Laparoendoscopic Surgery</i> , 1994 , 4, 339-41		4
79	Laparoscopic sigmoid colectomy: total laparoscopic approach. <i>Diseases of the Colon and Rectum</i> , 1994 , 37, 268-71	3.1	45
78	Audit of postanal repair in the treatment of fecal incontinence. <i>Diseases of the Colon and Rectum</i> , 1994 , 37, 369-72	3.1	39
77	Beneficial effects of taurolidine in experimental pancreatitis. <i>Journal of Surgical Research</i> , 1994 , 56, 256-60		5
76	Hernia repair. <i>Lancet, The</i> , 1994 , 343, 1163-4	4.0	1
75	Laparoscopic herniorrhaphy: initial experience in 126 patients. <i>Journal of Laparoendoscopic Surgery</i> , 1994 , 4, 179-83		14
74	Endometriosis and umbilical swelling. <i>Clinical and Experimental Obstetrics and Gynecology</i> , 1994 , 21, 28-9	1.2	6
73	Laparoscopic varicolectomy 1994 , 4, 210-2		1
72	Methods of controlling presacral bleeding. <i>Journal of the American College of Surgeons</i> , 1994 , 178, 183-4	4.4	22

71	Hypercalcemia associated with a parathyroid cyst. <i>Ulster Medical Journal</i> , 1994 , 63, 246-7	0.4	1
70	The pros and cons of laparoscopic cholecystectomy and extracorporeal shock wave lithotripsy in the management of gallstone disease. <i>Annals of the Royal College of Surgeons of England</i> , 1994 , 76, 42-6	1.4	3
69	Laparoscopic management of complete rectal prolapse: description of technique. <i>Surgical Technology International</i> , 1994 , 3, 255-7	0.8	
68	Heparinized saline to aid aspiration of blood clots during laparoscopy. <i>British Journal of Surgery</i> , 1993 , 80, 1082-3	5.3	
67	Thoracoscopic biopsy in the diagnosis of pulmonary Kaposi's sarcoma. <i>Journal of Laparoendoscopic Surgery</i> , 1993 , 3, 571-2		1
66	High-energy shock waves pyrotherapy. A new concept in extracorporeal tumour therapy. <i>Surgical Oncology</i> , 1993 , 2, 197-203	2.5	5
65	Irish society of gastroenterology. <i>Irish Journal of Medical Science</i> , 1993 , 162, 274-291	1.9	
64	Laparoscopic assisted surgery of the colon. Operative technique. <i>Endoscopic Surgery and Allied Technologies</i> , 1993 , 1, 13-5		10
63	Prospective evaluation of laparoscopic-assisted colectomy in an unselected group of patients. <i>Lancet, The</i> , 1992 , 340, 831-3	40	281
62	Sixteenth sir peter freyer memorial lecture and surgical symposium September 13th & 14th, 1991 Session I. <i>Irish Journal of Medical Science</i> , 1992 , 161, 520-546	1.9	
61	Piezoelectric lithotripsy for gallstones: analysis of results in patients with extended selection. <i>British Journal of Surgery</i> , 1991 , 78, 163-6	5.3	11
60	Gallbladder surgery following cholecystlithotripsy: suggested guidelines for treatment. <i>British Journal of Surgery</i> , 1991 , 78, 506-7	5.3	
59	Laparoscopic cholecystectomy: a hundred consecutive cases. <i>Irish Medical Journal</i> , 1991 , 84, 12-4	0.7	12
58	Combined ultrasound-guided extracorporeal shockwave lithotripsy and MTBE instillation in the treatment of common bile duct stones. <i>Hepato-Gastroenterology</i> , 1991 , 38, 36-8		2
57	Surgical intervention following fragmentation of gallstones by extracorporeal shock lithotripsy. <i>World Journal of Surgery</i> , 1990 , 14, 552	3.3	
56	Extracorporeal shock wave lithotripsy for gallstones: the shock of the eighties. <i>HPB Surgery</i> , 1990 , 2, 227-31		
55	Piezoelectric lithotripsy and soft tissue injury. Safety limits in the experimental and clinical setting. <i>Gut</i> , 1990 , 31, 1110-4	19.2	9
54	Biliary intervention via minicholecystostomy. <i>Clinical Radiology</i> , 1990 , 42, 418-22	2.9	3

53	Royal Academy of Medicine in Ireland Section of Sugery. <i>Irish Journal of Medical Science</i> , 1989 , 158, 234-238		
52	Royal Academy of Medicine in Ireland Proceedings of Section of Pathology [Registrars Prize Meeting, 22nd January 1988. <i>Irish Journal of Medical Science</i> , 1988 , 157, 390-391	1.9	
51	Royal Academy of Medicine in Ireland Surgical Section Proceedings of Registrars[Prize Meeting, held on Friday, 15th April, 1988. <i>Irish Journal of Medical Science</i> , 1988 , 157, 332-335	1.9	1
50	ROVIMAS: a software package for assessing surgical skills using the da Vinci telemanipulator system		8
49	REACT-1 round 15 final report: Increased breakthrough SARS-CoV-2 infections among adults who had received two doses of vaccine, but booster doses and first doses in children are providing important protection		3
48	Rapid increase in Omicron infections in England during December 2021: REACT-1 study		2
47	REACT-1 round 15 interim report: High and rising prevalence of SARS-CoV-2 infection in England from end of September 2021 followed by a fall in late October 2021		1
46	Evaluating the impact of a pulse oximetry remote monitoring programme on mortality and healthcare utilisation in patients with covid-19 assessed in Accident and Emergency departments in England: a retrospective matched cohort study		2
45	An enhanced marker pattern that achieves improved accuracy in surgical tool tracking. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> ,1-9	0.9	0
44	Population level impact of a pulse oximetry remote monitoring programme on mortality and healthcare utilisation in the people with covid-19 in England: a national analysis using a stepped wedge design		2
43	Behavioural responses to SARS-CoV-2 antibody testing in England: REACT-2 study. <i>Wellcome Open Research</i> ,6, 203	4.8	
42	Trends and associated factors for Covid-19 hospitalisation and fatality risk in 2.3 million adults in England		2
41	REACT-1 study round 14: High and increasing prevalence of SARS-CoV-2 infection among school-aged children during September 2021 and vaccine effectiveness against infection in England		6
40	A practical approach towards accurate dense 3D depth recovery for robotic laparoscopic surgery		12
39	Gaze-contingent control for minimally invasive robotic surgery		4
38	Community prevalence of SARS-CoV-2 virus in England during May 2020: REACT study		31
37	Transient dynamics of SARS-CoV-2 as England exited national lockdown		6
36	Antibody prevalence for SARS-CoV-2 following the peak of the pandemic in England: REACT2 study in 100,000 adults		98

35	Resurgence of SARS-CoV-2 in England: detection by community antigen surveillance	10
34	High prevalence of SARS-CoV-2 swab positivity in England during September 2020: interim report of round 5 of REACT-1 study	8
33	High and increasing prevalence of SARS-CoV-2 swab positivity in England during end September beginning October 2020: REACT-1 round 5 updated report	7
32	Declining prevalence of antibody positivity to SARS-CoV-2: a community study of 365,000 adults	67
31	High prevalence of SARS-CoV-2 swab positivity and increasing R number in England during October 2020: REACT-1 round 6 interim report	19
30	REACT-1 round 6 updated report: high prevalence of SARS-CoV-2 swab positivity with reduced rate of growth in England at the start of November 2020	11
29	REACT-1 round 7 interim report: fall in prevalence of swab-positivity in England during national lockdown	4
28	REACT-1 round 7 updated report: regional heterogeneity in changes in prevalence of SARS-CoV-2 infection during the second national COVID-19 lockdown in England	10
27	REACT-1 round 9 final report: Continued but slowing decline of prevalence of SARS-CoV-2 during national lockdown in England in February 2021	8
26	REACT-2 Round 5: increasing prevalence of SARS-CoV-2 antibodies demonstrate impact of the second wave and of vaccine roll-out in England	24
25	REACT-1 round 10 report: Level prevalence of SARS-CoV-2 swab-positivity in England during third national lockdown in March 2021	4
24	REACT-1 round 11 report: low prevalence of SARS-CoV-2 infection in the community prior to the third step of the English roadmap out of lockdown	3
23	SARS-CoV-2 lineage dynamics in England from January to March 2021 inferred from representative community samples	7
22	Acceptability, usability and performance of lateral flow immunoassay tests for SARS-CoV-2 antibodies: REACT-2 study of self-testing in non-healthcare key workers	1
21	REACT-1 round 12 report: resurgence of SARS-CoV-2 infections in England associated with increased frequency of the Delta variant	15
20	Vaccine uptake and SARS-CoV-2 antibody prevalence among 207,337 adults during May 2021 in England: REACT-2 study	3
19	SARS-CoV-2 Antibody Lateral Flow Assay for antibody prevalence studies following vaccine roll out: a Diagnostic Accuracy Study	1
18	REACT-1 round 9 interim report: downward trend of SARS-CoV-2 in England in February 2021 but still at high prevalence	5

17	Symptom reporting in over 1 million people: community detection of COVID-19		10
16	REACT-1 round 13 interim report: acceleration of SARS-CoV-2 Delta epidemic in the community in England during late June and early July 2021		2
15	Persistent symptoms following SARS-CoV-2 infection in a random community sample of 508,707 people		32
14	Using big data analytics to explore the relationship between government stringency and preventative social behaviour during the COVID-19 pandemic in the United Kingdom		1
13	Increasing SARS-CoV-2 antibody prevalence in England at the start of the second wave: REACT-2 Round 4 cross-sectional study in 160,000 adults		1
12	Behavioural responses to SARS-CoV-2 antibody testing in England: REACT-2 study. <i>Wellcome Open Research</i> ,6, 203	4.8	
11	REACT-1 round 13 final report: exponential growth, high prevalence of SARS-CoV-2 and vaccine effectiveness associated with Delta variant in England during May to July 2021		21
10	REACT-1 round 8 interim report: SARS-CoV-2 prevalence during the initial stages of the third national lockdown in England		6
9	REACT-1 round 8 final report: high average prevalence with regional heterogeneity of trends in SARS-CoV-2 infection in the community in England during January 2021		7
8	Characterising the persistence of RT-PCR positivity and incidence in a community survey of SARS-CoV-2. <i>Wellcome Open Research</i> ,7, 102	4.8	0
7	The Omicron SARS-CoV-2 epidemic in England during February 2022		2
6	SARS-CoV-2 lineage dynamics in England from September to November 2021: high diversity of Delta sub-lineages and increased transmissibility of AY.4.2		4
5	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) antibody lateral flow assay for antibody prevalence studies following vaccination: a diagnostic accuracy study. <i>Wellcome Open Research</i> ,6, 358	4.8	0
4	The diagnostic and triage accuracy of digital and online symptom checker tools: a systematic review		2
3	Assessing the Safety of Home Oximetry for Covid-19: A multi-site retrospective observational study		2
2	Do national policies for complaint handling in English hospitals support quality improvement? Lessons from a case study. <i>Journal of the Royal Society of Medicine</i> ,014107682210982	2.3	2
1	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) antibody lateral flow assay for antibody prevalence studies following vaccination: a diagnostic accuracy study. <i>Wellcome Open Research</i> ,6, 358	4.8	0