

Alfred Cuschieri

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562
papers

20,902
citations

71
h-index

123
g-index

615
ext. papers

22,910
ext. citations

5.8
avg, IF

6.72
L-index

#	Paper	IF	Citations
562	Patient survival after D1 and D2 resections for gastric cancer: long-term results of the MRC randomized surgical trial. Surgical Co-operative Group. <i>British Journal of Cancer</i> , 1999 , 79, 1522-30	8.7	1108
561	Postoperative morbidity and mortality after D1 and D2 resections for gastric cancer: preliminary results of the MRC randomised controlled surgical trial. The Surgical Cooperative Group. <i>Lancet, The</i> , 1996 , 347, 995-9	4.0	813
560	The European experience with laparoscopic cholecystectomy. <i>American Journal of Surgery</i> , 1991 , 161, 385-7	2.7	746
559	The European Association for Endoscopic Surgery clinical practice guideline on the pneumoperitoneum for laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2002 , 16, 1121-43	5.2	445
558	Membrane disruption by optically controlled microbubble cavitation. <i>Nature Physics</i> , 2005 , 1, 107-110	16.2	419
557	E.A.E.S. multicenter prospective randomized trial comparing two-stage vs single-stage management of patients with gallstone disease and ductal calculi. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1999 , 13, 952-7	5.2	350
556	Postsplenectomy sepsis and its mortality rate: actual versus perceived risks. <i>British Journal of Surgery</i> , 1991 , 78, 1031-8	5.3	344
555	Randomised study of influence of two-dimensional versus three-dimensional imaging on performance of laparoscopic cholecystectomy. <i>Lancet, The</i> , 1998 , 351, 248-51	4.0	258
554	Factors affecting quality of informed consent. <i>BMJ: British Medical Journal</i> , 1993 , 306, 885-90		243
553	Whither minimal access surgery: tribulations and expectations. <i>American Journal of Surgery</i> , 1995 , 169, 9-19	2.7	234
552	Endoscopic oesophagectomy through a right thoracoscopic approach. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 1992 , 37, 7-11		209
551	Measurements and modelling of the compliance of human and porcine organs. <i>Medical Image Analysis</i> , 2001 , 5, 231-6	15.4	206
550	Laparoscopic resection of colon Cancer: consensus of the European Association of Endoscopic Surgery (EAES). <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004 , 18, 1163-85	5.2	198
549	Cytocompatibility, interactions, and uptake of polyethyleneimine-coated boron nitride nanotubes by living cells: confirmation of their potential for biomedical applications. <i>Biotechnology and Bioengineering</i> , 2008 , 101, 850-8	4.9	174
548	Task performance in endoscopic surgery is influenced by location of the image display. <i>Annals of Surgery</i> , 1998 , 227, 481-4	7.8	173
547	Errors enacted during endoscopic surgery--a human reliability analysis. <i>Applied Ergonomics</i> , 1998 , 29, 409-14	4.2	168
546	Laparoscopic reduction, crural repair, and fundoplication of large hiatal hernia. <i>American Journal of Surgery</i> , 1992 , 163, 425-30	2.7	168

545	A Systematic Review of Virtual Reality Simulators for Robot-assisted Surgery. <i>European Urology</i> , 2016 , 69, 1065-80	10.2	167
544	Boron nitride nanotubes: An innovative tool for nanomedicine. <i>Nano Today</i> , 2009 , 4, 8-10	17.9	163
543	Laparoscopic distal 70% pancreatectomy and splenectomy for chronic pancreatitis. <i>Annals of Surgery</i> , 1996 , 223, 280-5	7.8	163
542	Multicenter prospective evaluation of laparoscopic antireflux surgery. Preliminary report. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1993 , 7, 505-10	5.2	158
541	How safe is high-power ultrasonic dissection?. <i>Annals of Surgery</i> , 2003 , 237, 186-91	7.8	148
540	What do master surgeons think of surgical competence and revalidation?. <i>American Journal of Surgery</i> , 2001 , 182, 110-6	2.7	148
539	Tamoxifen as initial sole treatment of localised breast cancer in elderly women: a pilot study. <i>British Medical Journal</i> , 1982 , 284, 869-70		145
538	Laparoscopic repair/peritoneal toilet of perforated duodenal ulcer. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1990 , 4, 232-3	5.2	140
537	Economic evaluation of da Vinci-assisted robotic surgery: a systematic review. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012 , 26, 598-606	5.2	139
536	Value of laparoscopy in the diagnosis and management of pancreatic carcinoma. <i>Gut</i> , 1978 , 19, 672-7	19.2	139
535	Identification and categorization of technical errors by Observational Clinical Human Reliability Assessment (OCHRA) during laparoscopic cholecystectomy. <i>Archives of Surgery</i> , 2004 , 139, 1215-20		138
534	Physicochemical properties affecting cellular uptake of carbon nanotubes. <i>Nanomedicine</i> , 2010 , 5, 89-97	5.6	137
533	Can the properties of carbon nanotubes influence their internalization by living cells?. <i>Carbon</i> , 2008 , 46, 1600-1610	10.4	137
532	Folate Functionalized Boron Nitride Nanotubes and their Selective Uptake by Glioblastoma Multiforme Cells: Implications for their Use as Boron Carriers in Clinical Boron Neutron Capture Therapy. <i>Nanoscale Research Letters</i> , 2008 , 4, 113-121	5	136
531	Laparoscopic cholecystectomy: the Dundee technique. <i>British Journal of Surgery</i> , 1991 , 78, 155-9	5.3	134
530	EAES ductal stone study. Preliminary findings of multi-center prospective randomized trial comparing two-stage vs single-stage management. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1996 , 10, 1130-5	5.2	131
529	Chemical composition of smoke produced by high-frequency electrosurgery in a closed gaseous environment. An in vitro study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1998 , 12, 1017-9	5.2	128
528	Influence of purity and surface oxidation on cytotoxicity of multiwalled carbon nanotubes with human neuroblastoma cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2009 , 5, 424-31	6	125

527	Capsule endoscopy: progress update and challenges ahead. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2009 , 6, 353-62	24.2	121
526	Technical review of the da Vinci surgical telemanipulator. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2013 , 9, 396-406	2.9	117
525	Real-time thermography during energized vessel sealing and dissection. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2003 , 17, 1640-5	5.2	116
524	Assessment of innate ability and skills for endoscopic manipulations by the Advanced Dundee Endoscopic Psychomotor Tester: predictive and concurrent validity. <i>American Journal of Surgery</i> , 1999 , 177, 274-7	2.7	115
523	How informed is signed consent?. <i>British Medical Journal</i> , 1988 , 296, 839-40		115
522	Laparoscopy in the management of pancreatic cancer: endoscopic cholecystojejunostomy for advanced disease. <i>British Journal of Surgery</i> , 1992 , 79, 317-9	5.3	112
521	Laparoscopy for pancreatic cancer: does it benefit the patient?. <i>European Journal of Surgical Oncology</i> , 1988 , 14, 41-4	3.6	109
520	Videothoroscopic ligation of bulla and pleurectomy for spontaneous pneumothorax. <i>Annals of Thoracic Surgery</i> , 1991 , 52, 316-9	2.7	104
519	Controlled clinical trial comparing early with interval cholecystectomy for acute cholecystitis. <i>British Journal of Surgery</i> , 1975 , 62, 850-2	5.3	102
518	Long-term follow-up of elderly patients with locoregional breast cancer treated with tamoxifen only. <i>British Journal of Surgery</i> , 1991 , 78, 213-7	5.3	101
517	Metrics for objective Assessment. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2003 , 17, 220-6	5.2	100
516	Descriptive epidemiology of isolated anal anomalies: A survey of 4.6 million births in Europe. <i>American Journal of Medical Genetics Part A</i> , 2001 , 103, 207-215		100
515	Analysis of errors enacted by surgical trainees during skills training courses. <i>Surgery</i> , 2005 , 138, 14-20	3.6	98
514	Thoracoscopic subtotal oesophagectomy. <i>Endoscopic Surgery and Allied Technologies</i> , 1994 , 2, 21-5		96
513	Minimal access surgery (MAS)-related surgeon morbidity syndromes. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2006 , 20, 1-13	5.2	94
512	Anorectal anomalies associated with or as part of other anomalies. <i>American Journal of Medical Genetics Part A</i> , 2002 , 110, 122-30		94
511	Retrospective and prospective multi-institutional laparoscopic cholecystectomy study organized by the Society of American Gastrointestinal Endoscopic Surgeons. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1992 , 6, 169-76; discussion 177-8	5.2	94
510	Computerized 24-hour ambulatory esophageal pH monitoring and esophagogastroduodenoscopy in the reflux patient. A comparative study. <i>Annals of Surgery</i> , 1984 , 200, 724-8	7.8	94

509	Initial experience with laparoscopic ultrasound-guided radiofrequency thermal ablation of hepatic tumours. <i>Endoscopy</i> , 1999 , 31, 318-21	3.4	91
508	Mechanical properties of the human abdominal wall measured in vivo during insufflation for laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2006 , 20, 987-90	5.2	90
507	In Vivo Recognition of Human Vascular Endothelial Growth Factor by Molecularly Imprinted Polymers. <i>Nano Letters</i> , 2017 , 17, 2307-2312	11.5	87
506	Laparoscopic cardiomyotomy for achalasia. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 1991 , 36, 152-4		87
505	The cytotoxicity of polycationic iron oxide nanoparticles: common endpoint assays and alternative approaches for improved understanding of cellular response mechanism. <i>Journal of Nanobiotechnology</i> , 2012 , 10, 15	9.4	86
504	The prognostic significance of the accumulation of p53 tumour-suppressor gene protein in gastric adenocarcinoma. <i>British Journal of Cancer</i> , 1994 , 69, 943-6	8.7	85
503	Zinc oxide nanoparticles as selective killers of proliferating cells. <i>International Journal of Nanomedicine</i> , 2011 , 6, 1129-40	7.3	84
502	Engineered biocompatible nanoparticles for in vivo imaging applications. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15022-9	16.4	83
501	Conversions during laparoscopic cholecystectomy: risk factors and effects on patient outcome. <i>Journal of Gastrointestinal Surgery</i> , 2006 , 10, 1081-91	3.3	83
500	Hybrid gold-iron oxide nanoparticles as a multifunctional platform for biomedical application. <i>Journal of Nanobiotechnology</i> , 2012 , 10, 27	9.4	78
499	Manipulation and filtration of low index particles with holographic Laguerre-Gaussian optical trap arrays. <i>Optics Express</i> , 2004 , 12, 593-600	3.3	78
498	Laparoscopic surgery of the pancreas. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 1994 , 39, 178-84		78
497	Boron Nitride Nanotubes: A Novel Vector for Targeted Magnetic Drug Delivery. <i>Current Nanoscience</i> , 2009 , 5, 33-38	1.4	77
496	Nature of human error: implications for surgical practice. <i>Annals of Surgery</i> , 2006 , 244, 642-8	7.8	76
495	Abdominal wall lift. Low-pressure pneumoperitoneum laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1993 , 7, 57-9	5.2	75
494	Influence of the optical axis-to-target view angle on endoscopic task performance. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1999 , 13, 371-5	5.2	72
493	Expression of p53 protein in normal, dysplastic, and malignant gastric mucosa: an immunohistochemical study. <i>Journal of Pathology</i> , 1993 , 170, 279-83	9.4	72
492	Optimal port locations for endoscopic intracorporeal knotting. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1997 , 11, 397-401	5.2	70

491	Cardiovascular consequences of laparoscopic surgery. <i>Lancet, The</i> , 1998 , 352, 568-70	4.0	70
490	Effect of fibrin glues on the mechanical properties of healing wounds. <i>British Journal of Surgery</i> , 1991 , 78, 841-3	5.3	70
489	Three-dimensional holographic optical manipulation through a high-numerical-aperture soft-glass multimode fibre. <i>Nature Photonics</i> , 2018 , 12, 33-39	33.9	70
488	Computer-controlled endoscopic performance assessment system. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1998 , 12, 997-1000	5.2	69
487	Minimal access surgery and the future of interventional laparoscopy. <i>American Journal of Surgery</i> , 1991 , 161, 404-7	2.7	69
486	Prophylactic postoperative nasogastric decompression. A prospective study of its requirement and the influence of cimetidine in 200 patients. <i>Annals of Surgery</i> , 1985 , 202, 361-6	7.8	69
485	Ergonomic principles of task alignment, visual display, and direction of execution of laparoscopic bowel suturing. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2002 , 16, 267-71	5.2	67
484	Laparoscopic antireflux surgery for gastroesophageal reflux disease (GERD). <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1997 , 11, 413-426	5.2	66
483	Wound infection rates: the importance of definition and post-discharge wound surveillance. <i>Journal of Hospital Infection</i> , 1994 , 26, 37-43	6.9	66
482	Dilemmas in the reliable estimation of the in-vitro cell viability in magnetic nanoparticle engineering: which tests and what protocols?. <i>Nanoscale Research Letters</i> , 2012 , 7, 77	5	65
481	Ultrasonic dissection for endoscopic surgery. The E.A.E.S. Technology Group. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1999 , 13, 412-7	5.2	65
480	A bi-modal approach against cancer: magnetic alginate nanoparticles for combined chemotherapy and hyperthermia. <i>Medical Hypotheses</i> , 2009 , 73, 80-2	3.8	64
479	Pyridinium crosslinks as markers of bone resorption in patients with breast cancer. <i>British Journal of Cancer</i> , 1991 , 64, 884-6	8.7	64
478	Outcome after cholecystectomy for symptomatic gall stone disease and effect of surgical access: laparoscopic v open approach. <i>Gut</i> , 1993 , 34, 1448-51	19.2	63
477	Objective assessment of endoscopic knot quality. <i>American Journal of Surgery</i> , 1997 , 174, 410-3	2.7	62
476	Influence of handle design on the surgeon's upper limb movements, muscle recruitment, and fatigue during endoscopic suturing. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2001 , 15, 667-72	5.2	62
475	The spectrum of laparoscopic surgery. <i>World Journal of Surgery</i> , 1992 , 16, 1089-97	3.3	62
474	Total pancreatectomy for chronic pancreatitis. <i>British Journal of Surgery</i> , 1987 , 74, 912-5	5.3	61

473	Intraoperative cholangiography during laparoscopic cholecystectomy. Routine vs selective policy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1994 , 8, 302-5	5.2	61
472	Comparison of direct vision and electronic two- and three-dimensional display systems on surgical task efficiency in endoscopic surgery. <i>British Journal of Surgery</i> , 1995 , 82, 849-51	5.3	60
471	The orientation of the neuronal growth process can be directed via magnetic nanoparticles under an applied magnetic field. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 1549-58	6	58
470	Ergonomics of and technologies for single-port laparoscopic surgery. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2012 , 21, 46-54	2.1	58
469	Heterogeneity of neural tube defects in Europe: the significance of site of defect and presence of other major anomalies in relation to geographic differences in prevalence. <i>Teratology</i> , 1991 , 44, 547-59		58
468	Thermographic assessment of tumor growth in mouse xenografts. <i>International Journal of Cancer</i> , 2007 , 121, 1055-8	7.5	57
467	Magnetoporation and magnetolysis of cancer cells via carbon nanotubes induced by rotating magnetic fields. <i>Nano Letters</i> , 2012 , 12, 5117-21	11.5	55
466	Laparoscopic ligamentum teres (round ligament) cardiopexy. <i>British Journal of Surgery</i> , 1991 , 78, 947-51	5.3	55
465	Laparoscopic in situ ablation of liver cancer with cryotherapy and radiofrequency ablation. <i>British Journal of Surgery</i> , 2002 , 89, 1613-9	5.3	54
464	Laparoscopic hand-assisted surgery for hepatic and pancreatic disease. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2000 , 14, 991-6	5.2	54
463	Increased cholecystectomy rate after the introduction of laparoscopic cholecystectomy in Scotland. <i>Gut</i> , 1996 , 38, 282-4	19.2	54
462	The utility of diagnostic laparoscopy for abdominal disorders. Audit of 120 patients. <i>Archives of Surgery</i> , 1992 , 127, 379-83		53
461	Patient-Specific Deep Architectural Model for ECG Classification. <i>Journal of Healthcare Engineering</i> , 2017 , 2017, 4108720	3.7	52
460	Poly-L-lysine-coated magnetic nanoparticles as intracellular actuators for neural guidance. <i>International Journal of Nanomedicine</i> , 2012 , 7, 3155-66	7.3	51
459	Enhanced low voltage cell electroporation by boron nitride nanotubes. <i>Nanotechnology</i> , 2009 , 20, 075104	3.4	51
458	Hepatic cryotherapy for liver tumors. Development and clinical evaluation of a high-efficiency insulated multineedle probe system for open and laparoscopic use. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1995 , 9, 483-9	5.2	50
457	Different cellular response mechanisms contribute to the length-dependent cytotoxicity of multi-walled carbon nanotubes. <i>Nanoscale Research Letters</i> , 2012 , 7, 361	5	49
456	Competence assessment of laparoscopic operative and cognitive skills: Objective Structured Clinical Examination (OSCE) or Observational Clinical Human Reliability Assessment (OCHRA). <i>World Journal of Surgery</i> , 2006 , 30, 527-34	3.3	49

455	Laparoscopic surgery: current status, issues and future developments. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2005 , 3, 125-30, 132-3, 135-8	2.5	49
454	The performance of master surgeons on standard aptitude testing. <i>American Journal of Surgery</i> , 2001 , 182, 30-3	2.7	49
453	A novel intracorporeal assembling robotic system for single-port laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013 , 27, 665-70	5.2	48
452	Endoscopic subtotal oesophagectomy for cancer using the right thoracoscopic approach. <i>Surgical Oncology</i> , 1993 , 2 Suppl 1, 3-11	2.5	48
451	Influence of direction of view, target-to-endoscope distance and manipulation angle on endoscopic knot tying. <i>British Journal of Surgery</i> , 1997 , 84, 1460-1464	5.3	48
450	EAES recommendations on methodology of innovation management in endoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010 , 24, 1594-615	5.2	47
449	Abdominal wall lift versus positive-pressure capnoperitoneum for laparoscopic cholecystectomy: randomized controlled trial. <i>Annals of Surgery</i> , 2004 , 239, 388-94	7.8	47
448	Some histochemical observations on the mucosubstances of the nasal glands of the mouse. <i>The Histochemical Journal</i> , 1974 , 6, 543-58		47
447	The performance of master surgeons on the Advanced Dundee Endoscopic Psychomotor Tester: contrast validity study. <i>Archives of Surgery</i> , 2002 , 137, 841-4		46
446	Needle aspiration of the breast with immediate reporting of material. <i>The BMJ</i> , 1979 , 2, 185-7		46
445	Extent of innate dexterity and ambidexterity across handedness and gender: Implications for training in laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2008 , 22, 31-7	5.2	44
444	Elasticity of the living abdominal wall in laparoscopic surgery. <i>Journal of Biomechanics</i> , 2006 , 39, 587-91	2.9	44
443	CA72-4: a new tumour marker for gastric cancer. <i>British Journal of Surgery</i> , 1990 , 77, 1010-3	5.3	44
442	Hepatobiliary anatomy in patients with transposition of the gallbladder: implications for safe laparoscopic cholecystectomy. <i>British Journal of Surgery</i> , 1996 , 83, 1442-3	5.3	44
441	Does laparoscopic cardiomyotomy require an antireflux procedure?. <i>Endoscopy</i> , 1998 , 30, 8-11	3.4	44
440	Ligation of the structures of the cystic pedicle during laparoscopic cholecystectomy. <i>American Journal of Surgery</i> , 1991 , 161, 350-4	2.7	44
439	Multiwalled carbon nanotubes as MRI contrast agents for tracking stem cells. <i>Nanotechnology</i> , 2011 , 22, 095706	3.4	43
438	Analysis of technical surgical errors during initial experience of laparoscopic pyloromyotomy by a group of Dutch pediatric surgeons. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2004 , 18, 1716-20	5.2	43

437	Ergonomic evaluation of laparoscopic bowel suturing. <i>American Journal of Surgery</i> , 1998 , 176, 373-8	2.7	43
436	Variable curvature shape-memory spatula for laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1991 , 5, 179-81	5.2	43
435	Gall bladder emptying in normal subjects--a data base for clinical cholescintigraphy. <i>Gut</i> , 1987 , 28, 137-41	9.2	43
434	Psychomotor skills for endoscopic manipulations: differing abilities between right and left-handed individuals. <i>Annals of Surgery</i> , 1997 , 225, 333-8	7.8	43
433	Thermal spread and heat absorbance differences between open and laparoscopic surgeries during energized dissections by electrosurgical instruments. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009 , 23, 2480-7	5.2	42
432	Urinary hydroxyproline excretion in early and advanced breast cancer-a sequential study. <i>British Journal of Surgery</i> , 1973 , 60, 800-3	5.3	42
431	Postoperative wound scoring. <i>Biomedicine and Pharmacotherapy</i> , 1989 , 43, 669-73	7.5	42
430	Robot-assisted total mesorectal excision for rectal cancer: case-matched comparison of short-term surgical and functional outcomes between the da Vinci Xi and Si. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018 , 32, 589-600	5.2	41
429	Influence of two-dimensional and three-dimensional imaging on endoscopic bowel suturing. <i>World Journal of Surgery</i> , 2000 , 24, 444-8; discussion 448-9	3.3	41
428	Analysis of surgical movements during suturing in laparoscopy. <i>Endoscopic Surgery and Allied Technologies</i> , 1994 , 2, 55-61		41
427	Tumour cell labelling by magnetic nanoparticles with determination of intracellular iron content and spatial distribution of the intracellular iron. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 9111-25	6.3	40
426	Progress in nanotechnology for healthcare. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2010 , 19, 127-35	2.1	40
425	Ergonomic assessment of optimum operating table height for hand-assisted laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009 , 23, 783-9	5.2	40
424	Laparoscopic prosthesis fixation rectopexy for complete rectal prolapse. <i>British Journal of Surgery</i> , 1994 , 81, 138-9	5.3	40
423	Jejunal interposition for benign esophageal disease. Technical considerations and long-term results. <i>Annals of Surgery</i> , 1987 , 205, 54-60	7.8	40
422	Surgical management of severe intractable postvagotomy diarrhoea. <i>British Journal of Surgery</i> , 1986 , 73, 981-4	5.3	39
421	Periodic shock-emission from acoustically driven cavitation clouds: a source of the subharmonic signal. <i>Ultrasonics</i> , 2014 , 54, 2151-8	3.5	38
420	Magnetic alginate microspheres: system for the position controlled delivery of nerve growth factor. <i>Biomedical Microdevices</i> , 2009 , 11, 517-27	3.7	38

419	Can armrests improve comfort and task performance in laparoscopic surgery?. <i>Annals of Surgery</i> , 2006 , 243, 329-33	7.8	38
418	Immunomodulatory activity of cucurbitacin E isolated from <i>Ecballium elaterium</i> . <i>Phytotherapy Research</i> , 2005 , 76, 439-41	3.2	37
417	R2/3 gastrectomy for gastric carcinoma: an audited experience of a consecutive series. <i>British Journal of Surgery</i> , 1985 , 72, 146-8	5.3	37
416	Laparoscopic antireflux surgery and repair of hiatal hernia. <i>World Journal of Surgery</i> , 1993 , 17, 40-5	3.3	37
415	Total radiated power, infrared output, and heat generation by cold light sources at the distal end of endoscopes and fiber optic bundle of light cables. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1998 , 12, 335-7	5.2	36
414	Treatment of acute pancreatitis with fresh frozen plasma. <i>British Journal of Surgery</i> , 1983 , 70, 710-2	5.3	36
413	Effect of intracorporeal-extracorporeal instrument length ratio on endoscopic task performance and surgeon movements. <i>Archives of Surgery</i> , 2000 , 135, 62-5; discussion 66		36
412	Neuronal cells loaded with PEI-coated FeO nanoparticles for magnetically guided nerve regeneration. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 3607-3616	7.3	35
411	Reducing errors in the operating room: surgical proficiency and quality assurance of execution. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2005 , 19, 1022-7	5.2	35
410	Image display technology and image processing. <i>World Journal of Surgery</i> , 2001 , 25, 1419-27	3.3	35
409	Reflux oesophagitis and oesophageal transit: evidence for a primary oesophageal motor disorder. <i>Gut</i> , 1988 , 29, 448-52	19.2	35
408	Magnetic nanoparticles as intraocular drug delivery system to target retinal pigmented epithelium (RPE). <i>International Journal of Molecular Sciences</i> , 2014 , 15, 1590-605	6.3	34
407	Distribution of innate ability for surgery amongst medical students assessed by an advanced virtual reality surgical simulator. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014 , 28, 1830-7	5.2	34
406	Nano-Oncology: Clinical Application for Cancer Therapy and Future Perspectives. <i>Journal of Nanomaterials</i> , 2011 , 2011, 1-10	3.2	34
405	Diagnostic yield and management benefit of laparoscopy: a prospective audit. <i>Gut</i> , 1994 , 35, 1617-21	19.2	34
404	Comparative study of the holding strength of slipknots using absorbable and nonabsorbable ligature materials. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 1994 , 8, 1285-91	5.2	34
403	Complex translocation involving chromosomes Y, 1, and 3 resulting in deletion of segment 3q23---q25. <i>Journal of Medical Genetics</i> , 1986 , 23, 91-2	5.8	34
402	Membrane lipid peroxidation by the peroxidase-like activity of magnetite nanoparticles. <i>Chemical Communications</i> , 2014 , 50, 11147-50	5.8	33

401	Jejunal pouch reconstruction after total gastrectomy for cancer: experience in 29 patients. <i>British Journal of Surgery</i> , 1990 , 77, 421-4	5.3	33
400	Laparoscopic gastric resection. <i>Surgical Clinics of North America</i> , 2000 , 80, 1269-84, viii	4	33
399	Influence of pathological tumour variables on long-term survival in resectable gastric cancer. <i>British Journal of Cancer</i> , 2002 , 86, 674-9	8.7	32
398	Central and peripheral adverse hemodynamic changes during laparoscopic surgery and their reversal with a novel intermittent sequential pneumatic compression device. <i>Annals of Surgery</i> , 2001 , 233, 176-82	7.8	32
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104	Spatially controlled sonoporation of prostate cancer cells via ultrasound activated microbubble cavitation		2
103	Ergonomics of Hand-Assisted Laparoscopic Surgery. <i>Surgical Innovation</i> , 2001 , 8, 92-95	2	2
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64	Ergonomics of Task Performance in Endoscopic Surgery 1999 , 35-48		1
63	Common Bile Duct Exploration via Laparoscopic Choledochotomy 1999 , 178-187		1
62	Thoracoscopic Ligation of Pleural Bullae and Parietal Pleurectomy for Recurrent Spontaneous Pneumothorax. Treatment of Empyema and Pericardiectomy 1992 , 134-140		1
61	Future Advances in Endoscopic Surgery 1992 , 336-347		1
60	Cholecystostomy Drainage for Severe Acute Cholecystitis 1992 , 240-245		1

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