

Alfred Cuschieri

List of Publications by Year in Descending Order

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

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	Ensemble deep learning for the prediction of proficiency at a virtual simulator for robot-assisted surgery.. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022 , 1	5.2	2
561	Soft hybrid intrinsically motile robot for wireless small bowel enteroscopy.. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022 , 1	5.2	0
560	A systematic review on artificial intelligence in robot-assisted surgery. <i>International Journal of Surgery</i> , 2021 , 95, 106151	7.5	5
559	Precise Control and Experimental Evaluation of a Novel Endoscopic Suturing Device for Large Perforations. <i>Journal of Medical and Biological Engineering</i> , 2021 , 41, 350-359	2.2	
558	Use of barbed suture without fashioning the "classical" Wirsung-jejunostomy in a modified end-to-side robotic pancreatojejunostomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021 , 35, 955-961	5.2	4
557	Hydro-jet propelled colonoscopy: proof of concept in a phantom colon. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021 , 35, 989-995	5.2	
556	Objective assessment of surgical operative performance by observational clinical human reliability analysis (OCHRA): a systematic review. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020 , 34, 1492-1508	5.2	7
555	Robotic-assisted versus open left pancreatectomy for cystic tumours: A single-centre experience. <i>Journal of Minimal Access Surgery</i> , 2020 , 16, 66-70	1.2	3
554	A Soft Pneumatic Inchworm Double balloon (SPID) for colonoscopy. <i>Scientific Reports</i> , 2019 , 9, 11109	4.9	23
553	The Safer Prescription of Opioids Tool (SPOT): A Novel Clinical Decision Support Digital Health Platform for Opioid Conversion in Palliative and End of Life Care-A Single-Centre Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	1
552	Should we use virtual simulators for surgical resident selection?. <i>Journal of Robotic Surgery</i> , 2019 , 13, 605-606	2.9	
551	Structured cost analysis of robotic TME resection for rectal cancer: a comparison between the da Vinci Si and Xi in a single surgeon experience. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019 , 33, 1858-1869	5.2	32
550	4 DOFs Hollow Soft Pneumatic Actuator. <i>Materials Research Express</i> , 2019 , 6, 045703	1.7	10
549	A prospective, single-arm study on the use of the da Vinci Table Motion with the Trumpf TS7000dV operating table. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018 , 32, 4165-4172	5.2	4
548	Distribution of innate psychomotor skills recognized as important for surgical specialization in unconditioned medical undergraduates. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018 , 32, 4087-4095	5.2	18
547	Robotic Colorectal Resection With and Without the Use of the New Da Vinci Table Motion: A Case-Matched Study. <i>Surgical Innovation</i> , 2018 , 25, 251-257	2	4
546	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

545	Nano-topography: Quicksand for cell cycle progression?. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 2656-2665	6	3
544	A 4 DOFs variable stiffness soft module 2018 ,		3
543	Gastrointestinal stromal tumours of stomach: Robot-assisted excision with the da Vinci Surgical System regardless of size and location site. <i>Journal of Minimal Access Surgery</i> , 2018 ,	1.2	7
542	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
541	Performances on simulator and da Vinci robot on subjects with and without surgical background. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2018 , 27, 309-314	2.1	5
540	Piconewton Mechanical Forces Promote Neurite Growth. <i>Biophysical Journal</i> , 2018 , 115, 2026-2033	2.9	11
539	Pancreatoduodenectomy without Vascular Resection in Patients with Primary Resectable Adenocarcinoma and Unilateral Venous Contact: A Matched Case Study. <i>Gastroenterology Research and Practice</i> , 2018 , 2018, 1081494	2	1
538	Design of a 2 DOFs Mini Hollow Joint Actuated with SMA Wires. <i>Materials</i> , 2018 , 11,	3.5	5
537	Comparative health technology assessment of robotic-assisted, direct manual laparoscopic and open surgery: a prospective study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017 , 31, 543-551	5.2	12
536	Predicting burst pressure of radiofrequency-induced colorectal anastomosis by bio-impedance measurement. <i>Physiological Measurement</i> , 2017 , 38, 489-500	2.9	6
535	In Vivo Recognition of Human Vascular Endothelial Growth Factor by Molecularly Imprinted Polymers. <i>Nano Letters</i> , 2017 , 17, 2307-2312	11.5	87
534	Influence of videogames and musical instruments on performances at a simulator for robotic surgery. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2017 , 26, 129-134	2.1	14
533	Bicomponent Conformal Electrode for Radiofrequency Sequential Ablation and Circumferential Separation of Large Tumors in Solid Organs: Development and In Vitro Evaluation. <i>IEEE Transactions on Biomedical Engineering</i> , 2017 , 64, 699-705	5	18
532	A modified frequency slice wavelet transform for physiological signal time-frequency analysis 2017 ,		2
531	Low power consumption mini rotary actuator with SMA wires. <i>Smart Materials and Structures</i> , 2017 , 26, 115003	3.4	12
530	Towards Scalable Strain Gauge-Based Joint Torque Sensors. <i>Sensors</i> , 2017 , 17,	3.8	13
529	Patient-Specific Deep Architectural Model for ECG Classification. <i>Journal of Healthcare Engineering</i> , 2017 , 2017, 4108720	3.7	52
528	A Systematic Review of Virtual Reality Simulators for Robot-assisted Surgery. <i>European Urology</i> , 2016 , 69, 1065-80	10.2	167

527	Current state of micro-robots/devices as substitutes for screening colonoscopy: assessment based on technology readiness levels. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016 , 30, 404-413	5.2	9
526	Novel endoscopic multi-firing-clip applicator for endoscopic closure of large colonic perforations. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2016 , 25, 188-95	2.1	3
525	Liver retraction system by C3-muco-adhesive polymer films for laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016 , 30, 2834-9	5.2	1
524	Use of a novel multi-purpose sponge for laparoscopic surgery: Does it have special relevance to robotically-assisted laparoscopic surgery?. <i>Journal of Minimal Access Surgery</i> , 2016 , 12, 315-20	1.2	
523	A hydraulically driven colonoscope. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016 , 30, 4515-24	5.2	2
522	Novel concave-convex electrode for colonic anastomoses by radiofrequency thermo-fusion. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015 , 29, 1809-16	5.2	5
521	Tumour cell membrane poration and ablation by pulsed low-intensity electric field with carbon nanotubes. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 6890-901	6.3	12
520	Non-mammalian vertebrate embryos as models in nanomedicine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 703-19	6	29
519	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
518	Biomechanics-machine learning system for surgical gesture analysis and development of technologies for minimal access surgery. <i>Surgical Innovation</i> , 2014 , 21, 504-12	2	7
517	Intraluminal magnetisation of bowel by ferromagnetic particles for retraction and manipulation by magnetic probes. <i>Medical Engineering and Physics</i> , 2014 , 36, 1521-5	2.4	4
516	The Quality of Life of Patients Treated With Robotic Versus Traditional Surgery Results From An Italian Observational Multicenter Study. <i>Value in Health</i> , 2014 , 17, A538-9	3.3	1
515	Membrane lipid peroxidation by the peroxidase-like activity of magnetite nanoparticles. <i>Chemical Communications</i> , 2014 , 50, 11147-50	5.8	33
514	Periodic shock-emission from acoustically driven cavitation clouds: a source of the subharmonic signal. <i>Ultrasonics</i> , 2014 , 54, 2151-8	3.5	38
513	Electrical conductivity measurement in Thiel-embalmed tissue model: relevance to radiofrequency ablation. <i>Electronics Letters</i> , 2014 , 50, 1125-1127	1.1	2
512	Meta-analysis of D1 versus D2 gastrectomy for gastric adenocarcinoma: let us move on to another era. <i>Annals of Surgery</i> , 2014 , 259, e90	7.8	22
511	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
510	Information-enhanced sparse binary matrix in compressed sensing for ECG. <i>Electronics Letters</i> , 2014 , 50, 1271-1273	1.1	10

509	Mucoadhesive polymer films for tissue retraction in laparoscopic surgery: Ex-vivo study on their mechanical properties. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 445-51	1	2
508	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
507	Impact of fenestrations and surface profiling on the holding of tissue by parallel occlusion laparoscopic graspers. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014 , 28, 1277-83	5.2	7
506	Sheets of vertically aligned BaTiO ₃ nanotubes reduce cell proliferation but not viability of NIH-3T3 cells. <i>PLoS ONE</i> , 2014 , 9, e115183	3.7	1
505	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
504	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
503	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
502	Magnetic retraction of bowel by intraluminal injectable cyanoacrylate-based magnetic glue. <i>BioMed Research International</i> , 2013 , 2013, 526512	3	4
501	Generation of magnetized olfactory ensheathing cells for regenerative studies in the central and peripheral nervous tissue. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 10852-68	6.3	12
500	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
499	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
498	The importance of physics to progress in medical treatment. <i>Lancet, The</i> , 2012 , 379, 1534-43	40	8
497	Hybrid gold-iron oxide nanoparticles as a multifunctional platform for biomedical application. <i>Journal of Nanobiotechnology</i> , 2012 , 10, 27	9.4	78
496	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
495	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
494	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
493	Image-based 3D modeling and validation of radiofrequency interstitial tumor ablation using a tissue-mimicking breast phantom. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2012 , 7, 941-8	3.9	31
492	Comparison of endoscopic task performance with crossed versus uncrossed straight and curved instruments through a single port. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012 , 26, 3605-11	5.2	13

491	Thermal fusion: effects and interactions of temperature, compression, and duration variables. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012 , 26, 3626-33	5.2	21
490	Ergonomics of and technologies for single-port laparoscopic surgery. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2012 , 21, 46-54	2.1	58
489	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
488	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
487	Finite Element Study of Carbon Nanotube Induced Cell Membrane Poration for Drug and Gene Delivery. <i>Journal of Medical Imaging and Health Informatics</i> , 2012 , 2, 132-138	1.2	4
486	Proficiency assessment of gesture analysis in laparoscopy by means of the surgeon@ musculo-skeleton model. <i>Annals of Surgery</i> , 2012 , 255, 394-8	7.8	6
485	BNNT-mediated irreversible electroporation: its potential on cancer cells. <i>Technology in Cancer Research and Treatment</i> , 2012 , 11, 459-65	2.7	29
484	Multiwalled Carbon Nanotube Antennas Induce Effective Plasmid DNA Transfection of Bacterial Cells. <i>Journal of Nanoneuroscience</i> , 2012 , 2, 56-62		5
483	19. Laparoscopic Surgery for Gastric Cancer 2012 , 287-302		
482	Carbon nanotube-mediated wireless cell permeabilization: drug and gene uptake. <i>Nanomedicine</i> , 2011 , 6, 1709-18	5.6	27
481	Physical Properties of Carbon Nanotubes for Therapeutic Applications 2011 , 3-26		2
480	Imaging and Biomedical Application of Magnetic Carbon Nanotubes 2011 ,		2
479	Changes in the hospital care following European Working Time Directive with special reference to the craft specialties. <i>International Journal of Healthcare Technology and Management</i> , 2011 , 12, 215	0.3	1
478	PC12 Interaction with Magnetic Nanotubes: Effects on Viability, Cell Differentiation and Cell Translocation Induced by a Magnetic Field. <i>Current Nanoscience</i> , 2011 , 7, 337-344	1.4	5
477	Zinc oxide nanoparticles as selective killers of proliferating cells. <i>International Journal of Nanomedicine</i> , 2011 , 6, 1129-40	7.3	84
476	A micropower miniature piezoelectric actuator for implantable middle ear hearing device. <i>IEEE Transactions on Biomedical Engineering</i> , 2011 , 58, 452-8	5	8
475	Toriello-Carey syndrome with a 6Mb interstitial deletion at 22q12 detected by array CGH. <i>American Journal of Medical Genetics, Part A</i> , 2011 , 155A, 1390-2	2.5	16
474	Single-incision laparoscopic surgery. <i>Journal of Minimal Access Surgery</i> , 2011 , 7, 3-5	1.2	10

473	Magnetic carbon nanotubes: a new tool for shepherding mesenchymal stem cells by magnetic fields. <i>Nanomedicine</i> , 2011 , 6, 43-54	5.6	28
472	Multiwall carbon nanotubes as MRI contrast agents for tracking stem cells. <i>Nanotechnology</i> , 2011 , 22, 095706	3.4	43
471	Nano-Oncology: Clinical Application for Cancer Therapy and Future Perspectives. <i>Journal of Nanomaterials</i> , 2011 , 2011, 1-10	3.2	34
470	Errors in laparoscopic surgery: what surgeons should know. <i>Minerva Chirurgica</i> , 2011 , 66, 107-17	0.8	6
469	Intra-luminal injection of ferro-fluid for magnetic bowel retraction in minimal access surgery 2010 ,		1
468	FEM analysis of carbon nanotube induced cell poration under electric field 2010 ,		1
467	Human reliability analysis (HRA) techniques and observational clinical HRA. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2010 , 19, 12-7	2.1	16
466	Physicochemical properties affecting cellular uptake of carbon nanotubes. <i>Nanomedicine</i> , 2010 , 5, 89-97	5.6	137
465	Progress in nanotechnology for healthcare. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2010 , 19, 127-35	2.1	40
464	In vitro and in vivo biocompatibility testing of functionalized carbon nanotubes. <i>Methods in Molecular Biology</i> , 2010 , 625, 67-83	1.4	18
463	Engineered biocompatible nanoparticles for in vivo imaging applications. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15022-9	16.4	83
462	Evaluation of cationic liposomes composed of an amino acid-based lipid for neuronal transfection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010 , 6, 70-7	6	29
461	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
460	Hand-assisted laparoscopic surgery is associated with enhanced depth perception in novices. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010 , 24, 2694-9	5.2	3
459	Synthesis, characterisation and dispersion of zinc oxide nanorods for biomedical applications. <i>Micro and Nano Letters</i> , 2010 , 5, 355	0.9	9
458	Carbon nanotube-enhanced cell electroporabilisation. <i>Bioelectrochemistry</i> , 2010 , 79, 136-41	5.6	27
457	Capsule endoscopy: progress update and challenges ahead. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2009 , 6, 353-62	24.2	121
456	Enhanced low voltage cell electroporabilization by boron nitride nanotubes. <i>Nanotechnology</i> , 2009 , 20, 075104	3.4	51

455	Rapid and efficient cell labeling with a MRI contrast agent by electroporation in the presence of protamine sulfate. <i>Nanomedicine</i> , 2009 , 4, 305-15	5.6	12
454	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
453	Proficiency-gain curve for an advanced laparoscopic procedure defined by observation clinical human reliability assessment (OCHRA). <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009 , 23, 869-75	5.2	31
452	Influence of compression pressure from the hand access device on hand microcirculation during hand-assisted laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009 , 23, 1070-4	5.2	1
451	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
450	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
449	Magnetic alginate microspheres: system for the position controlled delivery of nerve growth factor. <i>Biomedical Microdevices</i> , 2009 , 11, 517-27	3.7	38
448	Combination of polymer technology and carbon nanotube array for the development of an effective drug delivery system at cellular level. <i>Nanoscale Research Letters</i> , 2009 , 4, 668-73	5	16
447	Boron nitride nanotubes: An innovative tool for nanomedicine. <i>Nano Today</i> , 2009 , 4, 8-10	17.9	163
446	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
445	Ferromagnetization of target tissues by interstitial injection of ferrofluid: formulation and evidence of efficacy for magnetic retraction. <i>IEEE Transactions on Biomedical Engineering</i> , 2009 , 56, 2244-52	5	6
444	Boron Nitride Nanotubes: A Novel Vector for Targeted Magnetic Drug Delivery. <i>Current Nanoscience</i> , 2009 , 5, 33-38	1.4	77
443	Cell creeping and controlled migration by magnetic carbon nanotubes. <i>Nanoscale Research Letters</i> , 2009 , 5, 257-62	5	17
442	Capsule endoscopy. <i>BMJ, The</i> , 2009 , 339, b3420	5.9	8
441	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
440	Development of force measurement system for clinical use in minimal access surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2008 , 22, 467-71	5.2	21
439	Ideal manipulation angle and instrument length in hand-assisted laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2008 , 22, 924-9	5.2	23
438	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

437	Long-term comparative outcome between laparoscopic total Nissen and Toupet fundoplication: Symptomatic relief, patient satisfaction and quality of life. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2008 , 22, 1048-53	5.2	29
436	Retraction by surface ferromagnetisation of target tissues: preliminary studies on feasibility of magnetic retraction for endoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2008 , 22, 1838-44	5.2	14
435	EndoCAS navigator platform: a common platform for computer and robotic assistance in minimally invasive surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2008 , 4, 242-51	2.9	20
434	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
433	Can the properties of carbon nanotubes influence their internalization by living cells?. <i>Carbon</i> , 2008 , 46, 1600-1610	10.4	137
432	Ergonomics of Task Performance in Endoscopic Surgery 2008 , 39-50		4
431	Thermographic assessment of tumor growth in mouse xenografts. <i>International Journal of Cancer</i> , 2007 , 121, 1055-8	7.5	57
430	e-Science and artificial neural networks in cancer management. <i>Concurrency Computation Practice and Experience</i> , 2007 , 19, 251-263	1.4	4
429	Artificial neural network: predicted vs observed survival in patients with colonic cancer. <i>Diseases of the Colon and Rectum</i> , 2007 , 50, 184-91	3.1	12
428	Clinical update: endoscopy for small-bowel tumours. <i>Lancet, The</i> , 2007 , 370, 114-116	4.0	23
427	Laparoscopic bile duct surgery: Home truths. <i>Journal of Minimal Access Surgery</i> , 2007 , 3, 1-2	1.2	2
426	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
425	Optimisation of Fixation Period on Biological Cells via Time-Lapse Elasticity Mapping. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, 2341-2344	1.4	5
424	The EAES Clinical Practice Guidelines on the Pneumoperitoneum for Laparoscopic Surgery (2002) 2006 , 39-85		3
423	Can armrests improve comfort and task performance in laparoscopic surgery?. <i>Annals of Surgery</i> , 2006 , 243, 329-33	7.8	38
422	Nature of human error: implications for surgical practice. <i>Annals of Surgery</i> , 2006 , 244, 642-8	7.8	76
421	Free radical production in the esophago-gastro-duodenal mucosa in response to acid and bile. <i>Ecological Management and Restoration</i> , 2006 , 19, 99-104	3	5
420	Conversions during laparoscopic cholecystectomy: risk factors and effects on patient outcome. <i>Journal of Gastrointestinal Surgery</i> , 2006 , 10, 1081-91	3.3	83

419	Elasticity of the living abdominal wall in laparoscopic surgery. <i>Journal of Biomechanics</i> , 2006 , 39, 587-91	2.9	44
418	Skin wound closure with a novel shape-memory alloy fixator. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2006 , 20, 311-5	5.2	4
417	Optimum view distance for laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2006 , 20, 1879-82	5.2	18
416	Minimal access surgery (MAS)-related surgeon morbidity syndromes. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2006 , 20, 1-13	5.2	94
415	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
414	Epistemology of visual imaging in endoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2006 , 20 Suppl 2, S419-24	5.2	13
413	Special issue in honoring Dr. George Berci. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2006 , 20 Suppl 2, S409-504	5.2	
412	Common Bile Duct Exploration via Laparoscopic Choledochotomy 2006 , 186-196		
411	The EAES Clinical Practice Guidelines on Laparoscopic Resection of Colonic Cancer (2004) 2006 , 161-207		
410	The EAES Clinical Practice Guidelines on Laparoscopic Antireflux Surgery for Gastroesophagel Reflux Disease (1997) 2006 , 97-124		2
409	Shape memory alloy clip for compression colonic anastomosis. <i>Journal of Biomechanical Engineering</i> , 2005 , 127, 351-4	2.1	23
408	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
407	Real time observation of the ultrasound stimulated disintegration of optically trapped microbubbles in proximity to biological cells 2005 ,		1
406	Membrane disruption by optically controlled microbubble cavitation. <i>Nature Physics</i> , 2005 , 1, 107-110	16.2	419
405	Familial pseudoexfoliation in Gozo. <i>Eye</i> , 2005 , 19, 1280-5	4.4	12
404	Immunomodulatory activity of cucurbitacin E isolated from <i>Ecballium elaterium</i> . <i>Fitoterapia</i> 2005 , 76, 439-41	3.2	37
403	Analysis of errors enacted by surgical trainees during skills training courses. <i>Surgery</i> , 2005 , 138, 14-20	3.6	98
402	Effect of fixation of shoulder and elbow joint movement on the precision of laparoscopic instrument manipulations. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2005 , 19, 366-8	5.2	8

401	Multimedia article. Laparoscopic transection choledochoduodenostomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2005 , 19, 728	5.2	9
400	Assessing the benefits of "gaze-down" display location in complex tasks. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2005 , 19, 105-8	5.2	27
399	Prevention of lens condensation in laparoscopic surgery by lens heating with a thermos flask. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2005 , 19, 299-300	5.2	24
398	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
397	Development of a shape memory alloy multiple-point injector for chemotherapy. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2005 , 219, 213-7	1.7	5
396	Thermographic investigation of the heating effect of high intensity focused ultrasound. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2005 , 2005, 3456-8		3
395	Laparoscopic liver resections. <i>Journal of Minimal Access Surgery</i> , 2005 , 1, 99-109	1.2	1
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