

Julian A Smith

List of Publications by Year in descending order

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Version: 2024-02-01

266
papers

5,595
citations

87723

38
h-index

110170

64
g-index

269
all docs

269
docs citations

269
times ranked

5878
citing authors

#	ARTICLE	IF	CITATIONS
1	Tranexamic Acid in Patients Undergoing Coronary-Artery Surgery. <i>New England Journal of Medicine</i> , 2017, 376, 136-148.	13.9	455
2	The Potential for Bronchoscopic Lung Volume Reduction Using Bronchial Prostheses. <i>Chest</i> , 2003, 124, 1073-1080.	0.4	188
3	Stopping vs. Continuing Aspirin before Coronary Artery Surgery. <i>New England Journal of Medicine</i> , 2016, 374, 728-737.	13.9	148
4	Usefulness of Postoperative Atrial Fibrillation as an Independent Predictor for Worse Early and Late Outcomes After Isolated Coronary Artery Bypass Grafting (Multicenter Australian Study of 19,497) <i>Tj ETQq0 0 0 rgBT/Overlock10 Tf 50</i>	0.7	116
5	Enhanced sliding mode motion tracking control of piezoelectric actuators. <i>Sensors and Actuators A: Physical</i> , 2007, 138, 194-202.	2.0	132
6	Robust motion tracking control of piezo-driven flexure-based four-bar mechanism for micro/nano manipulation. <i>Mechatronics</i> , 2008, 18, 111-120.	2.0	124
7	Coenzyme Q10 therapy before cardiac surgery improves mitochondrial function and in vitro contractility of myocardial tissue. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 129, 25-32.	0.4	120
8	Contemporary Results Show Repeat Coronary Artery Bypass Grafting Remains a Risk Factor for Operative Mortality. <i>Annals of Thoracic Surgery</i> , 2009, 87, 1386-1391.	0.7	116
9	Validation of the EuroSCORE model in Australia†. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, 441-446.	0.6	115
10	Major Complications Related to the Use of Transesophageal Echocardiography in Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009, 23, 62-65.	0.6	109
11	Sliding-Mode Enhanced Adaptive Motion Tracking Control of Piezoelectric Actuation Systems for Micro/Nano Manipulation. <i>IEEE Transactions on Control Systems Technology</i> , 2008, 16, 826-833.	3.2	106
12	Sex differences in outcomes following isolated coronary artery bypass graft surgery in Australian patients: analysis of the Australasian Society of Cardiac and Thoracic Surgeons cardiac surgery database. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 755-762.	0.6	92
13	Empyema thoracis: 14-year experience in a teaching center. <i>Annals of Thoracic Surgery</i> , 1991, 51, 39-42.	0.7	88
14	Progress Towards a National Cardiac Procedure Database—Development of the Australasian Society of Cardiac and Thoracic Surgeons (ASCTS) and Melbourne Interventional Group (MIG) Registries. <i>Heart Lung and Circulation</i> , 2011, 20, 10-18.	0.2	78
15	RISK FACTORS FOR SURGICAL WOUND INFECTION AND BACTERAEMIA FOLLOWING CORONARY ARTERY BYPASS SURGERY. <i>ANZ Journal of Surgery</i> , 2000, 70, 47-51.	0.3	74
16	Prediction of acute kidney injury within 30 days of cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1875-1883.e1.	0.4	71
17	Aspirin and Tranexamic Acid for Coronary Artery Surgery (ATACAS) Trial: Rationale and design. <i>American Heart Journal</i> , 2008, 155, 224-230.	1.2	67
18	Robust Neural Network Motion Tracking Control of Piezoelectric Actuation Systems for Micro/Nanomanipulation. <i>IEEE Transactions on Neural Networks</i> , 2009, 20, 356-367.	4.8	67

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19	<scp>ADAM</scp> 17 selectively activates the <scp>IL</scp> â€“ signaling/ <scp>ERK MAPK</scp> axis in <scp>KRAS</scp> â€“ addicted lung cancer. EMBO Molecular Medicine, 2019, 11, .	3.3	65
20	Quality Control Activities Associated with Registries in Interventional Cardiology and Surgery. Heart Lung and Circulation, 2011, 20, 180-186.	0.2	64
21	Urinary hypoxia: an intraoperative marker of risk of cardiac surgery-associated acute kidney injury. Nephrology Dialysis Transplantation, 2018, 33, 2191-2201.	0.4	63
22	Trends in coronary artery bypass graft surgery in Victoria, 2001â€“2006: findings from the Australasian Society of Cardiac and Thoracic Surgeons database project. Medical Journal of Australia, 2008, 188, 214-217.	0.8	59
23	Development and control of a two DOF linearâ€“angular precision positioning stage. Mechatronics, 2015, 32, 34-43.	2.0	56
24	A preoperative risk prediction model for 30-day mortality following cardiac surgery in an Australian cohortâ†. European Journal of Cardio-thoracic Surgery, 2010, 37, 1086-1092.	0.6	53
25	An Australian risk prediction model for 30-day mortality after isolated coronary artery bypass: The AusSCORE. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 904-910.	0.4	52
26	Failure Rates of Base of Thumb Arthritis Surgery: A Systematic Review. Journal of Hand Surgery, 2019, 44, 728-741.e10.	0.7	52
27	Editorial commentThe EuroSCORE risk stratification system in the current era: how accurate is it and what should be done if it is inaccurate?. European Journal of Cardio-thoracic Surgery, 2009, 35, 59-61.	0.6	51
28	A Cost-analysis Study of Robotic Versus Conventional Mitral Valve Repair. Heart Lung and Circulation, 2010, 19, 413-418.	0.2	51
29	Does Prior Percutaneous Coronary Intervention Adversely Affect Early and Mid-Term Survival After Coronary Artery Surgery?. JACC: Cardiovascular Interventions, 2009, 2, 758-764.	1.1	48
30	Development and Preliminary Validation of the EASE: A Tool to Measure Perceived Singing Voice Function. Journal of Voice, 2013, 27, 454-462.	0.6	48
31	Bilateral sequential single lung transplantation for pulmonary hypertension and Eisenmengerâ€™s syndrome. Annals of Thoracic Surgery, 2000, 69, 381-387.	0.7	47
32	Initial Twelve Months Experience and Analysis for 2001â€“2002 from the Australasian Society of Cardiac and Thoracic Surgeonsâ€™ Victorian Database Project. Heart Lung and Circulation, 2004, 13, 291-297.	0.2	46
33	Urinary oxygen tension: a clinical window on the health of the renal medulla?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R45-R50.	0.9	46
34	Critical Analysis of Early and Late Outcomes After Isolated Coronary Artery Bypass Surgery in Elderly Patients. Annals of Thoracic Surgery, 2011, 92, 1703-1711.	0.7	44
35	Epicardial High-intensity Focused Ultrasound Cardiac Ablation for Surgical Treatment of Atrial Fibrillation. Heart Lung and Circulation, 2009, 18, 28-31.	0.2	43
36	Transfusion practice varies widely in cardiac surgery: Results from a national registry. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1684-1690.e1.	0.4	43

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37	An actuated force feedback-enabled laparoscopic instrument for robotic-assisted surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2014, 10, 11-21.	1.2	42
38	Renal hemodynamics, function, and oxygenation during cardiac surgery performed on cardiopulmonary bypass: a modeling study. <i>Physiological Reports</i> , 2015, 3, e12260.	0.7	40
39	Lung volume reduction surgery in emphysema: a systematic review. <i>Annals of Thoracic Surgery</i> , 2001, 72, 641-648.	0.7	39
40	Tumour necrosis factor α stimulates human neutrophils to release preformed activin A. <i>Immunology and Cell Biology</i> , 2011, 89, 889-896.	1.0	39
41	Recovery of Cognitive Function After Coronary Artery Bypass Graft Operations. <i>Annals of Thoracic Surgery</i> , 2013, 95, 1306-1313.	0.7	39
42	Impact of graft ischemic time on outcomes after bilateral sequential single-lung transplantation. <i>Annals of Thoracic Surgery</i> , 1999, 67, 1577-1582.	0.7	38
43	Gastrointestinal complications after cardiac surgery: 10-year experience of a single Australian centre. <i>ANZ Journal of Surgery</i> , 2013, 83, 651-656.	0.3	37
44	Stanford Type A Aortic Dissection in Pregnancy: A Diagnostic and Management Challenge. <i>Heart Lung and Circulation</i> , 2013, 22, 12-18.	0.2	36
45	Factors that confound the prediction of renal medullary oxygenation and risk of acute kidney injury from measurement of bladder urine oxygen tension. <i>Acta Physiologica</i> , 2019, 227, e13294.	1.8	36
46	Clinical characteristics and early mortality of patients undergoing coronary artery bypass grafting compared to percutaneous coronary intervention: Insights from the Australasian Society of Cardiac and Thoracic Surgeons (ASCTS) and the Melbourne Interventional Group (MIG) Registries. <i>Heart Lung and Circulation</i> , 2009, 18, 184-190.	0.2	35
47	Dynamic motion analysis of dart throwers motion visualized through computerized tomography and calculation of the axis of rotation. <i>Journal of Hand Surgery: European Volume</i> , 2014, 39, 364-372.	0.5	35
48	SURGEONS' ATTITUDES TOWARDS AND USAGE OF EVIDENCE-BASED MEDICINE IN SURGICAL PRACTICE: A PILOT STUDY. <i>ANZ Journal of Surgery</i> , 2007, 77, 231-236.	0.3	34
49	Evidence-based medicine training and implementation in surgery: the role of surgical cultures. <i>Journal of Evaluation in Clinical Practice</i> , 2011, 17, 819-826.	0.9	34
50	Postoperative Atrial Fibrillation After Isolated Aortic Valve Replacement: A Cause for Concern?. <i>Annals of Thoracic Surgery</i> , 2013, 95, 133-140.	0.7	34
51	Impact of smoking status on early and late outcomes after isolated coronary artery bypass graft surgery. <i>Journal of Cardiology</i> , 2013, 61, 336-341.	0.8	34
52	Acute pulmonary embolectomy. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 1087-1095.	0.6	34
53	Effects of realistic force feedback in a robotic assisted minimally invasive surgery system. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2014, 23, 127-135.	0.6	33
54	Design, analysis and experimental investigations of a high precision flexure-based microgripper for micro/nano manipulation. <i>Mechatronics</i> , 2020, 69, 102396.	2.0	33

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55	Perspectives on the Impact on Vocal Function of Heavy Vocal Load Among Working Professional Music Theater Performers. <i>Journal of Voice</i> , 2013, 27, 390.e31-390.e39.	0.6	31
56	Study protocol for a randomised controlled trial of invasive versus conservative management of primary spontaneous pneumothorax. <i>BMJ Open</i> , 2016, 6, e011826.	0.8	31
57	Chronic extra-aortic balloon counterpulsation: First-in-human pilot study in end-stage heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2010, 29, 1427-1432.	0.3	30
58	Saphenous vein graft pseudoaneurysm formation after postoperative mediastinitis. <i>Annals of Thoracic Surgery</i> , 1992, 54, 766-768.	0.7	29
59	Preoperative atrial fibrillation is an independent risk factor for mid-term mortality after concomitant aortic valve replacement and coronary artery bypass graft surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 16, 488-494.	0.5	29
60	AusSCORE II in predicting 30-day mortality after isolated coronary artery bypass grafting in Australia and New Zealand. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1850-1855.e2.	0.4	29
61	Regulation and actions of activin A and follistatin in myocardial ischaemiaâ€“reperfusion injury. <i>Cytokine</i> , 2014, 69, 255-262.	1.4	29
62	Lung volume reduction surgery for emphysema. <i>Medical Journal of Australia</i> , 1997, 167, 529-532.	0.8	28
63	Imagining a continuing interprofessional education program (CIPE) within surgical training. <i>Journal of Continuing Education in the Health Professions</i> , 2009, 29, 185-189.	0.4	28
64	Impact of prosthesis-patient mismatch after mitral valve replacement: a multicentre analysis of early outcomes and mid-term survival. <i>Heart</i> , 2011, 97, 1074-1081.	1.2	27
65	Procedure-specific Cardiac Surgeon Volume associated with Patient outcome following Valve Surgery, but not Isolated CABG Surgery. <i>Heart Lung and Circulation</i> , 2015, 24, 583-589.	0.2	27
66	Machine Learning Algorithms for Predicting and Risk Profiling of Cardiac Surgery-Associated Acute Kidney Injury. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 735-745.	0.4	27
67	Tranexamic acid in coronary artery surgery: One-year results of the Aspirin and Tranexamic Acid for Coronary Artery Surgery (ATACAS) trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 644-652.e9.	0.4	26
68	Predictors of perioperative morbidity and mortality in lung volume reduction surgery. <i>Annals of Thoracic Surgery</i> , 2000, 69, 1711-1716.	0.7	25
69	Measuring Vocal Function in Professional Music Theater Singers: Construct Validation of the Evaluation of the Ability to Sing Easily (EASE). <i>Folia Phoniatrica Et Logopaedica</i> , 2014, 66, 100-108.	0.5	25
70	Interprofessional non-technical skills for surgeons in disaster response: A qualitative study of the Australian perspective. <i>Journal of Interprofessional Care</i> , 2013, 27, 177-183.	0.8	24
71	Angiosarcoma of the colon. <i>Diseases of the Colon and Rectum</i> , 1990, 33, 330-333.	0.7	23
72	A Cellular Neural Network Methodology for Deformable Object Simulation. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2006, 10, 749-762.	3.6	23

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73	MANAGING DEEP STERNAL WOUND INFECTIONS WITH VACUUM-ASSISTED CLOSURE. ANZ Journal of Surgery, 2008, 78, 333-336.	0.3	23
74	Does Preoperative Atrial Fibrillation Portend a Poorer Prognosis in Patients Undergoing Isolated Aortic Valve Replacement? A Multicentre Australian Study. Canadian Journal of Cardiology, 2013, 29, 697-703.	0.8	23
75	Impact of patient blood management guidelines on blood transfusions and patient outcomes during cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 437-445.e20.	0.4	22
76	Short- and midterm outcomes of coronary artery bypass surgery performed by surgeons in training. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 1088-1092.	0.4	21
77	Early and late outcomes after isolated aortic valve replacement in octogenarians: an Australasian Society of Cardiac and Thoracic Surgeons Cardiac Surgery Database Study. European Journal of Cardio-thoracic Surgery, 2011, 41, 63-8.	0.6	21
78	Utility of SUVmax on 18 F-FDG PET in detecting cervical nodal metastases. Cancer Imaging, 2016, 16, 39.	1.2	21
79	An Australian risk prediction model for determining early mortality following aortic valve replacement. European Journal of Cardio-thoracic Surgery, 2011, 39, 815-821.	0.6	20
80	Alkaptonuria-Associated Aortic Stenosis. Journal of Cardiac Surgery, 2013, 28, 417-420.	0.3	20
81	A new ChainMail approach for real-time soft tissue simulation. Bioengineered, 2016, 7, 246-252.	1.4	20
82	Does the Use of a Pulmonary Artery Catheter Make a Difference During or After Cardiac Surgery?. Heart Lung and Circulation, 2018, 27, 952-960.	0.2	20
83	Soft tissue deformation with reaction-diffusion process for surgery simulation. Journal of Visual Languages and Computing, 2012, 23, 1-12.	1.8	19
84	The clinical academic workforce in Australia and New Zealand: report on the second binational summit to implement a sustainable training pathway. Internal Medicine Journal, 2017, 47, 394-399.	0.5	19
85	Enhanced Preoperative Deep Inferior Epigastric Artery Perforator Flap Planning with a 3D-Printed Perforasome Template: Technique and Case Report. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1644.	0.3	19
86	CAN ANATOMY TEACHING MAKE A COME BACK?. ANZ Journal of Surgery, 2005, 75, 93-93.	0.3	18
87	An autowave based methodology for deformable object simulation. CAD Computer Aided Design, 2006, 38, 740-754.	1.4	18
88	Global perspectives on cardiothoracic, cardiovascular, and cardiac surgical training. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 168-174.e5.	0.4	18
89	Dexamethasone for Cardiac Surgery trial (DECS-II): Rationale and a novel, practice preference-randomized consent design. American Heart Journal, 2018, 204, 52-57.	1.2	17
90	Non-operative management of tube thoracostomy induced pulmonary artery injury. Interactive Cardiovascular and Thoracic Surgery, 2009, 9, 759-760.	0.5	16

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91	Credentialing of surgeons: a systematic review across a number of jurisdictions. ANZ Journal of Surgery, 2012, 82, 492-498.	0.3	16
92	Correlation of selection scores with subsequent assessment scores during surgical training. ANZ Journal of Surgery, 2013, 83, 412-416.	0.3	16
93	Soft tissue modelling through autowaves for surgery simulation. Medical and Biological Engineering and Computing, 2006, 44, 805-821.	1.6	15
94	Does Patient Gender Affect Outcomes after Concomitant Coronary Artery Bypass Graft and Aortic Valve Replacement? An Australian Society of Cardiac and Thoracic Surgeons Database Study. Cardiology, 2011, 119, 116-123.	0.6	15
95	Acute Risk Change for Cardiothoracic Admissions to Intensive Care (ARCTIC index): A new measure of quality in cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 3076-3081.e1.	0.4	15
96	Impact of Socioeconomic Status and Rurality on Early Outcomes and Mid-term Survival after CABG: Insights from a Multicentre Registry. Heart Lung and Circulation, 2014, 23, 726-736.	0.2	15
97	Preoperative atrial fibrillation is an independent predictor of worse early and late outcomes after isolated coronary artery bypass graft surgery. Journal of Cardiology, 2015, 65, 224-229.	0.8	15
98	Cardiothoracic surgery training in Australia and New Zealand. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 718-725.	0.4	15
99	Nanorobots for Laparoscopic Cancer Surgery. , 2007, , .		14
100	Excellent short- and long-term outcomes after concomitant aortic valve replacement and coronary artery bypass grafting performed by surgeons in training. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 334-340.	0.4	14
101	Interprofessional non-technical skills for surgeons in disaster response: a literature review. Journal of Interprofessional Care, 2013, 27, 380-386.	0.8	14
102	Novel Application of the Pfirrmann Disc Degeneration Grading System to 9.4T MRI. Spine, 2019, 44, E766-E773.	1.0	14
103	Aspirin in coronary artery surgery: 1-year results of the Aspirin and Tranexamic Acid for Coronary Artery Surgery trial. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 633-640.	0.4	14
104	Neural dynamics-based Poisson propagation for deformable modelling. Neural Computing and Applications, 2019, 31, 1091-1101.	3.2	14
105	The accuracy of clinical 3D printing in reconstructive surgery: literature review and in vivo validation study. Gland Surgery, 2021, 10, 2293-2303.	0.5	14
106	Perioperative Neutrophil-Lymphocyte Ratio Predicts Mortality After Cardiac Surgery: Systematic Review and Meta-Analysis. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 1296-1303.	0.6	14
107	The Outcome of Cardiac Surgery in Dialysis-Dependent Patients. Heart Lung and Circulation, 2005, 14, 187-190.	0.2	13
108	Predictors of Surgery After Percutaneous Mitral Valvuloplasty. Annals of Thoracic Surgery, 2006, 82, 828-833.	0.7	13

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109	An electromechanical based deformable model for soft tissue simulation. Artificial Intelligence in Medicine, 2009, 47, 275-288.	3.8	13
110	Soft tissue modelling with conical springs. Bio-Medical Materials and Engineering, 2015, 26, S207-S214.	0.4	13
111	Mitral valve replacement via a right mini-thoracotomy in the dog: use of carbon dioxide to reduce intracardiac air. European Journal of Cardio-thoracic Surgery, 1997, 11, 1067-1073.	0.6	12
112	Extra-Aortic Implantable Counterpulsation Pump in Chronic Heart Failure. Annals of Thoracic Surgery, 2008, 85, 2122-2125.	0.7	12
113	A propensity-score matched analysis on the impact of postoperative atrial fibrillation on the early and late outcomes after concomitant aortic valve replacement and coronary artery bypass graft surgery. Journal of Cardiovascular Medicine, 2014, 15, 199-206.	0.6	12
114	Introduction of universal prestorage leukodepletion of blood components, and outcomes in transfused cardiac surgery patients. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 216-222.	0.4	12
115	Training surgeon status is not associated with an increased risk of early or late mortality after isolated aortic valve replacement surgery. Cardiology Journal, 2014, 21, 183-190.	0.5	12
116	Right atrial perforation by a temporary epicardial pacing wire. Annals of Thoracic Surgery, 1990, 50, 141-142.	0.7	11
117	The impact of cardiac surgery on cognition. Stress and Health, 2008, 24, 249-266.	1.4	11
118	Off- vs. On-Pump Coronary Artery Bypass Grafting Long-Term Survival is Driven by Incompleteness of Revascularisation. Heart Lung and Circulation, 2020, 29, 149-155.	0.2	11
119	Machine Learning Outperforms Existing Clinical Scoring Tools in the Prediction of Postoperative Atrial Fibrillation During Intensive Care Unit Admission After Cardiac Surgery. Heart Lung and Circulation, 2021, 30, 1929-1937.	0.2	11
120	Lung Volume Reduction Surgery in Australia and New Zealand. Chest, 2003, 124, 1443-1450.	0.4	10
121	Effects on Cognition of Conventional and Robotically Assisted Cardiac Valve Operation. Annals of Thoracic Surgery, 2014, 97, 48-55.	0.7	10
122	Cellular neural network modelling of soft tissue dynamics for surgical simulation. Technology and Health Care, 2017, 25, 337-344.	0.5	10
123	Intraoperative renal hypoxia and risk of cardiac surgery-associated acute kidney injury. Journal of Cardiac Surgery, 2021, 36, 3577-3585.	0.3	10
124	Simulation of deformable models with the Poisson equation. Computer Methods in Biomechanics and Biomedical Engineering, 2006, 9, 289-304.	0.9	9
125	ANALYSIS OF EARLY AND LATE OUTCOMES AFTER CONCOMITANT AORTIC VALVE REPLACEMENT AND CORONARY ARTERY BYPASS GRAFT SURGERY IN OCTOGENARIANS: A MULTI-INSTITUTIONAL AUSTRALIAN STUDY. Journal of the American Geriatrics Society, 2011, 59, 1759-1761.	1.3	9
126	A vision-based measurement algorithm for micro/nano manipulation. , 2013, , .		9

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127	ChainMail based neural dynamics modeling of soft tissue deformation for surgical simulation. <i>Technology and Health Care</i> , 2017, 25, 231-239.	0.5	9
128	Intraoperative and early postoperative prediction of cardiac surgery-associated acute kidney injury: Urinary oxygen tension compared with plasma and urinary biomarkers. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2022, 49, 228-241.	0.9	9
129	Technique and Results of Cardiac Transplantation Using "Domino-Donor" Hearts. <i>Journal of Cardiac Surgery</i> , 1991, 6, 381-386.	0.3	8
130	Minimally Invasive Right Heart Operations: Techniques for Bicaval Occlusion and Cardioplegia. <i>Annals of Thoracic Surgery</i> , 1997, 64, 1843-1845.	0.7	8
131	Developing performance indicators for cardiac surgery: A demonstration project in Victoria. <i>Heart Lung and Circulation</i> , 2001, 10, S29-S33.	0.2	8
132	Impact of Smoking Status on Outcomes after Concomitant Aortic Valve Replacement and Coronary Artery Bypass Graft Surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2014, 62, 052-059.	0.4	8
133	Thirty-day outcomes in Indigenous Australians following coronary artery bypass grafting. <i>Internal Medicine Journal</i> , 2018, 48, 780-785.	0.5	8
134	Energy propagation modeling of nonlinear soft tissue deformation for surgical simulation. <i>Simulation</i> , 2018, 94, 3-10.	1.1	8
135	The Real-World Cost-Effectiveness of Coronary Artery Bypass Surgery Versus Stenting in High-Risk Patients: Propensity Score-Matched Analysis of a Single-Centre Experience. <i>Applied Health Economics and Health Policy</i> , 2018, 16, 661-674.	1.0	8
136	Surgical aortic valve replacement in Australia, 2002–2015: temporal changes in clinical practice, patient profiles and outcomes. <i>ANZ Journal of Surgery</i> , 2019, 89, 1061-1067.	0.3	8
137	A SIMPLIFIED METHOD OF HARVESTING AND DILATING THE RADIAL ARTERY ACHIEVES ACCEPTABLE CLINICAL OUTCOMES. <i>ANZ Journal of Surgery</i> , 2000, 70, 366-370.	0.3	7
138	Validity of a screening tool for detecting subtle cognitive impairment in the middle-aged and elderly. <i>Clinical Interventions in Aging</i> , 2014, 9, 2165.	1.3	7
139	Impact of renal function in patients with multi-vessel coronary disease on long-term mortality following coronary artery bypass grafting compared with percutaneous coronary intervention. <i>International Journal of Cardiology</i> , 2014, 172, 442-449.	0.8	7
140	Aspirin before Coronary Artery Surgery. <i>New England Journal of Medicine</i> , 2016, 375, 90-92.	13.9	7
141	A NEW PARAMETER ESTIMATION METHOD FOR ONLINE SOFT TISSUE CHARACTERIZATION. <i>Journal of Mechanics in Medicine and Biology</i> , 2016, 16, 1640019.	0.3	7
142	Prediction of tissue thermal damage. <i>Technology and Health Care</i> , 2016, 24, S625-S629.	0.5	7
143	Local deformation for soft tissue simulation. <i>Bioengineered</i> , 2016, 7, 291-297.	1.4	7
144	Non-Fourier based thermal-mechanical tissue damage prediction for thermal ablation. <i>Bioengineered</i> , 2017, 8, 71-77.	1.4	7

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145	Six-Month Outcomes After High-Risk Coronary Artery Bypass Graft Surgery and Preoperative Intra-aortic Balloon Counterpulsation Use: An Inception Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 2067-2073.	0.6	7
146	Predictors of Pacemaker Insertion Post-Sutureless (Perceval) Aortic Valve Implantation. <i>Heart Lung and Circulation</i> , 2021, 30, 917-921.	0.2	7
147	Dynamic responses of renal oxygenation at the onset of cardiopulmonary bypass in sheep and man. <i>Perfusion (United Kingdom)</i> , 2022, 37, 624-632.	0.5	7
148	Retransplantation in heart-lung recipients with obliterative bronchiolitis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995, 109, 818.	0.4	6
149	Evaluation of a miniature antimony electrode for measurement of myocardial pH. <i>Journal of Medical Engineering and Technology</i> , 1999, 23, 119-126.	0.8	6
150	Robust Adaptive Motion Tracking Control of Piezoelectric Actuation Systems for Micro/Nano Manipulation. <i>Proceedings - IEEE International Conference on Robotics and Automation</i> , 2007, , .	0.0	6
151	Rural surgeons'™ attitudes towards and usage of evidence-based medicine in rural surgical practice. <i>Journal of Evaluation in Clinical Practice</i> , 2011, 17, 678-683.	0.9	6
152	Does the addition of a radial artery graft improve survival after higher risk coronary artery bypass grafting? A propensity-score analysis of a multicentre database. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 497-505.	0.6	6
153	The Chronobiology of Stanford Type A Aortic Dissections. <i>Aorta</i> , 2015, 03, 182-186.	0.1	6
154	Transesophageal Echocardiography Guidance of Antegrade Cardioplegia Delivery for Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 1498-1503.	0.6	6
155	The Malay version of SF-36 health survey instrument: testing data quality, scaling assumptions, reliability and validity in post-coronary artery bypass grafting (CABG) surgery patients at the National Heart Institute (Institut Jantung Negara™ IJN), Kuala Lumpur. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 50.	1.0	6
156	3D-printed, patient-specific DIEP flap templates for preoperative planning in breast reconstruction: a prospective case series. <i>Gland Surgery</i> , 2021, 10, 2192-2199.	0.5	6
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