

Thanos Athanasiou

List of Publications by Citations

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

168
papers

3,480
citations

32
h-index

53
g-index

176
ext. papers

4,193
ext. citations

3.4
avg, IF

5.31
L-index

#	Paper	IF	Citations
168	Proving the effectiveness of virtual reality simulation for training in laparoscopic surgery. <i>Annals of Surgery</i> , 2007 , 246, 771-9	7.8	324
167	Off-pump myocardial revascularization is associated with less incidence of stroke in elderly patients. <i>Annals of Thoracic Surgery</i> , 2004 , 77, 745-53	2.7	207
166	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
165	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
164	Radial artery versus saphenous vein conduits for coronary artery bypass surgery: forty years of competition--which conduit offers better patency? A systematic review and meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 40, 208-20	3	102
163	Leg wound infection after coronary artery bypass grafting: a meta-analysis comparing minimally invasive versus conventional vein harvesting. <i>Annals of Thoracic Surgery</i> , 2003 , 76, 2141-6	2.7	94
162	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
161	Avoiding radical surgery improves early survival in elderly patients with rectal cancer, demonstrating complete clinical response after neoadjuvant therapy: results of a decision-analytic model. <i>Diseases of the Colon and Rectum</i> , 2015 , 58, 159-71	3.1	81
160	Effects of Interdisciplinary Team Care Interventions on General Medical Wards: A Systematic Review. <i>JAMA Internal Medicine</i> , 2015 , 175, 1288-98	11.5	75
159	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
158	Do off-pump techniques reduce the incidence of postoperative atrial fibrillation in elderly patients undergoing coronary artery bypass grafting?. <i>Annals of Thoracic Surgery</i> , 2004 , 77, 1567-74	2.7	63
157	Beyond clinical engagement: a pragmatic model for quality improvement interventions, aligning clinical and managerial priorities. <i>BMJ Quality and Safety</i> , 2016 , 25, 716-25	5.4	60
156	Are wound healing disturbances and length of hospital stay reduced with minimally invasive vein harvest? A meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2004 , 26, 1015-26	3	60
155	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
154	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
153	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
152	Should the internal thoracic artery be skeletonized?. <i>Annals of Thoracic Surgery</i> , 2004 , 77, 2238-46	2.7	50

151	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, 4330-52	5.3	47
150	What Is the Role of Minimally Invasive Mitral Valve Surgery in High-Risk Patients? A Meta-Analysis of Observational Studies. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 981-9	2.7	46
149	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
148	Adjunct coronary endarterectomy increases myocardial infarction and early mortality after coronary artery bypass grafting: a meta-analysis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 19, 462-73	1.8	44
147	Factors Implicated for Delay of Adjuvant Chemotherapy in Colorectal Cancer: A Meta-analysis of Observational Studies. <i>Annals of Surgical Oncology</i> , 2015 , 22, 3793-802	3.1	42
146	Comparative effectiveness of neoadjuvant therapy for HER2-positive breast cancer: a network meta-analysis. <i>Journal of the National Cancer Institute</i> , 2014 , 106,	9.7	42
145	Social networking strategies that aim to reduce obesity have achieved significant although modest results. <i>Health Affairs</i> , 2014 , 33, 1641-7	7	41
144	Does off-pump coronary artery bypass reduce the incidence of post-operative atrial fibrillation? A question revisited. <i>European Journal of Cardio-thoracic Surgery</i> , 2004 , 26, 701-10	3	41
143	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
142	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
141	Does the use of calcium ionophore during artificial oocyte activation demonstrate an effect on pregnancy rate? A meta-analysis. <i>Fertility and Sterility</i> , 2017 , 108, 468-482.e3	4.8	37
140	Trends in Immediate Postmastectomy Breast Reconstruction in the United Kingdom. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015 , 3, e507	1.2	34
139	Is the female gender an independent predictor of adverse outcome after off-pump coronary artery bypass grafting?. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 1153-60	2.7	34
138	Prognostic significance of peritoneal lavage cytology in staging gastric cancer: systematic review and meta-analysis. <i>Gastric Cancer</i> , 2018 , 21, 10-18	7.6	34
137	Type 1 Diabetes Mellitus and Bariatric Surgery: A Systematic Review and Meta-Analysis. <i>Obesity Surgery</i> , 2016 , 26, 1697-704	3.7	33
136	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
135	A systematic review and meta-analysis of the diagnostic accuracy of pyruvate kinase M2 isoenzymatic assay in diagnosing colorectal cancer. <i>World Journal of Surgical Oncology</i> , 2015 , 13, 48	3.4	28
134	Understanding The Strengths And Weaknesses Of Public Reporting Of Surgeon-Specific Outcome Data. <i>Health Affairs</i> , 2016 , 35, 415-21	7	27

133	Skeletal Muscle Changes After Elective Colorectal Cancer Resection: A Longitudinal Study. <i>Annals of Surgical Oncology</i> , 2016 , 23, 2539-47	3.1	26
132	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
131	Off-pump versus on-pump coronary revascularization: meta-analysis of mid- and long-term outcomes. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 563-72	2.7	25
130	Colorectal endoscopic submucosal dissection: Systematic review of mid-term clinical outcomes. <i>Digestive Endoscopy</i> , 2016 , 28, 405-416	3.7	25
129	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
128	Sulforaphane pretreatment prevents systemic inflammation and renal injury in response to cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 690-697.e3	1.5	23
127	Developing a novel framework for non-technical skills learning strategies for undergraduates: A systematic review. <i>Annals of Medicine and Surgery</i> , 2018 , 36, 29-40	2	23
126	The impact of expert visual guidance on trainee visual search strategy, visual attention and motor skills. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 526	3.3	21
125	Is robotic parathyroidectomy a feasible and safe alternative to targeted open parathyroidectomy for the treatment of primary hyperparathyroidism?. <i>International Journal of Surgery</i> , 2015 , 15, 55-60	7.5	20
124	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
123	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
122	Takotsubo Cardiomyopathy and Sepsis. <i>Angiology</i> , 2017 , 68, 288-303	2.1	19
121	Meta analysis of robot-assisted versus conventional laparoscopic fundoplication in children. <i>Journal of Pediatric Surgery</i> , 2014 , 49, 646-52	2.6	19
120	Does coronary endarterectomy technique affect surgical outcome when combined with coronary artery bypass grafting?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 19, 848-55	1.8	19
119	Simulation-Based Learning Strategies to Teach Undergraduate Students Basic Surgical Skills: A Systematic Review. <i>Journal of Surgical Education</i> , 2018 , 75, 1374-1388	3.4	17
118	Quality of life after intervention on the thoracic aorta. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, 369-89	3	17
117	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
116	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

115	The risk of misdiagnosis in acute thoracic aortic dissection: a review of current guidelines. <i>Heart</i> , 2020 , 106, 885-891	5.1	16
114	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
113	Assessment of Hemodynamic Conditions in the Aorta Following Root Replacement with Composite Valve-Conduit Graft. <i>Annals of Biomedical Engineering</i> , 2016 , 44, 1392-404	4.7	15
112	CT colonography for surveillance of patients with colorectal cancer: Systematic review and meta-analysis of diagnostic efficacy. <i>European Radiology</i> , 2017 , 27, 51-60	8	15
111	Perioperative risk prediction in the era of enhanced recovery: a comparison of POSSUM, ACPGBI, and E-PASS scoring systems in major surgical procedures of the colorectal surgeon. <i>International Journal of Colorectal Disease</i> , 2018 , 33, 1627-1634	3	15
110	Surgical management of superior vena cava syndrome following pacemaker lead infection: a case report and review of the literature. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 107	1.6	15
109	Aortic stiffness is an indicator of cognitive dysfunction before and after aortic valve replacement for aortic stenosis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 19, 595-604	1.8	15
108	Selection for laparoscopic resection confers a survival benefit in colorectal cancer surgery in England. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016 , 30, 3839-47	5.2	15
107	Is hand-sewn anastomosis superior to stapled anastomosis following oesophagectomy?. <i>International Journal of Surgery</i> , 2014 , 12, 7-15	7.5	14
106	Homograft implantation techniques in the aortic position: to preserve or replace the aortic root?. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 1578-85	2.7	14
105	Minimal Access Versus Sternotomy for Complex Mitral Valve Repair: A Meta-Analysis. <i>Annals of Thoracic Surgery</i> , 2020 , 109, 737-744	2.7	14
104	Who requires emergency surgery for colorectal cancer and can national screening programmes reduce this need?. <i>International Journal of Surgery</i> , 2017 , 42, 60-68	7.5	13
103	Mini Bypass and Proinflammatory Leukocyte Activation: A Randomized Controlled Trial. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 1454-63	2.7	13
102	Can activity monitors predict outcomes in patients with heart failure? A systematic review. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2019 , 5, 11-21	4.6	13
101	Cancer cachexia and myopenia - Update on management strategies and the direction of future research for optimizing body composition in cancer - A narrative review. <i>Cancer Treatment Reviews</i> , 2018 , 70, 245-254	14.4	13
100	The relationship between ethnicity, social deprivation and late presentation of colorectal cancer. <i>Cancer Epidemiology</i> , 2017 , 47, 88-93	2.8	12
99	Should we consider off-pump coronary artery bypass grafting in patients undergoing coronary endarterectomy?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 19, 295-301	1.8	12
98	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

97	Assessing the use of magnetic resonance imaging virtopsy as an alternative to autopsy: a systematic review and meta-analysis. <i>Postgraduate Medical Journal</i> , 2017 , 93, 671-678	2	11
96	Does off-pump coronary artery bypass graft surgery have a beneficial effect on long-term mortality and morbidity compared with on-pump coronary artery bypass graft surgery?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 19, 149-59	1.8	11
95	Spontaneous esophageal rupture as the underlying cause of pneumothorax: early recognition is crucial. <i>Journal of Thoracic Disease</i> , 2014 , 6, 1655-8	2.6	11
94	Mentoring perception and academic performance: an Academic Health Science Centre survey. <i>Postgraduate Medical Journal</i> , 2016 , 92, 597-602	2	11
93	A systematic review of the safety and efficacy of distal coronary artery anastomotic devices in MIDCAB and TECAB surgery. <i>Perfusion (United Kingdom)</i> , 2016 , 31, 537-43	1.9	10
92	Translating staff experience into organisational improvement: the HEADS-UP stepped wedge, cluster controlled, non-randomised trial. <i>BMJ Open</i> , 2017 , 7, e014333	3	10
91	Coronary artery bypass with the use of a magnetic distal anastomotic device: surgical technique and preliminary experience. <i>Heart Surgery Forum</i> , 2004 , 7, 356-9	0.7	10
90	Can the Presence of Crystalluria Predict Stone Formation in Patients with Cystinuria?. <i>Journal of Endourology</i> , 2016 , 30, 609-14	2.7	10
89	How can cardiothoracic and vascular medical devices stay in the market?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 23, 940-948	1.8	9
88	Expanded use of suction and stabilization devices in cardiothoracic surgery. <i>Annals of Thoracic Surgery</i> , 2003 , 76, 1126-30	2.7	9
87	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
86	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
85	"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
84	Association of Residents' Neural Signatures With Stress Resilience During Surgery. <i>JAMA Surgery</i> , 2019 , 154, e192552	5.4	8
83	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
82	Do selective serotonin reuptake inhibitors increase the risk of bleeding or mortality following coronary artery bypass graft surgery? A meta-analysis of observational studies. <i>Perfusion (United Kingdom)</i> , 2018 , 33, 415-422	1.9	7
81	A systematic review of the safety and efficacy of distal coronary artery anastomotic devices. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, 732-45	3	7
80	Surgical management of infected cardiac implantable electronic devices. <i>International Journal of Cardiology</i> , 2016 , 203, 714-21	3.2	7

79	Translating concerns into action: a detailed qualitative evaluation of an interdisciplinary intervention on medical wards. <i>BMJ Open</i> , 2017 , 7, e014401	3	7
78	A proposed role for sepsis in the pathogenesis of myocardial calcification. <i>Acta Cardiologica</i> , 2017 , 72, 249-255	0.9	7
77	In-vivo assessment of the morphology and hemodynamic functions of the BioValsalva composite valve-conduit graft using cardiac magnetic resonance imaging and computational modelling technology. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 193	1.6	7
76	Robotic cardiac surgery: advanced minimally invasive technology hindered by barriers to adoption. <i>Future Cardiology</i> , 2011 , 7, 511-22	1.3	7
75	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
74	Informing the process of consent for surgery: identification of key constructs and quality factors. <i>Journal of Surgical Research</i> , 2017 , 209, 86-92	2.5	6
73	Off-pump or on-pump beating heart: which technique offers better outcomes following coronary revascularization?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015 , 20, 546-9	1.8	6
72	Are arterial grafts superior to vein grafts for revascularisation of the right coronary system? A systematic review. <i>Heart</i> , 2013 , 99, 835-42	5.1	6
71	Analysis of Turbulence Effects in a Patient-Specific Aorta with Aortic Valve Stenosis. <i>Cardiovascular Engineering and Technology</i> , 2021 , 12, 438-453	2.2	6
70	The role of minimal access valve surgery in the elderly. A meta-analysis of observational studies. <i>International Journal of Surgery</i> , 2016 , 33 Pt A, 164-71	7.5	6
69	Trans-aortic endoscopic ventricular thrombectomy in a patient with HIT and concomitant Aortic and ventricular thromboses. <i>General Thoracic and Cardiovascular Surgery</i> , 2016 , 64, 621-4	1.6	5
68	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
67	How revascularization on the beating heart with cardiopulmonary bypass compares to off-pump? A meta-analysis of observational studies. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 22, 63-71	1.8	5
66	What is the safety and efficacy of the use of automated fastener in heart valve surgery?. <i>Journal of Cardiac Surgery</i> , 2019 , 34, 1598-1607	1.3	5
65	A systematic review of left ventricular cardio-endoscopic surgery. <i>Journal of Cardiothoracic Surgery</i> , 2017 , 12, 41	1.6	5
64	A stepped wedge, cluster controlled trial of an intervention to improve safety and quality on medical wards: the HEADS-UP study protocol. <i>BMJ Open</i> , 2015 , 5, e007510	3	5
63	Should we consider beating-heart on-pump coronary artery bypass grafting over conventional cardioplegic arrest to improve postoperative outcomes in selected patients?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015 , 20, 538-45	1.8	5
62	High Wall Shear Stress can Predict Wall Degradation in Ascending Aortic Aneurysms: An Integrated Biomechanics Study. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 750656	5.8	5

61	Surgical Innovation in the Era of Global Surgery: A Network Analysis. <i>Annals of Surgery</i> , 2020 , 271, 868-874	5	
60	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
59	Minimally invasive mitral valve surgery in high-risk patients: operating outside the boxplot. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 22, 756-61	1.8	4
58	Organ dysfunction in patients with left ventricular impairment: what is the effect of cardiopulmonary bypass?. <i>Heart Lung and Circulation</i> , 2014 , 23, 852-62	1.8	4
57	Right ventricular outflow tract obstruction caused by double-chambered right ventricle presenting in adulthood. <i>Texas Heart Institute Journal</i> , 2014 , 41, 425-8	0.8	4
56	Aortic Stiffness Is Related to the Ischemic Brain Injury Biomarker N-Methyl-D-aspartate Receptor Antibody Levels in Aortic Valve Replacement. <i>Neurology Research International</i> , 2014 , 2014, 970793	1.7	4
55	Axillary artery to left anterior descending coronary artery bypass with an externally stented graft: a technical report. <i>Journal of Cardiothoracic Surgery</i> , 2008 , 3, 6	1.6	4
54	Clampless arterial coronary artery bypass grafting with the use of magnetic coupling devices. <i>Journal of Cardiac Surgery</i> , 2006 , 21, 69-74; discussion 75-6	1.3	4
53	Beyond IDEAL: the importance of surgical innovation metrics. <i>Lancet, The</i> , 2019 , 393, 315	40	3
52	A meta-analysis of the performance of small tissue versus mechanical aortic valve prostheses. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 56, 510-517	3	3
51	What matters to medical ward patients, and do we measure it? A qualitative comparison of patient priorities and current practice in quality measurement, on UK NHS medical wards. <i>BMJ Open</i> , 2019 , 9, e024058	3	3
50	Toll-like receptor 9 and the inflammatory response to surgical trauma and cardiopulmonary bypass. <i>Journal of Cardiothoracic Surgery</i> , 2020 , 15, 137	1.6	3
49	Phase-contrast magnetic resonance imaging and computational fluid dynamics assessment of thoracic aorta blood flow: a literature review. <i>European Journal of Cardio-thoracic Surgery</i> , 2020 , 57, 438-446	3	3
48	Tumour Thrombi in the Suprahepatic Inferior Vena Cava: The Cardiothoracic Surgeons' View. <i>ISRN Vascular Medicine</i> , 2013 , 2013, 1-7		3
47	Diagnosis and management of acute Type-A aortic dissection in emergency departments: Results of a UK national survey. <i>International Journal of Cardiology</i> , 2020 , 300, 50-59	3.2	3
46	Leadership behaviours and healthcare research performance: prospective correlational study. <i>Postgraduate Medical Journal</i> , 2016 , 92, 663-669	2	3
45	The potential impact of local excision for T1 colonic cancer in elderly and comorbid populations: a decision analysis. <i>Gastrointestinal Endoscopy</i> , 2016 , 84, 986-994	5.2	3
44	Validation of markerless strain-field optical tracking approach for soft tissue mechanical assessment. <i>Journal of Biomechanics</i> , 2021 , 116, 110196	2.9	3

43	Selective serotonin reuptake inhibitor use and outcomes following cardiac surgery-a systematic review. <i>Journal of Thoracic Disease</i> , 2018 , 10, 1112-1120	2.6	3
42	Crisis management for surgical teams and their leaders, lessons from the COVID-19 pandemic; A structured approach to developing resilience or natural organisational responses. <i>International Journal of Surgery</i> , 2021 , 91, 105987	7.5	3
41	Suture needle handling in the operating theatre; what is the safest method? A survey of surgical nursing opinion. <i>Injury Prevention</i> , 2016 , 22, 135-9	3.2	2
40	Vivien Theodore Thomas (1910-1985): An African-American laboratory technician who went on to become an innovator in cardiac surgery. <i>Journal of Medical Biography</i> , 2017 , 25, 106-113	0.4	2
39	The value of adding sub-valvular procedures for chronic ischemic mitral regurgitation surgery: a meta-analysis. <i>Perfusion (United Kingdom)</i> , 2017 , 32, 436-445	1.9	2
38	Quality of life after mitral valve intervention. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017 , 24, 265-272	1.8	2
37	Developments in surgical revascularization to achieve improved morbidity and mortality. <i>Expert Review of Cardiovascular Therapy</i> , 2016 , 14, 367-79	2.5	2
36	Surgical repair of distal arch pseudoaneurysm from ruptured penetrating aortic ulcer with the frozen elephant trunk technique. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 68	1.6	2
35	Thoracoscopic esophageal repair of a spontaneous Barrett's ulcer perforation. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 331-3	2.7	2
34	ABC of Surgical Teaching: Time to Consider a Global Blueprint for Holistic Education. <i>Journal of Investigative Surgery</i> , 2021 , 34, 1355-1365	1.2	2
33	A pooled analysis of pacemaker implantation after Perceval sutureless aortic valve replacement. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021 , 33, 501-509	1.8	2
32	Geometry and flow in ascending aortic aneurysms are influenced by left ventricular outflow tract orientation: Detecting increased wall shear stress on the outer curve of proximal aortic aneurysms. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	2
31	Frozen elephant trunk reconstruction for right-sided aortic arch with aberrant left subclavian artery and aneurysm of the descending aorta: a case report. <i>Journal of Cardiothoracic Surgery</i> , 2016 , 11, 77	1.6	2
30	Bailouts to LIMA Damage for Avoiding Conversion in Minimal Access Coronary Procedures. <i>Annals of Thoracic Surgery</i> , 2016 , 102, e173-6	2.7	2
29	The Use of Frailty Scoring to Predict Early Physical Activity Levels After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2021 , 111, 36-43	2.7	2
28	Controlled Exponentially Weighted Moving Average Chart in Cardiac Surgery: A Simulation Study Across 9 Italian Cardiac Centers. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016 , 28, 253-258	1.7	1
27	Biomarkers as predictors of recurrence of atrial fibrillation post ablation: an updated and expanded systematic review and meta-analysis.. <i>Clinical Research in Cardiology</i> , 2022 , 1	6.1	1
26	Apical suction device facilitating off-pump bypass for recurrent coarctation: case report. <i>Heart Surgery Forum</i> , 2004 , 7, E177-8	0.7	1

25	What are the benefits of a minimally invasive approach in frail octogenarian patients undergoing aortic valve replacement?. <i>Journal of Geriatric Cardiology</i> , 2016 , 13, 514-6	1.7	1
24	A meta-analysis evaluating the role of high-intensity focused ultrasound (HIFU) as a fourth treatment modality for patients with locally advanced pancreatic cancer. <i>Abdominal Radiology</i> , 2021 , 1	3	1
23	The emerging role of microdialysis in diabetic patients undergoing amputation for limb ischemia. <i>Wound Repair and Regeneration</i> , 2016 , 24, 1073-1080	3.6	1
22	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
21	Does the clinical effectiveness of Mitraclip compare with surgical repair for mitral regurgitation?. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 1103-1119	1.3	1
20	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
19	Proximal versus extensive repair in acute type A aortic dissection: an updated systematic review and meta-analysis.. <i>General Thoracic and Cardiovascular Surgery</i> , 2022 , 70, 315	1.6	1
18	Colorectal tumour characteristics and oncological outcome in patients with inflammatory bowel disease. <i>Surgical Practice</i> , 2020 , 24, 60-68	0.4	0
17	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 408-9	2.7	0
16	Aortic root replacement to treat type A aortic dissection: A comparison of midterm outcomes between composite valve grafts and porcine aortic roots. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 1840-1847 ¹⁻³	1.3	0
15	Mitral and tricuspid annuloplasty ring dehiscence: a systematic review with pooled analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 801-810	3	0
14	A meta-analysis evaluating contrast-enhanced intraoperative ultrasound (CE-IOUS) in the context of surgery for colorectal liver metastases. <i>Abdominal Radiology</i> , 2021 , 46, 4178-4188	3	0
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