

Thanos Athanasiou

List of Publications by Year in descending order

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Version: 2024-02-01

174
papers

4,820
citations

109321

35
h-index

123424

61
g-index

176
all docs

176
docs citations

176
times ranked

7082
citing authors

#	ARTICLE	IF	CITATIONS
1	Proving the Effectiveness of Virtual Reality Simulation for Training in Laparoscopic Surgery. <i>Annals of Surgery</i> , 2007, 246, 771-779.	4.2	388
2	Smartphones let surgeons know WhatsApp: an analysis of communication in emergency surgical teams. <i>American Journal of Surgery</i> , 2015, 209, 45-51.	1.8	231
3	Off-pump myocardial revascularization is associated with less incidence of stroke in elderly patients. <i>Annals of Thoracic Surgery</i> , 2004, 77, 745-753.	1.3	214
4	Bariatric Surgery and Non-Alcoholic Fatty Liver Disease: a Systematic Review of Liver Biochemistry and Histology. <i>Obesity Surgery</i> , 2015, 25, 2280-2289.	2.1	205
5	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, 208-220.	1.4	122
6	The Effects of Bariatric Surgery on Cardiac Structure and Function: a Systematic Review of Cardiac Imaging Outcomes. <i>Obesity Surgery</i> , 2016, 26, 1030-1040.	2.1	118
7	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, 2141-2146.	1.3	106
8	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.	4.8	103
9	Avoiding Radical Surgery Improves Early Survival in Elderly Patients With Rectal Cancer, Demonstrating Complete Clinical Response After Neoadjuvant Therapy. <i>Diseases of the Colon and Rectum</i> , 2015, 58, 159-171.	1.3	98
10	Effects of Interdisciplinary Team Care Interventions on General Medical Wards. <i>JAMA Internal Medicine</i> , 2015, 175, 1288.	5.1	97
11	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.	2.5	93
12	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, 200-211.	2.8	76
13	Beyond clinical engagement: a pragmatic model for quality improvement interventions, aligning clinical and managerial priorities. <i>BMJ Quality and Safety</i> , 2016, 25, 716-725.	3.7	76
14	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.	2.1	74
15	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, 1567-1574.	1.3	73
16	Prognostic significance of peritoneal lavage cytology in staging gastric cancer: systematic review and meta-analysis. <i>Gastric Cancer</i> , 2018, 21, 10-18.	5.3	73
17	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, 1015-1026.	1.4	70
18	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, 4330-4352.	2.4	68

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19	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.	2.1	62
20	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, 981-989.	1.3	61
21	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.	1.4	61
22	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, 462-473.	1.1	58
23	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, 701-710.	1.4	56
24	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, 712-719.	2.7	54
25	Factors Implicated for Delay of Adjuvant Chemotherapy in Colorectal Cancer: A Meta-analysis of Observational Studies. <i>Annals of Surgical Oncology</i> , 2015, 22, 3793-3802.	1.5	54
26	Should the internal thoracic artery be skeletonized?. <i>Annals of Thoracic Surgery</i> , 2004, 77, 2238-2246.	1.3	53
27	Social Networking Strategies That Aim To Reduce Obesity Have Achieved Significant Although Modest Results. <i>Health Affairs</i> , 2014, 33, 1641-1647.	5.2	53
28	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.	1.0	51
29	Trends in Immediate Postmastectomy Breast Reconstruction in the United Kingdom. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015, 3, e507.	0.6	50
30	Comparative Effectiveness of Neoadjuvant Therapy for HER2-Positive Breast Cancer: A Network Meta-Analysis. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.3	49
31	Type 1 Diabetes Mellitus and Bariatric Surgery: A Systematic Review and Meta-Analysis. <i>Obesity Surgery</i> , 2016, 26, 1697-1704.	2.1	46
32	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.	2.5	44
33	Surgery, Complications, and Quality of Life. <i>Annals of Surgery</i> , 2019, 270, 95-101.	4.2	44
34	Temporal Stress in the Operating Room. <i>Annals of Surgery</i> , 2018, 267, 683-691.	4.2	39
35	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.	1.9	38
36	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, 1153-1160.	1.3	37

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37	Understanding The Strengths And Weaknesses Of Public Reporting Of Surgeon-Specific Outcome Data. Health Affairs, 2016, 35, 415-421.	5.2	37
38	Simulation-Based Learning Strategies to Teach Undergraduate Students Basic Surgical Skills: A Systematic Review. Journal of Surgical Education, 2018, 75, 1374-1388.	2.5	35
39	The risk of misdiagnosis in acute thoracic aortic dissection: a review of current guidelines. Heart, 2020, 106, 885-891.	2.9	35
40	Skeletal Muscle Changes After Elective Colorectal Cancer Resection: A Longitudinal Study. Annals of Surgical Oncology, 2016, 23, 2539-2547.	1.5	34
41	Developing a novel framework for non-technical skills learning strategies for undergraduates: A systematic review. Annals of Medicine and Surgery, 2018, 36, 29-40.	1.1	34
42	Colorectal endoscopic submucosal dissection: Systematic review of mid-term clinical outcomes. Digestive Endoscopy, 2016, 28, 405-416.	2.3	33
43	Meta analysis of robot-assisted versus conventional laparoscopic fundoplication in children. Journal of Pediatric Surgery, 2014, 49, 646-652.	1.6	32
44	Network analysis of surgical innovation: Measuring value and the virality of diffusion in robotic surgery. PLoS ONE, 2017, 12, e0183332.	2.5	30
45	The impact of expert visual guidance on trainee visual search strategy, visual attention and motor skills. Frontiers in Human Neuroscience, 2015, 9, 526.	2.0	29
46	National Survey of UK Consultant Surgeons'™ Opinions on Surgeon-Specific Mortality Data in Cardiothoracic Surgery. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, 414-423.	2.2	29
47	Quality of life after intervention on the thoracic aorta. European Journal of Cardio-thoracic Surgery, 2016, 49, 369-389.	1.4	29
48	Minimal Access Versus Sternotomy for Complex Mitral Valve Repair: A Meta-Analysis. Annals of Thoracic Surgery, 2020, 109, 737-744.	1.3	29
49	Analysis of Turbulence Effects in a Patient-Specific Aorta with Aortic Valve Stenosis. Cardiovascular Engineering and Technology, 2021, 12, 438-453.	1.6	29
50	Off-Pump Versus On-Pump Coronary Revascularization: Meta-Analysis of Mid- and Long-Term Outcomes. Annals of Thoracic Surgery, 2014, 98, 563-572.	1.3	28
51	High Wall Shear Stress can Predict Wall Degradation in Ascending Aortic Aneurysms: An Integrated Biomechanics Study. Frontiers in Bioengineering and Biotechnology, 2021, 9, 750656.	4.1	28
52	Mentoring perception, scientific collaboration and research performance: is there a "gender gap"™ in academic medicine? An Academic Health Science Centre perspective. Postgraduate Medical Journal, 2016, 92, 581-586.	1.8	27
53	Does coronary endarterectomy technique affect surgical outcome when combined with coronary artery bypass grafting?: Table 1:. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, 848-855.	1.1	26
54	Is robotic parathyroidectomy a feasible and safe alternative to targeted open parathyroidectomy for the treatment of primary hyperparathyroidism?. International Journal of Surgery, 2015, 15, 55-60.	2.7	26

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55	Takotsubo Cardiomyopathy and Sepsis. <i>Angiology</i> , 2017, 68, 288-303.	1.8	26
56	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.	2.7	26
57	Roux-en-Y gastric bypass-induced bacterial perturbation contributes to altered host-bacterial co-metabolic phenotype. <i>Microbiome</i> , 2021, 9, 139.	11.1	26
58	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.	0.8	25
59	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, 580-588.	1.7	25
60	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.	7.7	23
61	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.	3.1	23
62	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.	2.2	23
63	The relationship between ethnicity, social deprivation and late presentation of colorectal cancer. <i>Cancer Epidemiology</i> , 2017, 47, 88-93.	1.9	21
64	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.	4.0	21
65	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.	4.5	19
66	Assessing the use of magnetic resonance imaging vortopsy as an alternative to autopsy: a systematic review and meta-analysis. <i>Postgraduate Medical Journal</i> , 2017, 93, 671-678.	1.8	19
67	Association of Residents' Neural Signatures With Stress Resilience During Surgery. <i>JAMA Surgery</i> , 2019, 154, e192552.	4.3	19
68	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.	1.1	18
69	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.	1.1	18
70	Sleep deprivation leads to burnout and cardiothoracic surgeons have to deal with its consequences. <i>International Journal of Cardiology</i> , 2015, 179, 70-72.	1.7	18
71	Mini Bypass and Proinflammatory Leukocyte Activation: A Randomized Controlled Trial. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1454-1463.	1.3	18
72	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.	1.1	18

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73	Assessment of Hemodynamic Conditions in the Aorta Following Root Replacement with Composite Valve-Conduit Graft. <i>Annals of Biomedical Engineering</i> , 2016, 44, 1392-1404.	2.5	17
74	Translating staff experience into organisational improvement: the HEADS-UP stepped wedge, cluster controlled, non-randomised trial. <i>BMJ Open</i> , 2017, 7, e014333.	1.9	17
75	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, 111, 680-691.	3.3	17
76	Is hand-sewn anastomosis superior to stapled anastomosis following oesophagectomy?. <i>International Journal of Surgery</i> , 2014, 12, 7-15.	2.7	16
77	Selection for laparoscopic resection confers a survival benefit in colorectal cancer surgery in England. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 3839-3847.	2.4	16
78	Homograft Implantation Techniques in the Aortic Position: To Preserve or Replace the Aortic Root?. <i>Annals of Thoracic Surgery</i> , 2006, 81, 1578-1585.	1.3	15
79	“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.	1.6	15
80	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.	1.5	15
81	Surgical Innovation in the Era of Global Surgery. <i>Annals of Surgery</i> , 2020, 271, 868-874.	4.2	15
82	Mechanical versus bioprosthetic valve for aortic valve replacement: systematic review and meta-analysis of reconstructed individual participant data. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	1.4	15
83	Should we consider off-pump coronary artery bypass grafting in patients undergoing coronary endarterectomy?: Table 1:. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 19, 295-301.	1.1	14
84	Translating concerns into action: a detailed qualitative evaluation of an interdisciplinary intervention on medical wards. <i>BMJ Open</i> , 2017, 7, e014401.	1.9	13
85	Spontaneous esophageal rupture as the underlying cause of pneumothorax: early recognition is crucial. <i>Journal of Thoracic Disease</i> , 2014, 6, 1655-8.	1.4	13
86	Expanded use of suction and stabilization devices in cardiothoracic surgery. <i>Annals of Thoracic Surgery</i> , 2003, 76, 1126-1130.	1.3	12
87	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?: Table 1:. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 19, 149-159.	1.1	12
88	Can the Presence of Crystalluria Predict Stone Formation in Patients with Cystinuria?. <i>Journal of Endourology</i> , 2016, 30, 609-614.	2.1	12
89	A systematic review of the safety and efficacy of distal coronary artery anastomotic devices. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 732-745.	1.4	12
90	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, 537-543.	1.0	12

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91	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.	1.7	12
92	A pooled analysis of pacemaker implantation after Perceval sutureless aortic valve replacement. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 501-509.	1.1	12
93	Coronary Artery Bypass with the Use of a Magnetic Distal Anastomotic Device: Surgical Technique and Preliminary Experience. <i>Heart Surgery Forum</i> , 2004, 7, 356-359.	0.5	12
94	Robotic cardiac surgery: advanced minimally invasive technology hindered by barriers to adoption. <i>Future Cardiology</i> , 2011, 7, 511-522.	1.2	11
95	Mentoring perception and academic performance: an Academic Health Science Centre survey. <i>Postgraduate Medical Journal</i> , 2016, 92, 597-602.	1.8	11
96	How can cardiothoracic and vascular medical devices stay in the market?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 940-948.	1.1	11
97	Informing the process of consent for surgery: identification of key constructs and quality factors. <i>Journal of Surgical Research</i> , 2017, 209, 86-92.	1.6	11
98	A proposed role for sepsis in the pathogenesis of myocardial calcification. <i>Acta Cardiologica</i> , 2017, 72, 249-255.	0.9	11
99	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 Tj ETQq1 1 0.784304 rgBT 10 Overloc</i>		
100	The role of minimal access valve surgery in the elderly. A meta-analysis of observational studies. <i>International Journal of Surgery</i> , 2016, 33, 164-171.	2.7	10
101	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> , 2022, 47, 254-264.	2.1	10
102	Evaluation of Computational Methodologies for Accurate Prediction of Wall Shear Stress and Turbulence Parameters in a Patient-Specific Aorta. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 836611.	4.1	10
103	In-vivo assessment of the morphology and hemodynamic functions of the BioValsalvaâ„¢ composite valve-conduit graft using cardiac magnetic resonance imaging and computational modelling technology. <i>Journal of Cardiothoracic Surgery</i> , 2014, 9, 193.	1.1	9
104	Off-pump or on-pump beating heart: which technique offers better outcomes following coronary revascularization?: Table 1:. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 546-549.	1.1	9
105	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.	1.8	9
106	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.	2.0	9
107	The Use of Frailty Scoring to Predict Early Physical Activity Levels After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2021, 111, 36-43.	1.3	9
108	Mitral and tricuspid annuloplasty ring dehiscence: a systematic review with pooled analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 801-810.	1.4	9

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109	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.	1.1	8
110	Bariatric Surgery Modulates Urinary Levels of MicroRNAs Involved in the Regulation of Renal Function. <i>Frontiers in Endocrinology</i> , 2019, 10, 319.	3.5	8
111	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.	1.9	8
112	Right Ventricular Outflow Tract Obstruction Caused by Double-Chambered Right Ventricle Presenting in Adulthood. <i>Texas Heart Institute Journal</i> , 2014, 41, 425-428.	0.3	7
113	Quality of life after mitral valve intervention. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, ivw312.	1.1	7
114	Surgical management of infected cardiac implantable electronic devices. <i>International Journal of Cardiology</i> , 2016, 203, 714-721.	1.7	7
115	Minimally invasive mitral valve surgery in high-risk patients: operating outside the boxplot. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 756-761.	1.1	7
116	A systematic review of left ventricular cardio-endoscopic surgery. <i>Journal of Cardiothoracic Surgery</i> , 2017, 12, 41.	1.1	7
117	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.	0.7	7
118	Clampless Arterial Coronary Artery Bypass Grafting with the Use of Magnetic Coupling Devices. <i>Journal of Cardiac Surgery</i> , 2006, 21, 69-74.	0.7	6
119	Are arterial grafts superior to vein grafts for revascularisation of the right coronary system? A systematic review. <i>Heart</i> , 2013, 99, 835-842.	2.9	6
120	Should we consider beating-heart on-pump coronary artery bypass grafting over conventional cardioplegic arrest to improve postoperative outcomes in selected patients?: Table 1:. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 538-545.	1.1	6
121	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, 621-624.	0.9	6
122	Selective serotonin reuptake inhibitor use and outcomes following cardiac surgery—a systematic review. <i>Journal of Thoracic Disease</i> , 2018, 10, 1112-1120.	1.4	6
123	Toll-like receptor 9 and the inflammatory response to surgical trauma and cardiopulmonary bypass. <i>Journal of Cardiothoracic Surgery</i> , 2020, 15, 137.	1.1	6
124	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> , 2023, 166, 11-21.e1.	0.8	6
125	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.	1.1	5
126	Organ Dysfunction in Patients with Left Ventricular Impairment: What is the Effect of Cardiopulmonary Bypass?. <i>Heart Lung and Circulation</i> , 2014, 23, 852-862.	0.4	5

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127	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-e007510.	1.9	5
128	Leadership behaviours and healthcare research performance: prospective correlational study. <i>Postgraduate Medical Journal</i> , 2016, 92, 663-669.	1.8	5
129	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.	1.0	5
130	Vivien Theodore Thomas (1910â€“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.	0.1	5
131	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.	1.1	5
132	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.	1.0	5
133	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.	1.4	5
134	Patient-reported quality of life after stand-alone and concomitant arrhythmia surgery: a systematic review and meta-analysis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 339-348.	1.1	5
135	In-depth bioinformatic study of the cadherin 5 interactome in patients with thoracic aortic aneurysm unveils 8 novel biomarkers. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, , .	1.4	5
136	Tumour Thrombi in the Suprahepatic Inferior Vena Cava: The Cardiothoracic Surgeonsâ€™ View. <i>ISRN Vascular Medicine</i> , 2013, 2013, 1-7.	0.7	4
137	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, 1-7.	1.3	4
138	Beyond IDEAL: the importance of surgical innovation metrics. <i>Lancet, The</i> , 2019, 393, 315.	13.7	4
139	ABC of Surgical Teaching: Time to Consider a Global Blueprint for Holistic Education. <i>Journal of Investigative Surgery</i> , 2021, 34, 1355-1365.	1.3	4
140	Does the clinical effectiveness of Mitraclip compare with surgical repair for mitral regurgitation?. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1103-1119.	0.7	4
141	Validation of markerless strain-field optical tracking approach for soft tissue mechanical assessment. <i>Journal of Biomechanics</i> , 2021, 116, 110196.	2.1	4
142	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.	2.7	4
143	Recommendations for the use of coronary and valve simulators in cardiac surgical training: a systematic review. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 61, 1-10.	1.4	4
144	Thoracoscopic Esophageal Repair of a Spontaneous Barrett's Ulcer Perforation. <i>Annals of Thoracic Surgery</i> , 2015, 99, 331-333.	1.3	3

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145	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.	1.1	3
146	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.	0.6	3
147	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.	1.4	3
148	A meta-analysis evaluating contrast-enhanced intraoperative ultrasound (CE-IIOUS) in the context of surgery for colorectal liver metastases. <i>Abdominal Radiology</i> , 2021, 46, 4178-4188.	2.1	3
149	Unilateral versus bilateral antegrade cerebral perfusion in acute type A aortic dissection repair: A systematic review and meta-analysis. <i>Perfusion (United Kingdom)</i> , 2023, 38, 931-938.	1.0	3
150	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.	1.1	2
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