

Thanos Athanasiou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3604955/publications.pdf>

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	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
2	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
3	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
4	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
5	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
6	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, 315-328.	0.9	2
7	Tumour grade and stage are associated with specific body composition phenotypes with visceral obesity predisposing the host to a less aggressive tumour in colorectal cancer. <i>European Journal of Surgical Oncology</i> , 2022, 48, 1664-1670.	1.0	2
8	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
9	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
10	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
11	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
12	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
13	Validation of markerless strain-field optical tracking approach for soft tissue mechanical assessment. <i>Journal of Biomechanics</i> , 2021, 116, 110196.	2.1	4
14	What can we learn from outliers in cardiac surgery?. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1832-1834.	0.7	0
15	Stapler closure versus manual closure in total laryngectomy for laryngeal cancer: A systematic review and meta-analysis. <i>Clinical Otolaryngology</i> , 2021, 46, 918-918.	1.2	1
16	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
17	Analysis of Turbulence Effects in a Patient-Specific Aorta with Aortic Valve Stenosis. <i>Cardiovascular Engineering and Technology</i> , 2021, 12, 438-453.	1.6	29
18	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

#	ARTICLE	IF	CITATIONS
19	A pooled analysis of pacemaker implantation after Perceval sutureless aortic valve replacement. Interactive Cardiovascular and Thoracic Surgery, 2021, 33, 501-509.	1.1	12
20	Early safety performance of a modified technique of aorta replacement with sinotubular stabilization. Asian Cardiovascular and Thoracic Annals, 2021, , 021849232110150.	0.5	0
21	Roux-en-Y gastric bypass-induced bacterial perturbation contributes to altered host-bacterial co-metabolic phenotype. Microbiome, 2021, 9, 139.	11.1	26
22	Crisis management for surgical teams and their leaders, lessons from the COVID-19 pandemic; A structured approach to developing resilience or natural organisational responses. International Journal of Surgery, 2021, 91, 105987.	2.7	4
23	In-depth bioinformatic study of the cadherin 5 interactome in patients with thoracic aortic aneurysm unveils 8 novel biomarkers. European Journal of Cardio-thoracic Surgery, 2021, , .	1.4	5
24	Predictors of outcome after CABG in the South-Asian community: a propensity matched analysis. Perfusion (United Kingdom), 2021, , 026765912110375.	1.0	0
25	Recommendations for the use of coronary and valve simulators in cardiac surgical training: a systematic review. European Journal of Cardio-thoracic Surgery, 2021, 61, 1-10.	1.4	4
26	BiCyCLE NMESâ€”neuromuscular electrical stimulation in the perioperative treatment of sarcopenia and myosteatosis in advanced rectal cancer patients: design and methodology of a phase II randomised controlled trial. Trials, 2021, 22, 621.	1.6	2
27	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
28	Converging rapid deployment prostheses with minimal access surgery: analysis of early outcomes. Journal of Cardiothoracic Surgery, 2021, 16, 355.	1.1	2
29	Phase-contrast magnetic resonance imaging and computational fluid dynamics assessment of thoracic aorta blood flow: a literature review. European Journal of Cardio-thoracic Surgery, 2020, 57, 438-446.	1.4	5
30	Minimal Access Versus Sternotomy for Complex Mitral Valve Repair: A Meta-Analysis. Annals of Thoracic Surgery, 2020, 109, 737-744.	1.3	29
31	Diagnosis and management of acute Type-A aortic dissection in emergency departments: Results of a UK national survey. International Journal of Cardiology, 2020, 300, 50-59.	1.7	12
32	Surgical Innovation in the Era of Global Surgery. Annals of Surgery, 2020, 271, 868-874.	4.2	15
33	Aortic root replacement to treat type A aortic dissection: A comparison of midterm outcomes between composite valve grafts and porcine aortic roots. Journal of Cardiac Surgery, 2020, 35, 1840-1847.	0.7	1
34	Toll-like receptor 9 and the inflammatory response to surgical trauma and cardiopulmonary bypass. Journal of Cardiothoracic Surgery, 2020, 15, 137.	1.1	6
35	The risk of misdiagnosis in acute thoracic aortic dissection: a review of current guidelines. Heart, 2020, 106, 885-891.	2.9	35
36	Colorectal tumour characteristics and oncological outcome in patients with inflammatory bowel disease. Surgical Practice, 2020, 24, 60-68.	0.2	2

#	ARTICLE	IF	CITATIONS
37	Association of Residents' Neural Signatures With Stress Resilience During Surgery. JAMA Surgery, 2019, 154, e192552.	4.3	19
38	Hemodynamics and reverse remodeling associated with Mosaic, Perimount and Trifecta aortic bioprostheses.. Expert Review of Medical Devices, 2019, 16, 743-751.	2.8	1
39	What is the safety and efficacy of the use of automated fastener in heart valve surgery?. Journal of Cardiac Surgery, 2019, 34, 1598-1607.	0.7	7
40	Beyond IDEAL: the importance of surgical innovation metrics. Lancet, The, 2019, 393, 315.	13.7	4
41	Collaborative patterns, authorship practices and scientific success in biomedical research: a network analysis. Journal of the Royal Society of Medicine, 2019, 112, 245-257.	2.0	9
42	Bariatric Surgery Modulates Urinary Levels of MicroRNAs Involved in the Regulation of Renal Function. Frontiers in Endocrinology, 2019, 10, 319.	3.5	8
43	A meta-analysis of the performance of small tissue versus mechanical aortic valve prostheses. European Journal of Cardio-thoracic Surgery, 2019, 56, 510-517.	1.4	3
44	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. BMJ Open, 2019, 9, e024058.	1.9	8
45	Evaluating the implications of Brexit for research collaboration and policy: a network analysis and simulation study. BMJ Open, 2019, 9, e025025.	1.9	2
46	Can activity monitors predict outcomes in patients with heart failure? A systematic review. European Heart Journal Quality of Care & Clinical Outcomes, 2019, 5, 11-21.	4.0	21
47	Surgery, Complications, and Quality of Life. Annals of Surgery, 2019, 270, 95-101.	4.2	44
48	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
49	Do selective serotonin reuptake inhibitors increase the risk of bleeding or mortality following coronary artery bypass graft surgery? A meta-analysis of observational studies. Perfusion (United Tj ETQq1 1 0.784304 rgBT 10 Overlo	2.5	35
50	“The Longest Way Round Is The Shortest Way Home” An Overhaul of Surgical Ward Rounds. World Journal of Surgery, 2018, 42, 937-949.	1.6	15
51	Temporal Stress in the Operating Room. Annals of Surgery, 2018, 267, 683-691.	4.2	39
52	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. Annals of Surgical Oncology, 2018, 25, 221-230.	1.5	15
53	Prognostic significance of peritoneal lavage cytology in staging gastric cancer: systematic review and meta-analysis. Gastric Cancer, 2018, 21, 10-18.	5.3	73
54	Selective serotonin reuptake inhibitor use and outcomes following cardiac surgery—a systematic review. Journal of Thoracic Disease, 2018, 10, 1112-1120.	1.4	6

#	ARTICLE	IF	CITATIONS
55	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
56	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.	1.1	34
57	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
58	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
59	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
60	Quality of life after mitral valve intervention. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, i1w312.	1.1	7
61	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.	0.1	5
62	Takotsubo Cardiomyopathy and Sepsis. <i>Angiology</i> , 2017, 68, 288-303.	1.8	26
63	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
64	The relationship between ethnicity, social deprivation and late presentation of colorectal cancer. <i>Cancer Epidemiology</i> , 2017, 47, 88-93.	1.9	21
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	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.	1.8	19
74	A systematic review of left ventricular cardio-endoscopic surgery. <i>Journal of Cardiothoracic Surgery</i> , 2017, 12, 41.	1.1	7
75	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
76	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
77	A proposed role for sepsis in the pathogenesis of myocardial calcification. <i>Acta Cardiologica</i> , 2017, 72, 249-255.	0.9	11
78	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
79	Network analysis of surgical innovation: Measuring value and the virality of diffusion in robotic surgery. <i>PLoS ONE</i> , 2017, 12, e0183332.	2.5	30
80	Colorectal endoscopic submucosal dissection: Systematic review of mid-term clinical outcomes. <i>Digestive Endoscopy</i> , 2016, 28, 405-416.	2.3	33
81	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
82	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, 581-586.	1.8	27
83	Leadership behaviours and healthcare research performance: prospective correlational study. <i>Postgraduate Medical Journal</i> , 2016, 92, 663-669.	1.8	5
84	Mentoring perception and academic performance: an Academic Health Science Centre survey. <i>Postgraduate Medical Journal</i> , 2016, 92, 597-602.	1.8	11
85	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
86	Can the Presence of Crystalluria Predict Stone Formation in Patients with Cystinuria?. <i>Journal of Endourology</i> , 2016, 30, 609-614.	2.1	12
87	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
88	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
89	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
90	The emerging role of microdialysis in diabetic patients undergoing amputation for limb ischemia. <i>Wound Repair and Regeneration</i> , 2016, 24, 1073-1080.	3.0	2

#	ARTICLE	IF	CITATIONS
91	Bailouts to LIMA Damage for Avoiding Conversion in Minimal Access Coronary Procedures. <i>Annals of Thoracic Surgery</i> , 2016, 102, e173-e176.	1.3	2
92	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
93	National Survey of UK Consultant Surgeons'™ Opinions on Surgeon-Specific Mortality Data in Cardiothoracic Surgery. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016, 9, 414-423.	2.2	29
94	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
95	Robotic surgery: disruptive innovation or unfulfilled promise? A systematic review and meta-analysis of the first 30Years. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 4330-4352.	2.4	68
96	Mini Bypass and Proinflammatory Leukocyte Activation: A Randomized Controlled Trial. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1454-1463.	1.3	18
97	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
98	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
99	Quality of life after intervention on the thoracic aorta. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 369-389.	1.4	29
100	Surgical management of infected cardiac implantable electronic devices. <i>International Journal of Cardiology</i> , 2016, 203, 714-721.	1.7	7
101	Developments in surgical revascularization to achieve improved morbidity and mortality. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 367-379.	1.5	2
102	Type 1 Diabetes Mellitus and Bariatric Surgery: A Systematic Review and Meta-Analysis. <i>Obesity Surgery</i> , 2016, 26, 1697-1704.	2.1	46
103	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
104	Skeletal Muscle Changes After Elective Colorectal Cancer Resection: A Longitudinal Study. <i>Annals of Surgical Oncology</i> , 2016, 23, 2539-2547.	1.5	34
105	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
106	Understanding The Strengths And Weaknesses Of Public Reporting Of Surgeon-Specific Outcome Data. <i>Health Affairs</i> , 2016, 35, 415-421.	5.2	37
107	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
108	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

#	ARTICLE	IF	CITATIONS
109	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
110	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
111	Suture needle handling in the operating theatre; what is the safest method? A survey of surgical nursing opinion. <i>Injury Prevention</i> , 2016, 22, 135-139.	2.4	2
112	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
113	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.	0.2	2
114	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
115	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.	2.0	29
116	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
117	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
118	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
119	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
120	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
121	Trends in Immediate Postmastectomy Breast Reconstruction in the United Kingdom. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015, 3, e507.	0.6	50
122	Thoracoscopic Esophageal Repair of a Spontaneous Barrett's Ulcer Perforation. <i>Annals of Thoracic Surgery</i> , 2015, 99, 331-333.	1.3	3
123	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.	2.7	26
124	Effects of Interdisciplinary Team Care Interventions on General Medical Wards. <i>JAMA Internal Medicine</i> , 2015, 175, 1288.	5.1	97
125	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
126	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

#	ARTICLE	IF	CITATIONS
127	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
128	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
129	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
130	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
131	In-vivo assessment of the morphology and hemodynamic functions of the BioValsalva®, a 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
132	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
133	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
134	Does coronary endarterectomy technique affect surgical outcome when combined with coronary artery bypass grafting?: Table 1:. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 19, 848-855.	1.1	26
135	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
136	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
137	Reply to Almdahl. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 758-758.	1.4	0
138	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
139	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
140	Is hand-sewn anastomosis superior to stapled anastomosis following oesophagectomy?. <i>International Journal of Surgery</i> , 2014, 12, 7-15.	2.7	16
141	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
142	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
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	Off-Pump Versus On-Pump Coronary Revascularization: Meta-Analysis of Mid- and Long-Term Outcomes. <i>Annals of Thoracic Surgery</i> , 2014, 98, 563-572.	1.3	28
147	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
148	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
149	Meta analysis of robot-assisted versus conventional laparoscopic fundoplication in children. <i>Journal of Pediatric Surgery</i> , 2014, 49, 646-652.	1.6	32
150	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
151	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
152	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
153	Tumour Thrombi in the Suprahepatic Inferior Vena Cava: The Cardiothoracic Surgeons'™ View. <i>ISRN Vascular Medicine</i> , 2013, 2013, 1-7.	0.7	4
154	Robotic cardiac surgery: advanced minimally invasive technology hindered by barriers to adoption. <i>Future Cardiology</i> , 2011, 7, 511-522.	1.2	11
155	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
156	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.	0.2	1
157	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2010, 89, 408-409.	1.3	1
158	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
159	Volume-Outcome Relationship in Surgical Urology: Myth or Reality?. <i>British Journal of Medical and Surgical Urology</i> , 2008, 1, 50-57.	0.2	0
160	COMPLICATIONS OF CARDIOTHORACIC SURGERY. , 2007, , 245-300.		1
161	Proving the Effectiveness of Virtual Reality Simulation for Training in Laparoscopic Surgery. <i>Annals of Surgery</i> , 2007, 246, 771-779.	4.2	388
162	COMPLICATIONS IN TRANSPLANTATION SURGERY. , 2007, , 795-854.		0

#	ARTICLE	IF	CITATIONS
163	Homograft Implantation Techniques in the Aortic Position: To Preserve or Replace the Aortic Root?. Annals of Thoracic Surgery, 2006, 81, 1578-1585.	1.3	15
164	Clampless Arterial Coronary Artery Bypass Grafting with the Use of Magnetic Coupling Devices. Journal of Cardiac Surgery, 2006, 21, 69-74.	0.7	6
165	Does off-pump coronary artery bypass reduce the incidence of post-operative atrial fibrillation? A question revisited. European Journal of Cardio-thoracic Surgery, 2004, 26, 701-710.	1.4	56
166	Are wound healing disturbances and length of hospital stay reduced with minimally invasive vein harvest? A meta-analysis. European Journal of Cardio-thoracic Surgery, 2004, 26, 1015-1026.	1.4	70
167	Off-pump myocardial revascularization is associated with less incidence of stroke in elderly patients. Annals of Thoracic Surgery, 2004, 77, 745-753.	1.3	214
168	Do off-pump techniques reduce the incidence of postoperative atrial fibrillation in elderly patients undergoing coronary artery bypass grafting?. Annals of Thoracic Surgery, 2004, 77, 1567-1574.	1.3	73
169	Should the internal thoracic artery be skeletonized?. Annals of Thoracic Surgery, 2004, 77, 2238-2246.	1.3	53
170	Coronary Artery Bypass with the Use of a Magnetic Distal Anastomotic Device: Surgical Technique and Preliminary Experience. Heart Surgery Forum, 2004, 7, 356-359.	0.5	12
171	Apical Suction Device Facilitating Off-Pump Bypass for Recurrent Coarctation: Case Report. Heart Surgery Forum, 2004, 7, E177-E178.	0.5	2
172	Is the female gender an independent predictor of adverse outcome after off-pump coronary artery bypass grafting?. Annals of Thoracic Surgery, 2003, 75, 1153-1160.	1.3	37
173	Expanded use of suction and stabilization devices in cardiothoracic surgery. Annals of Thoracic Surgery, 2003, 76, 1126-1130.	1.3	12
174	Leg wound infection after coronary artery bypass grafting: a meta-analysis comparing minimally invasive versus conventional vein harvesting. Annals of Thoracic Surgery, 2003, 76, 2141-2146.	1.3	106