

Stuart W Grant

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.

55
papers

1,222
citations

21
h-index

34
g-index

63
ext. papers

1,596
ext. citations

2.8
avg, IF

4.68
L-index

#	Paper	IF	Citations
55	Preoperative cardiopulmonary exercise testing and risk of early mortality following abdominal aortic aneurysm repair. <i>British Journal of Surgery</i> , 2012 , 99, 1539-46	5.3	161
54	Dynamic trends in cardiac surgery: why the logistic EuroSCORE is no longer suitable for contemporary cardiac surgery and implications for future risk models. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 43, 1146-52	3	90
53	Clinical registries: governance, management, analysis and applications. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 44, 605-14	3	65
52	Cardiopulmonary exercise testing and survival after elective abdominal aortic aneurysm repair. <i>British Journal of Anaesthesia</i> , 2015 , 114, 430-6	5.4	65
51	Acute type A aortic dissection in the United Kingdom: Surgeon volume-outcome relation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 398-406.e1	1.5	61
50	Statistical Primer: developing and validating a risk prediction model. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 203-208	3	59
49	A multicentre observational study of the outcomes of screening detected sub-aneurysmal aortic dilatation. <i>European Journal of Vascular and Endovascular Surgery</i> , 2013 , 45, 128-34	2.3	50
48	Statistical primer: sample size and power calculations-why, when and how?. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 4-9	3	50
47	National risk prediction model for elective abdominal aortic aneurysm repair. <i>British Journal of Surgery</i> , 2013 , 100, 645-53	5.3	43
46	Evaluation of five risk prediction models for elective abdominal aortic aneurysm repair using the UK National Vascular Database. <i>British Journal of Surgery</i> , 2012 , 99, 673-9	5.3	41
45	Logistic risk model for mortality following elective abdominal aortic aneurysm repair. <i>British Journal of Surgery</i> , 2011 , 98, 652-8	5.3	36
44	A comparison of outcomes between bovine pericardial and porcine valves in 38,040 patients in England and Wales over 10 years. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 47, 1067-74	3	35
43	Statistical primer: how to deal with missing data in scientific research?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 27, 153-158	1.8	35
42	Performance of the EuroSCORE models in emergency cardiac surgery. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013 , 6, 178-85	5.8	32
41	Propensity-matched analysis of minimally invasive approach versus sternotomy for mitral valve surgery. <i>Heart</i> , 2019 , 105, 783-789	5.1	31
40	The KDIGO acute kidney injury guidelines for cardiac surgery patients in critical care: a validation study. <i>BMC Nephrology</i> , 2018 , 19, 149	2.7	26
39	Dynamic prediction modeling approaches for cardiac surgery. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013 , 6, 649-58	5.8	26

38	Is social deprivation an independent predictor of outcomes following cardiac surgery? An analysis of 240,221 patients from a national registry. <i>BMJ Open</i> , 2015 , 5, e008287	3	25
37	Minimally Invasive Versus Conventional Aortic Valve Replacement: A Propensity-Matched Study From the UK National Data. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016 , 11, 15-23; discussion 23	1.5	24
36	Statistical primer: multivariable regression considerations and pitfalls. <i>European Journal of Cardio-thoracic Surgery</i> , 2019 , 55, 179-185	3	21
35	Comparison of three contemporary risk scores for mortality following elective abdominal aortic aneurysm repair. <i>European Journal of Vascular and Endovascular Surgery</i> , 2014 , 48, 38-44	2.3	20
34	National Registry Data and Record Linkage to Inform Postmarket Surveillance of Prosthetic Aortic Valve Models Over 15 Years. <i>JAMA Internal Medicine</i> , 2017 , 177, 79-86	11.5	20
33	A technical review of the United Kingdom National Adult Cardiac Surgery Governance Analysis 2008-11. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 45, 225-33	3	18
32	Calculating when elective abdominal aortic aneurysm repair improves survival for individual patients: development of the Aneurysm Repair Decision Aid and economic evaluation. <i>Health Technology Assessment</i> , 2015 , 19, 1-154, v-vi	4.4	14
31	Activity and outcomes for aortic valve implantations performed in England and Wales since the introduction of transcatheter aortic valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, 1164-73	3	12
30	Development and Validation of Elective and Nonelective Risk Prediction Models for In-Hospital Mortality in Proximal Aortic Surgery Using the National Institute for Cardiovascular Outcomes Research (NICOR) Database. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 1670-6	2.7	12
29	Incidence and outcomes of sepsis after cardiac surgery as defined by the Sepsis-3 guidelines. <i>British Journal of Anaesthesia</i> , 2018 , 120, 509-516	5.4	12
28	Validation of the EuroSCORE II: should we be concerned with retrospective performance?. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 43, 655	3	11
27	Impact of hepatic cirrhosis on outcome in adult cardiac surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2015 , 63, 58-66	1.6	9
26	Surgeon length of service and risk-adjusted outcomes: linked observational analysis of the UK National Adult Cardiac Surgery Audit Registry and General Medical Council Register. <i>Journal of the Royal Society of Medicine</i> , 2014 , 107, 355-64	2.3	9
25	Conventional aortic valve replacement for high-risk aortic stenosis patients not suitable for trans-catheter aortic valve implantation: feasibility and outcome. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 40, 743-8	3	9
24	Delayed carotid surgery: what are the causes in the north west of England?. <i>European Journal of Vascular and Endovascular Surgery</i> , 2012 , 43, 637-41	2.3	8
23	Validation of Three Postoperative Risk Prediction Models for Intensive Care Unit Mortality after Cardiac Surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2018 , 66, 651-660	1.6	5
22	Are Serum Potassium and Magnesium Levels Associated with Atrial Fibrillation After Cardiac Surgery?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020 , 34, 1152-1159	2.1	4
21	Risk Models That Use Postoperative Patient Monitoring Data to Predict Outcomes in Adult Cardiac Surgery: A Systematic Review. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017 , 31, 1865-1877	2.1	4

20	Coronary artery bypass surgery in the UK, trends in activity and outcomes from a 15-year complete national series. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 ,	3	4
19	Trends and outcomes for cardiac surgery in the United Kingdom from 2002 to 2016. <i>JTCVS Open</i> , 2021 , 7, 259-269	0.2	4
18	Minimally Invasive versus Conventional Aortic Valve Replacement: A Propensity-Matched Study from the UK National Data. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016 , 11, 15-23	1.5	2
17	A Novel Patient-Specific Model for Predicting Severe Oliguria; Development and Comparison With Kidney Disease: Improving Global Outcomes Acute Kidney Injury Classification. <i>Critical Care Medicine</i> , 2020 , 48, e18-e25	1.4	2
16	Delayed subclavian artery rupture secondary to a traumatic first rib fracture. <i>Trauma Case Reports</i> , 2018 , 16, 1-3	0.5	2
15	Predicting Readmission to Intensive Care After Cardiac Surgery Within Index Hospitalization: A Systematic Review. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 2166-2179	2.1	2
14	Closing the gender gap in cardiac surgery outcomes: more work to be done. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 ,	3	2
13	Regarding "The Abdominal Aortic Aneurysm Statistically Corrected Operative Risk Evaluation (AAA SCORE) for predicting mortality after open and endovascular interventions". <i>Journal of Vascular Surgery</i> , 2015 , 62, 1683-4	3.5	1
12	Mitral valve prosthesis choice for patients aged 65 years and over in the UK. Are the guidelines being followed and does it matter?. <i>Heart</i> , 2014 , 100, 500-7	5.1	1
11	Aortic valve surgery in the UK, trends in activity and outcomes from a 15-year complete national series. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 60, 1353-1357	3	1
10	A systematic review of risk prediction models for perioperative mortality after thoracic surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021 , 32, 333-342	1.8	1
9	External validation of six existing multivariable clinical prediction models for short-term mortality in patients undergoing lung resection. <i>European Journal of Cardio-thoracic Surgery</i> , 2021 , 59, 1030-1036	3	1
8	Ninety-Day Mortality: Redefining the Perioperative Period After Lung Resection. <i>Clinical Lung Cancer</i> , 2021 , 22, e642-e645	4.9	0
7	Evaluating quality in clinical care. <i>Surgery</i> , 2018 , 36, 497-502	0.3	0
6	Has Publishing Surgeon-Specific Outcomes Had an Impact on Training in Cardiac Surgery?. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 1552-1558	2.7	
5	Regarding "validation of three models predicting in-hospital death in patients with an abdominal aortic aneurysm eligible for both endovascular and open repair". <i>Journal of Vascular Surgery</i> , 2013 , 58, 1743-4	3.5	
4	Evaluating quality in clinical care. <i>Surgery</i> , 2012 , 30, 494-498	0.3	
3	Endograft failure in an adult patient with coarctation and bicuspid aortic valve. <i>Thoracic and Cardiovascular Surgeon</i> , 2013 , 61, 340-2	1.6	

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| 2 | Adequacy of Mediastinal Lymph Node Sampling in Patients With Lung Cancer Undergoing Lung Resection. <i>Journal of Surgical Research</i> , 2021 , 270, 271-278 | 2.5 |
| 1 | Reply to "Developing a Risk Prediction Model for Intensive Care Unit Mortality after Cardiac Surgery". <i>Thoracic and Cardiovascular Surgeon</i> , 2018 , 66, e3-e4 | 1.6 |