Stuart W Grant

List of Publications by Year
in descending order

62 papers	1,923 citations	257101 24 h-index	264894 42 g-index
63 all docs	63 docs citations	63 times ranked	2506 citing authors

#	ARTICLE	IF	CITATIONS
1	Preoperative cardiopulmonary exercise testing and risk of early mortality following abdominal aortic aneurysm repair8. British Journal of Surgery, 2012, 99, 1539-1546.	0.1	190
2	Dynamic trends in cardiac surgery: why the logistic EuroSCORE is no longer suitable for contemporary cardiac surgery and implications for future risk models. European Journal of Cardio-thoracic Surgery, 2013, 43, 1146-1152.	0.6	123
3	Statistical Primer: developing and validating a risk prediction modelâ€. European Journal of Cardio-thoracic Surgery, 2018, 54, 203-208.	0.6	123
4	Clinical registries: governance, management, analysis and applications. European Journal of Cardio-thoracic Surgery, 2013, 44, 605-614.	0.6	102
5	Acute type A aortic dissection in the United Kingdom: Surgeon volume-outcome relation. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 398-406.e1.	0.4	90
6	Statistical primer: multivariable regression considerations and pitfallsâ€. European Journal of Cardio-thoracic Surgery, 2019, 55, 179-185.	0.6	90
7	Statistical primer: sample size and power calculationsâ€"why, when and how?â€. European Journal of Cardio-thoracic Surgery, 2018, 54, 4-9.	0.6	88
8	Cardiopulmonary exercise testing and survival after elective abdominal aortic aneurysm repair. British Journal of Anaesthesia, 2015, 114, 430-436.	1.5	84
9	A Multicentre Observational Study of the Outcomes of Screening Detected Sub-aneurysmal Aortic Dilatation. European Journal of Vascular and Endovascular Surgery, 2013, 45, 128-134.	0.8	71
10	Statistical primer: how to deal with missing data in scientific research?â€. Interactive Cardiovascular and Thoracic Surgery, 2018, 27, 153-158.	0.5	71
11	Prediction models for diagnosis and prognosis in Covid-19. BMJ, The, 2020, 369, m1464.	3.0	63
12	Propensity-matched analysis of minimally invasive approach versus sternotomy for mitral valve surgery. Heart, 2019, 105, 783-789.	1.2	61
13	National risk prediction model for elective abdominal aortic aneurysm repair. British Journal of Surgery, 2013, 100, 645-653.	0.1	51
14	A comparison of outcomes between bovine pericardial and porcine valves in 38 040 patients in England and Wales over 10 years. European Journal of Cardio-thoracic Surgery, 2015, 47, 1067-1074.	0.6	51
15	Evaluation of five risk prediction models for elective abdominal aortic aneurysm repair using the UK National Vascular Database. British Journal of Surgery, 2012, 99, 673-679.	0.1	47
16	The KDIGO acute kidney injury guidelines for cardiac surgery patients in critical care: a validation study. BMC Nephrology, 2018, 19, 149.	0.8	44
17	Logistic risk model for mortality following elective abdominal aortic aneurysm repair. British Journal of Surgery, 2011, 98, 652-658.	0.1	42
18	Dynamic Prediction Modeling Approaches for Cardiac Surgery. Circulation: Cardiovascular Quality and Outcomes, 2013, 6, 649-658.	0.9	41

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19	Performance of the EuroSCORE Models in Emergency Cardiac Surgery. Circulation: Cardiovascular Quality and Outcomes, 2013, 6, 178-185.	0.9	39
20	Is social deprivation an independent predictor of outcomes following cardiac surgery? An analysis of 240â€¦221 patients from a national registry. BMJ Open, 2015, 5, e008287.	0.8	35
21	Minimally Invasive versus Conventional Aortic Valve Replacement: A Propensity-Matched Study from the UK National Data. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2016, 11, 15-23.	0.4	31
22	National Registry Data and Record Linkage to Inform Postmarket Surveillance of Prosthetic Aortic Valve Models Over 15 Years. JAMA Internal Medicine, 2017, 177, 79.	2.6	30
23	A technical review of the United Kingdom National Adult Cardiac Surgery Governance Analysis 2008â€"11. European Journal of Cardio-thoracic Surgery, 2014, 45, 225-233.	0.6	27
24	Comparison of Three Contemporary Risk Scores for Mortality Following Elective Abdominal Aortic Aneurysm Repair. European Journal of Vascular and Endovascular Surgery, 2014, 48, 38-44.	0.8	27
25	Incidence and outcomes of sepsis after cardiac surgery as defined by the Sepsis-3 guidelines. British Journal of Anaesthesia, 2018, 120, 509-516.	1.5	27
26	Coronary artery bypass surgery in the UK, trends in activity and outcomes from a 15-year complete national series. European Journal of Cardio-thoracic Surgery, 2022, 61, 449-456.	0.6	24
27	Trends and outcomes for cardiac surgery in the United Kingdom from 2002 to 2016. JTCVS Open, 2021, 7, 259-269.	0.2	23
28	Activity and outcomes for aortic valve implantations performed in England and Wales since the introduction of transcatheter aortic valve implantation. European Journal of Cardio-thoracic Surgery, 2016, 49, 1164-1173.	0.6	18
29	Calculating when elective abdominal aortic aneurysm repair improves survival for individual patients: development of the Aneurysm Repair Decision Aid and economic evaluation. Health Technology Assessment, 2015, 19, 1-154.	1.3	17
30	Creating transparency in UK adult cardiac surgery data. Heart, 2013, 99, 1067-1068.	1.2	15
31	Validation of the EuroSCORE II: should we be concerned with retrospective performance?. European Journal of Cardio-thoracic Surgery, 2013, 43, 655-655.	0.6	14
32	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. Annals of Thoracic Surgery, 2016, 101, 1670-1676.	0.7	14
33	Are Serum Potassium and Magnesium Levels Associated with Atrial Fibrillation After Cardiac Surgery?. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 1152-1159.	0.6	13
34	External validation of six existing multivariable clinical prediction models for short-term mortality in patients undergoing lung resection. European Journal of Cardio-thoracic Surgery, 2021, 59, 1030-1036.	0.6	13
35	Conventional aortic valve replacement for high-risk aortic stenosis patients not suitable for trans-catheter aortic valve implantation: feasibility and outcomeâ˜†. European Journal of Cardio-thoracic Surgery, 2011, 40, 743-8.	0.6	12
36	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. Journal of the Royal Society of Medicine, 2014, 107, 355-364.	1.1	12

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37	Delayed Carotid Surgery: What Are the Causes in the North West of England?. European Journal of Vascular and Endovascular Surgery, 2012, 43, 637-641.	0.8	10
38	Impact of Hepatic Cirrhosis on Outcome in Adult Cardiac Surgery. Thoracic and Cardiovascular Surgeon, 2015, 63, 058-066.	0.4	10
39	Validation of Three Postoperative Risk Prediction Models for Intensive Care Unit Mortality after Cardiac Surgery. Thoracic and Cardiovascular Surgeon, 2018, 66, 651-660.	0.4	10
40	A systematic review of risk prediction models for perioperative mortality after thoracic surgery. Interactive Cardiovascular and Thoracic Surgery, 2021, 32, 333-342.	0.5	9
41	Preoperative Anemia is Associated With Worse Long-Term Survival After Lung Cancer Resection: A Multicenter Cohort Study of 5,029 Patients. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 1373-1379.	0.6	9
42	Cardiac surgery in older patients: hospital outcomes during a 15-year period from a complete national series. Interactive Cardiovascular and Thoracic Surgery, 2022, 34, 532-539.	0.5	8
43	Pneumonectomy for primary lung cancer: contemporary outcomes, risk factors and model validation. Interactive Cardiovascular and Thoracic Surgery, 2022, 34, 1054-1061.	0.5	7
44	Aortic valve surgery in the UK, trends in activity and outcomes from a 15-year complete national series. European Journal of Cardio-thoracic Surgery, 2021, 60, 1353-1357.	0.6	6
45	Risk Models That Use Postoperative Patient Monitoring Data to Predict Outcomes in Adult Cardiac Surgery: A Systematic Review. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 1865-1877.	0.6	5
46	Delayed subclavian artery rupture secondary to a traumatic first rib fracture. Trauma Case Reports, 2018, 16, 1-3.	0.2	5
47	A Novel Patient-Specific Model for Predicting Severe Oliguria; Development and Comparison With Kidney Disease: Improving Global Outcomes Acute Kidney Injury Classification. Critical Care Medicine, 2020, 48, e18-e25.	0.4	4
48	Minimally Invasive versus Conventional Aortic Valve Replacement: A Propensity-Matched Study from the UK National Data. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2016, 11, 15-23.	0.4	4
49	Ninety-Day Mortality: Redefining the Perioperative Period After Lung Resection. Clinical Lung Cancer, 2021, 22, e642-e645.	1.1	3
50	Mitral valve prosthesis choice for patients aged 65 years and over in the UK. Are the guidelines being followed and does it matter?. Heart, 2014, 100, 500-507.	1.2	2
51	Predicting Readmission to Intensive Care After Cardiac Surgery Within Index Hospitalization: A Systematic Review. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 2166-2179.	0.6	2
52	OUP accepted manuscript. European Journal of Cardio-thoracic Surgery, 2021, , .	0.6	2
53	Regarding â€œThe Abdominal Aortic Aneurysm Statistically Corrected Operative Risk Evaluation (AAA) Tj ETQq1 1 0.784314 rgBT /Overl Surgery, 2015, 62, 1683-1684.	0.6	1
54	Evaluating quality in clinical care. Surgery, 2018, 36, 497-502.	0.1	1

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55	Development and internal validation of a clinical prediction model for 90-day mortality after lung resection: the RESECT-90 score. Interactive Cardiovascular and Thoracic Surgery, 2021, 33, 921-927.	0.5	1
56	Adequacy of Mediastinal Lymph Node Sampling in Patients With Lung Cancer Undergoing Lung Resection. Journal of Surgical Research, 2022, 270, 271-278.	0.8	1
57	Evaluating quality in clinical care. Surgery, 2012, 30, 494-498.	0.1	0
58	Regarding "Validation of three models predicting in-hospital death in patients with an abdominal aortic aneurysm eligible for both endovascular and open repair". Journal of Vascular Surgery, 2013, 58, 1743-1744.	0.6	0
59	Endograft Failure in an Adult Patient with Coarctation and Bicuspid Aortic Valve. Thoracic and Cardiovascular Surgeon, 2013, 61, 340-342.	0.4	0
60	Reply to â€œDeveloping a Risk Prediction Model for Intensive Care Unit Mortality after Cardiac Surgeryâ€. Thoracic and Cardiovascular Surgeon, 2018, 66, e3-e4.	0.4	0
61	Has Publishing Surgeon-Specific Outcomes Had an Impact on Training inÂCardiac Surgery?. Annals of Thoracic Surgery, 2019, 107, 1552-1558.	0.7	0
62	The Impact of Initial Postoperative Destination on Unplanned Critical Care Admissions After Lung Resection. Journal of Cardiothoracic and Vascular Anesthesia, 2022, , .	0.6	0