

# Christopher Rao

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

2,241  
citations

218677

26  
h-index

223800

46  
g-index

77  
all docs

77  
docs citations

77  
times ranked

3076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal Access Aortic Valve Replacement: Is It Worth It?. <i>Annals of Thoracic Surgery</i> , 2008, 85, 1121-1131.	1.3	200
2	The effect of microgrooved culture substrates on calcium cycling of cardiac myocytes derived from human induced pluripotent stem cells. <i>Biomaterials</i> , 2013, 34, 2399-2411.	11.4	154
3	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
4	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
5	Meta-analysis of minimally invasive internal thoracic artery bypass versus percutaneous revascularisation for isolated lesions of the left anterior descending artery. <i>BMJ: British Medical Journal</i> , 2007, 334, 617.	2.3	92
6	Modern management of systolic anterior motion of the mitral valve. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 1260-1270.	1.4	92
7	What does leadership in surgery entail?. <i>ANZ Journal of Surgery</i> , 2010, 80, 876-883.	0.7	87
8	Effect of Skeletonization of the Internal Thoracic Artery for Coronary Revascularization on the Incidence of Sternal Wound Infection. <i>Annals of Thoracic Surgery</i> , 2010, 89, 661-670.	1.3	84
9	Mechanical unloading reverses transverse tubule remodelling and normalizes local $Ca^{2+}$ -induced $Ca^{2+}$ release in a rodent model of heart failure. <i>European Journal of Heart Failure</i> , 2012, 14, 571-580.	7.1	76
10	Atrial septal defect closure is associated with a reduced prevalence of atrial tachyarrhythmia in the short to medium term: a systematic review and meta-analysis. <i>Heart</i> , 2010, 96, 1789-1797.	2.9	73
11	Preservation of the mitral valve apparatus: evidence synthesis and critical reappraisal of surgical techniques. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 391-401.	1.4	70
12	Dose Escalation Using Contact X-ray Brachytherapy After External Beam Radiotherapy as Nonsurgical Treatment Option for Rectal Cancer: Outcomes From a Single-Center Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 565-573.	0.8	62
13	What factors influence British medical students' career intentions?. <i>Medical Teacher</i> , 2014, 36, 1064-1072.	1.8	58
14	Multi-Detector Computed Tomography in Coronary Artery Bypass Graft Assessment: A Meta-Analysis. <i>Annals of Thoracic Surgery</i> , 2007, 83, 341-348.	1.3	52
15	A critical role for Telethonin in regulating t-tubule structure and function in the mammalian heart. <i>Human Molecular Genetics</i> , 2013, 22, 372-383.	2.9	50
16	Trends in Immediate Postmastectomy Breast Reconstruction in the United Kingdom. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015, 3, e507.	0.6	50
17	Funnel Plots and Their Emerging Application in Surgery. <i>Annals of Surgery</i> , 2009, 249, 376-383.	4.2	48
18	Artificial chordae for degenerative mitral valve disease: critical analysis of current techniques. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 15, 1019-1032.	1.1	48

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19	Does Obesity Affect Outcomes in Patients Undergoing Esophagectomy for Cancer? A Meta-Analysis. World Journal of Surgery, 2012, 36, 1785-1795.	1.6	48
20	Does the Presence of Circulating Tumor Cells in the Venous Drainage of Curative Colorectal Cancer Resections Determine Prognosis? A Meta-Analysis. Annals of Surgical Oncology, 2008, 15, 3083-3091.	1.5	43
21	Evidence-Based Choice of Esophageal Stent for the Palliative Management of Malignant Dysphagia. World Journal of Surgery, 2008, 32, 1996-2009.	1.6	41
22	Dose escalation using contact X-ray brachytherapy (Papillon) for rectal cancer: does it improve the chance of organ preservation?. British Journal of Radiology, 2017, 90, 20170175.	2.2	37
23	Is minimally invasive harvesting of the great saphenous vein for coronary artery bypass surgery a cost-effective technique?. Journal of Thoracic and Cardiovascular Surgery, 2008, 135, 809-815.	0.8	33
24	Cost effectiveness analysis of minimally invasive internal thoracic artery bypass versus percutaneous revascularisation for isolated lesions of the left anterior descending artery. BMJ: British Medical Journal, 2007, 334, 621.	2.3	32
25	The march of pluripotent stem cells in cardiovascular regenerative medicine. Stem Cell Research and Therapy, 2018, 9, 201.	5.5	32
26	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
27	Bilateral femoral neck fractures in an adult male following minimal trauma after a simple mechanical fall: a case report. Cases Journal, 2009, 2, 92.	0.4	25
28	Avoiding Radical Surgery in Elderly Patients With Rectal Cancer Is Cost-Effective. Diseases of the Colon and Rectum, 2017, 60, 30-42.	1.3	25
29	Outcomes of mitral valve repair using artificial chordae. European Journal of Cardio-thoracic Surgery, 2014, 45, 593-601.	1.4	24
30	Mechanical unloading and cell therapy have a synergistic role in the recovery and regeneration of the failing heart. European Journal of Cardio-thoracic Surgery, 2012, 42, 312-318.	1.4	23
31	Off-Pump Coronary Artery Bypass Surgery May Reduce the Incidence of Stroke in Patients with Significant Left Main Stem Disease. Thoracic and Cardiovascular Surgeon, 2008, 56, 247-255.	1.0	21
32	Does Previous Percutaneous Coronary Stenting Compromise the Long-Term Efficacy of Subsequent Coronary Artery Bypass Surgery? A Microsimulation Study. Annals of Thoracic Surgery, 2008, 85, 501-507.	1.3	20
33	Positive pre-resection pleural lavage cytology is associated with increased risk of lung cancer recurrence in patients undergoing surgical resection: a meta-analysis of 4450 patients. Thorax, 2012, 67, 526-532.	5.6	19
34	Does patent foramen ovale closure have an anti-arrhythmic effect? A meta-analysis. International Journal of Cardiology, 2011, 153, 4-9.	1.7	18
35	Heterotopic abdominal heart transplantation in rats for functional studies of ventricular unloading. Journal of Surgical Research, 2013, 179, e31-e39.	1.6	17
36	Statin therapy may influence the incidence of postoperative atrial fibrillation: what is the evidence?. Texas Heart Institute Journal, 2009, 36, 521-9.	0.3	16

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37	Does preservation of the sub-valvular apparatus during mitral valve replacement affect long-term survival and quality of life? A Microsimulation Study. <i>Journal of Cardiothoracic Surgery</i> , 2008, 3, 17.	1.1	14
38	Benchmarking in surgical research. <i>Lancet, The</i> , 2009, 374, 1045-1047.	13.7	14
39	Translation to success of surgical innovation~†. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 613-625.	1.4	14
40	Meta-Analysis of Organ Damage After Conversion From Off-Pump Coronary Artery Bypass Procedures. <i>Annals of Thoracic Surgery</i> , 2011, 92, 755-761.	1.3	14
41	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
42	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
43	Behavioural interventions for smoking cessation in patients hospitalised for a major cardiovascular event. <i>International Journal of Cardiology</i> , 2009, 137, 171-174.	1.7	11
44	Mitral Valve Repair or Replacement for Ischaemic Mitral Regurgitation: A Systematic Review. <i>Heart Lung and Circulation</i> , 2011, 20, 555-565.	0.4	11
45	In patients undergoing mitral surgery for ischaemic mitral regurgitation is it preferable to repair or replace the mitral valve?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011, 12, 218-227.	1.1	11
46	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
47	A cohort study of duplicate faecal immunochemical testing in patients at risk of colorectal cancer from North-West England. <i>BMJ Open</i> , 2022, 12, e059940.	1.9	11
48	Does Re-operation have an Effect on Outcome Following Heart Transplantation?. <i>Heart Lung and Circulation</i> , 2007, 16, 93-102.	0.4	10
49	Economic analysis of esophageal stenting for management of malignant dysphagia. <i>Ecological Management and Restoration</i> , 2009, 22, 337-347.	0.4	9
50	Development of the Veritas plot and its application in cardiac surgery: an evidence-synthesis graphic tool for the clinician to assess multiple meta-analyses reporting on a common outcome. <i>Canadian Journal of Surgery</i> , 2009, 52, E137-45.	1.2	8
51	Surgical management of morbid obesity. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2008, 69, 95-100.	0.5	7
52	Leadership in cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, 905-911.	1.4	7
53	Safety of training and assessment in operating theatres â€œ a systematic review and meta-analysis. <i>Perfusion (United Kingdom)</i> , 2013, 28, 76-87.	1.0	6
54	Follow up colonoscopy may be omissible in uncomplicated left-sided acute diverticulitis diagnosed with CT- a retrospective cohort study. <i>Scientific Reports</i> , 2019, 9, 20127.	3.3	6

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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.	1.1	5
56	Graphs in Statistical Analysis. , 2010, , 441-475.		5
57	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
58	Tissue Engineering Techniques in Cardiac Repair and Disease Modelling. <i>Current Pharmaceutical Design</i> , 2014, 20, 2048-2056.	1.9	5
59	Meta-analysis covers the horizon when the literature search is undertaken through a keyhole. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 139, 1669-1670.	0.8	3
60	A rare case of suture material obstructing the closure mechanism of a prosthetic aortic valve: a case report. <i>Cases Journal</i> , 2009, 2, 9126.	0.4	2
61	Too much benchmarking – Authors' reply. <i>Lancet, The</i> , 2009, 374, 1963.	13.7	2
62	Combined sterno-clavicular approach as an alternative technique in hybrid exclusion of aortic arch aneurysm. <i>Journal of Cardiothoracic Surgery</i> , 2007, 2, 36.	1.1	1
63	Decision Analysis. , 2010, , 399-409.		1
64	Value of Information Analysis. , 2010, , 421-428.		1
65	How to Write a Book Proposal. , 2010, , 611-614.		1
66	An Introduction to Cost-Effectiveness Analysis. , 2011, , 141-153.		1
67	An Introduction to Decision Analysis. , 2011, , 127-140.		1
68	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
69	Reply to Ghosh et al.. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 34, 467-467.	1.4	0
70	Phenotype and Developmental Potential of Cardiomyocytes from Induced Pluripotent Stem Cells and Human Embryonic Stem Cells. , 2011, , 217-238.		0
71	In Reply to Habr-Gama et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 743-744.	0.8	0
72	Re: Evaluating the incidence of pathological complete response in current international rectal cancer practice: the barriers to widespread safe deferral of surgery. <i>Colorectal Disease</i> , 2019, 21, 119-120.	1.4	0

#	ARTICLE	IF	CITATIONS
73	Cost-Effectiveness Analysis. , 2010, , 411-420.		0
74	Practical Examples of the Application of Decision Analysis in Healthcare. , 2011, , 221-267.		0
75	The NHS and Private Healthcare. , 2017, , 389-395.		0