

# Christopher Rao

## 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.

76  
papers

1,739  
citations

24  
h-index

40  
g-index

77  
ext. papers

2,022  
ext. citations

4.1  
avg, IF

4.12  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 76 | Minimal access aortic valve replacement: is it worth it?. <i>Annals of Thoracic Surgery</i> , <b>2008</b> , 85, 1121-31  | 2.7  | 168       |
| 75 | The effect of microgrooved culture substrates on calcium cycling of cardiac myocytes derived from human induced pluripotent stem cells. <i>Biomaterials</i> , <b>2013</b> , 34, 2399-411   | 15.6 | 123       |
| 74 | 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> , <b>2011</b> , 40, 208-20 | 3    | 102       |
| 73 | Avoiding radical surgery improves early survival in elderly patients with rectal cancer, demonstrating complete clinical response after neoadjuvant therapy: results of a decision-analytic model. <i>Diseases of the Colon and Rectum</i> , <b>2015</b> , 58, 159-71  | 3.1  | 81        |
| 72 | Meta-analysis of minimally invasive internal thoracic artery bypass versus percutaneous revascularisation for isolated lesions of the left anterior descending artery. <i>BMJ, The</i> , <b>2007</b> , 334, 617  | 5.9  | 73        |
| 71 | Modern management of systolic anterior motion of the mitral valve. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2012</b> , 41, 1260-70  | 3    | 69        |
| 70 | What does leadership in surgery entail?. <i>ANZ Journal of Surgery</i> , <b>2010</b> , 80, 876-83  | 1    | 68        |
| 69 | Effect of skeletonization of the internal thoracic artery for coronary revascularization on the incidence of sternal wound infection. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 89, 661-70   | 2.7  | 65        |
| 68 | 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> , <b>2012</b> , 14, 571-80  | 12.3 | 62        |
| 67 | 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> , <b>2010</b> , 96, 1789-97  | 5.1  | 50        |
| 66 | Preservation of the mitral valve apparatus: evidence synthesis and critical reappraisal of surgical techniques. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2008</b> , 33, 391-401   | 3    | 46        |
| 65 | A critical role for Telethonin in regulating t-tubule structure and function in the mammalian heart. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 372-83  | 5.6  | 45        |
| 64 | Multi-detector computed tomography in coronary artery bypass graft assessment: a meta-analysis. <i>Annals of Thoracic Surgery</i> , <b>2007</b> , 83, 341-8  | 2.7  | 45        |
| 63 | What factors influence British medical students' career intentions?. <i>Medical Teacher</i> , <b>2014</b> , 36, 1064-72  | 3    | 42        |
| 62 | Funnel plots and their emerging application in surgery. <i>Annals of Surgery</i> , <b>2009</b> , 249, 376-83   | 7.8  | 42        |
| 61 | Does the presence of circulating tumor cells in the venous drainage of curative colorectal cancer resections determine prognosis? A meta-analysis. <i>Annals of Surgical Oncology</i> , <b>2008</b> , 15, 3083-91  | 3.1  | 40        |
| 60 | Does obesity affect outcomes in patients undergoing esophagectomy for cancer? A meta-analysis. <i>World Journal of Surgery</i> , <b>2012</b> , 36, 1785-95   | 3.3  | 38        |

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|----|---|-----|----|
| 59 | Trends in Immediate Postmastectomy Breast Reconstruction in the United Kingdom. <i>Plastic and Reconstructive Surgery - Global Open</i> , <b>2015</b> , 3, e507   | 1.2 | 34 |
| 58 | Evidence-based choice of esophageal stent for the palliative management of malignant dysphagia. <i>World Journal of Surgery</i> , <b>2008</b> , 32, 1996-2009   | 3.3 | 34 |
| 57 | 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> , <b>2018</b> , 100, 565-573 | 4   | 34 |
| 56 | Artificial chordae for degenerative mitral valve disease: critical analysis of current techniques. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2012</b> , 15, 1019-32   | 1.8 | 33 |
| 55 | Cost effectiveness analysis of minimally invasive internal thoracic artery bypass versus percutaneous revascularisation for isolated lesions of the left anterior descending artery. <i>BMJ, The</i> , <b>2007</b> , 334, 621   | 5.9 | 29 |
| 54 | Off-pump versus on-pump coronary revascularization: meta-analysis of mid- and long-term outcomes. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 563-72  | 2.7 | 25 |
| 53 | Is minimally invasive harvesting of the great saphenous vein for coronary artery bypass surgery a cost-effective technique?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2008</b> , 135, 809-15  | 1.5 | 25 |
| 52 | Dose escalation using contact X-ray brachytherapy (Papillon) for rectal cancer: does it improve the chance of organ preservation?. <i>British Journal of Radiology</i> , <b>2017</b> , 90, 20170175   | 3.4 | 23 |
| 51 | The march of pluripotent stem cells in cardiovascular regenerative medicine. <i>Stem Cell Research and Therapy</i> , <b>2018</b> , 9, 201   | 8.3 | 19 |
| 50 | Off-pump coronary artery bypass surgery may reduce the incidence of stroke in patients with significant left main stem disease. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2008</b> , 56, 247-55   | 1.6 | 19 |
| 49 | Bilateral femoral neck fractures in an adult male following minimal trauma after a simple mechanical fall: a case report. <i>Cases Journal</i> , <b>2009</b> , 2, 92  |     | 17 |
| 48 | Avoiding Radical Surgery in Elderly Patients With Rectal Cancer Is Cost-Effective. <i>Diseases of the Colon and Rectum</i> , <b>2017</b> , 60, 30-42  | 3.1 | 16 |
| 47 | 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. <i>Thorax</i> , <b>2012</b> , 67, 526-32  | 7.3 | 16 |
| 46 | Mechanical unloading and cell therapy have a synergistic role in the recovery and regeneration of the failing heart. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2012</b> , 42, 312-8   | 3   | 16 |
| 45 | Does previous percutaneous coronary stenting compromise the long-term efficacy of subsequent coronary artery bypass surgery? A microsimulation study. <i>Annals of Thoracic Surgery</i> , <b>2008</b> , 85, 501-7   | 2.7 | 16 |
| 44 | Outcomes of mitral valve repair using artificial chordae. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2014</b> , 45, 593-601  | 3   | 15 |
| 43 | Heterotopic abdominal heart transplantation in rats for functional studies of ventricular unloading. <i>Journal of Surgical Research</i> , <b>2013</b> , 179, e31-9   | 2.5 | 13 |
| 42 | Meta-analysis of organ damage after conversion from off-pump coronary artery bypass procedures. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 92, 755-61  | 2.7 | 13 |

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|----|---|-----|----|
| 41 | Statin therapy may influence the incidence of postoperative atrial fibrillation: what is the evidence?. <i>Texas Heart Institute Journal</i> , <b>2009</b> , 36, 521-9  | 0.8 | 13 |
| 40 | Does patent foramen ovale closure have an anti-arrhythmic effect? A meta-analysis. <i>International Journal of Cardiology</i> , <b>2011</b> , 153, 4-9  | 3.2 | 12 |
| 39 | Benchmarking in surgical research. <i>Lancet, The</i> , <b>2009</b> , 374, 1045-7   | 4.0 | 12 |
| 38 | 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> , <b>2008</b> , 3, 17  | 1.6 | 12 |
| 37 | 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?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2014</b> , 19, 149-59 | 1.8 | 11 |
| 36 | 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> , <b>2011</b> , 12, 218-27   | 1.8 | 11 |
| 35 | Mitral valve repair or replacement for ischaemic mitral regurgitation: a systematic review. <i>Heart Lung and Circulation</i> , <b>2011</b> , 20, 555-65  | 1.8 | 10 |
| 34 | Does re-operation have an effect on outcome following heart transplantation?. <i>Heart Lung and Circulation</i> , <b>2007</b> , 16, 93-102  | 1.8 | 10 |
| 33 | How can cardiothoracic and vascular medical devices stay in the market?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2016</b> , 23, 940-948   | 1.8 | 9  |
| 32 | Economic analysis of esophageal stenting for management of malignant dysphagia. <i>Ecological Management and Restoration</i> , <b>2009</b> , 22, 337-47   | 3   | 9  |
| 31 | Behavioural interventions for smoking cessation in patients hospitalised for a major cardiovascular event. <i>International Journal of Cardiology</i> , <b>2009</b> , 137, 171-4  | 3.2 | 8  |
| 30 | 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> , <b>2009</b> , 52, E137-45     | 2   | 8  |
| 29 | A systematic review of the safety and efficacy of distal coronary artery anastomotic devices. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2016</b> , 49, 732-45   | 3   | 7  |
| 28 | Surgical management of morbid obesity. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , <b>2008</b> , 69, 95-100   | 0.8 | 7  |
| 27 | Translation to success of surgical innovation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2010</b> , 37, 613-25  | 3.5 | 6  |
| 26 | Leadership in cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2011</b> , 39, 905-11  | 3   | 5  |
| 25 | Axillary artery to left anterior descending coronary artery bypass with an externally stented graft: a technical report. <i>Journal of Cardiothoracic Surgery</i> , <b>2008</b> , 3, 6  | 1.6 | 4  |
| 24 | Safety of training and assessment in operating theatres--a systematic review and meta-analysis. <i>Perfusion (United Kingdom)</i> , <b>2013</b> , 28, 76-87   | 1.9 | 3  |

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|----|--|-----|---|
| 23 | Graphs in Statistical Analysis <b>2010</b> , 441-475   |     | 3 |
| 22 | Meta-analysis covers the horizon when the literature search is undertaken through a keyhole. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2010</b> , 139, 1669-70; author reply 1670-1 | 1.5 | 3 |
| 21 | Tissue engineering techniques in cardiac repair and disease modelling. <i>Current Pharmaceutical Design</i> , <b>2014</b> , 20, 2048-56  | 3.3 | 3 |
| 20 | The potential impact of local excision for T1 colonic cancer in elderly and comorbid populations: a decision analysis. <i>Gastrointestinal Endoscopy</i> , <b>2016</b> , 84, 986-994                 | 5.2 | 3 |
| 19 | Follow up colonoscopy may be omissible in uncomplicated left-sided acute diverticulitis diagnosed with CT- a retrospective cohort study. <i>Scientific Reports</i> , <b>2019</b> , 9, 20127          | 4.9 | 3 |
| 18 | A rare case of suture material obstructing the closure mechanism of a prosthetic aortic valve: a case report. <i>Cases Journal</i> , <b>2009</b> , 2, 9126   |     | 2 |
| 17 | Too much benchmarking [AuthorsReply]. <i>Lancet, The</i> , <b>2009</b> , 374, 1963   | 4.0 | 2 |
| 16 | A cohort study of duplicate faecal immunochemical testing in patients at risk of colorectal cancer from North-West England.. <i>BMJ Open</i> , <b>2022</b> , 12, e059940                             | 3   | 2 |
| 15 | Decision Analysis <b>2010</b> , 399-409  |     | 1 |
| 14 | Value of Information Analysis <b>2010</b> , 421-428  |     | 1 |
| 13 | How to Write a Book Proposal <b>2010</b> , 611-614   |     | 1 |
| 12 | The Tipping Point of Robotic Surgery In Healthcare: From Master-Slave to Flexible Access Bio-Inspired Platforms. <i>Surgical Technology International</i> , <b>2011</b> , 21, 28-34                  | 0.8 | 1 |
| 11 | Reply to Ghosh et al.. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2008</b> , 34, 467-467  | 3   | 0 |
| 10 | Combined sterno-clavicular approach as an alternative technique in hybrid exclusion of aortic arch aneurysm. <i>Journal of Cardiothoracic Surgery</i> , <b>2007</b> , 2, 36                          | 1.6 | 0 |
| 9  | In Reply to Habr-Gama et al. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2018</b> , 101, 743-744   |     | 4 |
| 8  | A Practical Example of Cost-Effectiveness Analysis <b>2011</b> , 269-291   |     |   |
| 7  | Phenotype and Developmental Potential of Cardiomyocytes from Induced Pluripotent Stem Cells and Human Embryonic Stem Cells <b>2011</b> , 217-238   |     |   |
| 6  | The NHS and Private Healthcare <b>2017</b> , 389-395   |     |   |

5 Cost-Effectiveness Analysis **2010**, 411-420

4 Practical Examples of the Application of Decision Analysis in Healthcare **2011**, 221-267

3 An Introduction to Cost-Effectiveness Analysis **2011**, 141-153

2 An Introduction to Decision Analysis **2011**, 127-140

1 Re: Evaluating the incidence of pathological complete response in current international rectal cancer practice: the barriers to widespread safe deferral of surgery. *Colorectal Disease*, **2019**, 21, 119-120<sup>2,1</sup>