# Sonya V Babu-Narayan

List of Publications by Year
in descending order



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|---|---|---|---|
| 89 papers | 5,758 citations | 147801 31 h-index | 76900 74 g-index |
| 95 all docs | 95 docs citations | 95 times ranked | 4289 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 2020 ESC Guidelines for the management of adult congenital heart disease. European Heart Journal, 2021, 42, 563-645. | 2.2 | 971 |
| 2 | Exercise Intolerance in Adult Congenital Heart Disease. Circulation, 2005, 112, 828-835. | 1.6 | 742 |
| 3 | Ventricular Fibrosis Suggested by Cardiovascular Magnetic Resonance in Adults With Repaired Tetralogy of Fallot and Its Relationship to Adverse Markers of Clinical Outcome. Circulation, 2006, 113, 405-413. | 1.6 | 536 |
| 4 | Survival Prospects and Circumstances of Death in Contemporary Adult Congenital Heart Disease Patients Under Follow-Up at a Large Tertiary Centre. Circulation, 2015, 132, 2118-2125. | 1.6 | 471 |
| 5 | Contemporary predictors of death and sustained ventricular tachycardia in patients with repaired tetralogy of Fallot enrolled in the INDICATOR cohort. Heart, 2014, 100, 247-253. | 2.9 | 385 |
| 6 | Late Gadolinium Enhancement Cardiovascular Magnetic Resonance of the Systemic Right Ventricle in Adults With Previous Atrial Redirection Surgery for Transposition of the Great Arteries. Circulation, 2005, 111, 2091-2098. | 1.6 | 260 |
| 7 | Clinical Outcomes of Surgical Pulmonary Valve Replacement After Repair of Tetralogy of Fallot and Potential Prognostic Value of Preoperative Cardiopulmonary Exercise Testing. Circulation, 2014, 129, 18-27. | 1.6 | 151 |
| 8 | Machine learning algorithms estimating prognosis and guiding therapy in adult congenital heart disease: data from a single tertiary centre including 10â€‰019 patients. European Heart Journal, 2019, 40, 1069-1077. | 2.2 | 142 |
| 9 | Preoperative Predictors of Death and Sustained Ventricular Tachycardia After Pulmonary Valve Replacement in Patients With Repaired Tetralogy of Fallot Enrolled in the INDICATOR Cohort. Circulation, 2018, 138, 2106-2115. | 1.6 | 136 |
| 10 | Right Ventricular Mechanics and QRS Duration in Patients With Repaired Tetralogy of Fallot. Circulation, 2007, 116, 1532-1539. | 1.6 | 123 |
| 11 | Tetralogy of Fallot: from fetus to adult. Heart, 2006, 92, 1353-1359. | 2.9 | 102 |
| 12 | Randomised trial of ramipril in repaired tetralogy of Fallot and pulmonary regurgitation. International Journal of Cardiology, 2012, 154, 299-305. | 1.7 | 99 |
| 13 | Immediate and Midterm Cardiac Remodeling After Surgical Pulmonary Valve Replacement in Adults With Repaired Tetralogy of Fallot. Circulation, 2017, 136, 1703-1713. | 1.6 | 84 |
| 14 | Determinants of outpatient clinic attendance amongst adults with congenital heart disease and outcome. International Journal of Cardiology, 2016, 203, 245-250. | 1.7 | 75 |
| 15 | Systemic Right Ventricular Fibrosis Detected by Cardiovascular Magnetic Resonance Is Associated With Clinical Outcome, Mainly New-Onset Atrial Arrhythmia, in Patients After Atrial Redirection Surgery for Transposition of the Great Arteries. Circulation: Cardiovascular Imaging, 2015, 8, . | 2.6 | 74 |
| 16 | Effect of pregnancy on clinical status and ventricular function in women with heart disease. International Journal of Cardiology, 2010, 139, 50-59. | 1.7 | 73 |
| 17 | Remote-Controlled Magnetic Navigation and Ablation With 3D Image Integration as an Alternative Approach in Patients With Intra-Atrial Baffle Anatomy. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 131-139. | 4.8 | 69 |
| 18 | Imaging of congenital heart disease in adults. European Heart Journal, 2016, 37, 1182-1195. | 2.2 | 68 |

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|---|---|---|---|
| 19 | Pulmonary regurgitation: The effects of varying pulmonary artery compliance, and of increased resistance proximal or distal to the compliance. International Journal of Cardiology, 2009, 133, 157-166. | 1.7 | 62 |
| 20 | Right atrial area and right ventricular outflow tract akinetic length predict sustained tachyarrhythmia in repaired tetralogy of Fallot. International Journal of Cardiology, 2013, 168, 3280-3286. | 1.7 | 59 |
| 21 | Utility of machine learning algorithms in assessing patients with a systemic right ventricle. European Heart Journal Cardiovascular Imaging, 2019, 20, 925-931. | 1.2 | 56 |
| 22 | Physiological differences between various types of Eisenmenger syndrome and relation to outcome. International Journal of Cardiology, 2015, 179, 455-460. | 1.7 | 55 |
| 23 | The effects of breath-holding on pulmonary regurgitation measured by cardiovascular magnetic resonance velocity mapping. Journal of Cardiovascular Magnetic Resonance, 2009, 11, 1. | 3.3 | 49 |
| 24 | Consensus recommendations for echocardiography in adults with congenital heart defects from the International Society of Adult Congenital Heart Disease (ISACHD). International Journal of Cardiology, 2018, 272, 77-83. | 1.7 | 49 |
| 25 | Clinical course and potential complications of small ventricular septal defects in adulthood: Late development of left ventricular dysfunction justifies lifelong care. International Journal of Cardiology, 2016, 208, 102-106. | 1.7 | 47 |
| 26 | Myocardial Architecture, Mechanics, and Fibrosis in Congenital Heart Disease. Frontiers in Cardiovascular Medicine, 2017, 4, 30. | 2.4 | 42 |
| 27 | Depression requiring anti-depressant drug therapy in adult congenital heart disease: prevalence, risk factors, and prognostic value. European Heart Journal, 2016, 37, 771-782. | 2.2 | 37 |
| 28 | Predicting Survival in Repaired Tetralogy of Fallot. JACC: Cardiovascular Imaging, 2022, 15, 257-268. | 5.3 | 37 |
| 29 | Improved respiratory efficiency of 3D late gadolinium enhancement imaging using the continuously adaptive windowing strategy (CLAWS). Magnetic Resonance in Medicine, 2014, 71, 1064-1074. | 3.0 | 36 |
| 30 | A cohort study of women with a Fontan circulation undergoing preconception counselling. Heart, 2016, 102, 534-540. | 2.9 | 36 |
| 31 | Neurohormonal activation and its relation to outcomes late after repair of tetralogy of Fallot. Heart, 2015, 101, 447-454. | 2.9 | 34 |
| 32 | Acceptance and psychological impact of implantable defibrillators amongst adults with congenital heart disease. International Journal of Cardiology, 2015, 181, 218-224. | 1.7 | 33 |
| 33 | Impaired Right, Left, or Biventricular Function and Resting Oxygen Saturation Are Associated With Mortality in Eisenmenger Syndrome. Circulation: Cardiovascular Imaging, 2015, 8, . | 2.6 | 32 |
| 34 | Long-term mortality and cardiovascular burden for adult survivors of coarctation of the aorta. Heart, 2019, 105, heartjnl-2018-314257. | 2.9 | 30 |
| 35 | Major adverse events and atrial tachycardia in Ebsteinâ€™s anomaly predicted by cardiovascular magnetic resonance. Heart, 2018, 104, 37-44. | 2.9 | 26 |
| 36 | Myocarditis and Sudden Cardiac Death in the Young. Circulation, 2007, 116, e122-5. | 1.6 | 25 |

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|---|---|---|---|
| 37 | Contemporary cardiac surgery for adults with congenital heart disease. Heart, 2017, 103, 1194-1202. | 2.9 | 25 |
| 38 | Three-Dimensional Late Gadolinium Enhancement Cardiovascular Magnetic Resonance Predicts Inducibility of Ventricular Tachycardia in Adults With Repaired Tetralogy of Fallot. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008321. | 4.8 | 25 |
| 39 | 3-dimensional time-resolved contrast-enhanced magnetic resonance angiography for evaluation late after the Mustard operation for transposition. Cardiology in the Young, 2010, 20, 1-7. | 0.8 | 23 |
| 40 | Evaluation of the relationship between ventricular end-diastolic pressure and echocardiographic measures of diastolic function in adults with a Fontan circulation. International Journal of Cardiology, 2018, 259, 71-75. | 1.7 | 22 |
| 41 | Denoising and artefact removal for transthoracic echocardiographic imaging in congenital heart disease: utility of diagnosis specific deep learning algorithms. International Journal of Cardiovascular Imaging, 2019, 35, 2189-2196. | 1.5 | 22 |
| 42 | Dyssynchrony and electromechanical delay are associated with focal fibrosis in the systemic right ventricle â€" Insights from echocardiography. International Journal of Cardiology, 2016, 220, 382-388. | 1.7 | 20 |
| 43 | Enhanced Assessment of Perioperative Mortality Risk in Adults With Congenital Heart Disease. Journal of the American College of Cardiology, 2021, 78, 234-242. | 2.8 | 20 |
| 44 | Magnetic resonance imaging phantoms for quality-control of myocardial T1 and ECV mapping: specific formulation, long-term stability and variation with heart rate and temperature. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 62. | 3.3 | 18 |
| 45 | Effect of Pregnancy on Ventricular and Aortic Dimensions in Repaired Tetralogy of Fallot. Journal of the American Heart Association, 2017, 6, . | 3.7 | 18 |
| 46 | Systolic dysfunction of the subpulmonary left ventricle is associated with the severity of heart failure in patients with a systemic right ventricle. International Journal of Cardiology, 2021, 324, 66-71. | 1.7 | 18 |
| 47 | Dynamic inversion time for improved 3D late gadolinium enhancement imaging in patients with atrial fibrillation. Magnetic Resonance in Medicine, 2015, 73, 646-654. | 3.0 | 17 |
| 48 | Early and Late Effects of Cardiac Resynchronization Therapy in Adult Congenital Heart Disease. Journal of the American Heart Association, 2019, 8, e012744. | 3.7 | 17 |
| 49 | Ramipril and left ventricular diastolic function in stable patients with pulmonary regurgitation after repair of tetralogy of Fallot. International Journal of Cardiology, 2018, 272, 64-69. | 1.7 | 14 |
| 50 | Cardiovascular changes after transcatheter endovascular stenting of adult aortic coarctation. International Journal of Cardiology, 2011, 149, 157-163. | 1.7 | 13 |
| 51 | Non-invasive imaging in adult congenital heart disease using cardiovascular magnetic resonance. Journal of Cardiovascular Medicine, 2007, 8, 23-29. | 1.5 | 12 |
| 52 | 2020 ESC Guidelines for the management of adult congenital heart disease. Revista Espanola De Cardiologia (English Ed ), 2021, 74, 436. | 0.6 | 12 |
| 53 | The outcome of adults born with pulmonary atresia: High morbidity and mortality irrespective of repair. International Journal of Cardiology, 2019, 280, 61-66. | 1.7 | 11 |
| 54 | Tricuspid regurgitation severity after atrial septal defect closure or pulmonic valve replacement. Heart, 2020, 106, 455-461. | 2.9 | 11 |

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|---|---|---|---|
| 55 | Effect of medical treatment on heart failure incidence in patients with a systemic right ventricle. Heart, 2021, 107, 1384-1389. | 2.9 | 11 |
| 56 | Combined heartâ€“liver transplantation for failing Fontan circulation in a late survivor with singleâ€ventricle physiology. ESC Heart Failure, 2017, 4, 675-678. | 3.1 | 10 |
| 57 | Imaging the adult with simple shunt lesions: position paper from the EACVI and the ESC WG on ACHD. Endorsed by AEPC (Association for European Paediatric and Congenital Cardiology). European Heart Journal Cardiovascular Imaging, 2021, 22, e58-e70. | 1.2 | 10 |
| 58 | Myocardial Function Following Repair of Anomalous Origin of Left Coronary Artery from the Pulmonary Artery in Children. Journal of the American Society of Echocardiography, 2020, 33, 622-630. | 2.8 | 9 |
| 59 | Clinical Significance of Partial Anomalous Pulmonary Venous Connections (Isolated and Atrial Septal) Tj ETQq1 1 0.784314 rgBT /Overlo Imaging, 2021, 14, e012371. | 2.6 | 9 |
| 60 | The role of late gadolinium enhancement cardiovascular magnetic resonance in the assessment of congenital and acquired heart disease. Progress in Pediatric Cardiology, 2010, 28, 11-19. | 0.4 | 8 |
| 61 | Consultant staffing in UK congenital cardiac services: a 10-year survey of leavers and joiners. Open Heart, 2021, 8, e001723. | 2.3 | 8 |
| 62 | When to order cardiovascular magnetic resonance in adults with congenital heart disease. Current Cardiology Reports, 2003, 5, 324-330. | 2.9 | 7 |
| 63 | Deep learning in congenital heart disease imaging: hope but not haste. Heart, 2020, 106, 960-961. | 2.9 | 7 |
| 64 | Remote Navigation for Complex Arrhythmia. Arrhythmia and Electrophysiology Review, 2013, 2, 53. | 2.4 | 7 |
| 65 | Management of adults with operated tetralogy of fallot. Current Treatment Options in Cardiovascular Medicine, 2003, 5, 389-398. | 0.9 | 6 |
| 66 | Catheter ablation for patients with end-stage complex congenital heart disease or cardiomyopathy considered for transplantation: Trials and tribulations. International Journal of Cardiology, 2020, 301, 127-134. | 1.7 | 6 |
| 67 | Severe Mitral Annular Calcification: Insights from Multimodality Imaging. Texas Heart Institute Journal, 2014, 41, 245-247. | 0.3 | 4 |
| 68 | Fast Fully Automatic Segmentation of the Severely Abnormal Human Right Ventricle from Cardiovascular Magnetic Resonance Images Using a Multi-Scale 3D Convolutional Neural Network. , 2016, , . | | 4 |
| 69 | Giant aneurysms of the coronary arteries due to Kawasaki disease â€“ regular review without radiation using cardiovascular magnetic resonance. Cardiology in the Young, 2006, 16, 511-512. | 0.8 | 3 |
| 70 | Pulmonary Hypertension in Congenital Heart Disease. , 2014, , 553-572. | | 3 |
| 71 | Familial Recurrence Patterns in Congenitally Corrected Transposition of the Great Arteries: An International Study. Circulation Genomic and Precision Medicine, 2022, 15, 101161CIRCGEN121003464. | 3.6 | 3 |
| 72 | Repair of tetralogy of Fallotâ€”how much can we achieve with a single operation?. European Journal of Cardio-thoracic Surgery, 2015, 47, 535-536. | 1.4 | 2 |

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|---|---|---|---|
| 73 | Women in cardiology: no progress in the pace of change. Heart, 2021, 107, 860-861. | 2.9 | 2 |
| 74 | Assessment of pulmonary regurgitation in adults with surgical repair of tetralogy of Fallot. Cardiology in the Young, 2006, 16, 606-607. | 0.8 | 1 |
| 75 | Tailoring counselling after pulmonary valve surgery in repaired tetralogy of Fallot. Heart, 2015, 101, 1695-1696. | 2.9 | 1 |
| 76 | YI-3â€…Early cardiac remodelling after pulmonary valve replacement in patients with repaired tetralogy of fallot. Heart, 2016, 102, A26-A26. | 2.9 | 1 |
| 77 | Patent foramen ovale after cryptogenic stroke: When is it justifiable to close it?. International Journal of Cardiology, 2018, 266, 81-82. | 1.7 | 1 |
| 78 | Repaired Tetralogy of Fallot. , 2014, , 199-224. | | 1 |
| 79 | Heartache in adolescence â€“ non-invasive tissue characterization with cardiovascular magnetic resonance. Cardiology in the Young, 2006, 16, 604-605. | 0.8 | 0 |
| 80 | Emerging Roles for Cardiovascular Magnetic Resonance in Adult Congenital Heart Disease Electrophysiology. , 2012, , 303-320. | | 0 |
| 81 | The utility of free-breathing, motion-corrected late gadolinium enhancement for right ventricular fibrosis imaging in congenital heart disease. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P221. | 3.3 | 0 |
| 82 | P5â€…Aortic dilatation in repaired tetralogy of fallot: Features, determinants and progression. Heart, 2016, 102, A2.2-A3. | 2.9 | 0 |
| 83 | YI-5â€…Mortality and VT in ebsteinâ€™s anomaly of the tricuspid valve: A prospective cardiovascular magnetic resonance study. Heart, 2016, 102, A27.2-A27. | 2.9 | 0 |
| 84 | Cardiovascular Magnetic Resonance. , 2018, , 88-100. | | 0 |
| 85 | 9â€…ECV and T1 mapping in repaired tetralogy of fallot â€“ CMR diffuse fibrosis measurement needs the right method for the right ventricle?. , 2018, , . | | 0 |
| 86 | Response by Heng et al to Letter Regarding Article, â€œImmediate and Midterm Cardiac Remodeling After Surgical Pulmonary Valve Replacement in Adults With Repaired Tetralogy of Fallot: A Prospective Cardiovascular Magnetic Resonance and Clinical Studyâ€• Circulation, 2018, 137, 2186-2187. | 1.6 | 0 |
| 87 | Is cardiovascular magnetic resonance measurement of diffuse fibrosis ready for clinical use in the systemic RV?. International Journal of Cardiology, 2018, 271, 66-67. | 1.7 | 0 |
| 88 | Restrictive ventricular septal defect resulting in systemic outflow obstruction in adults with Fontan circulation. Journal of Cardiovascular Medicine, 2020, 21, 276-279. | 1.5 | 0 |
| 89 | Abstract 13767: Cardiac MRI Predictors of Good Long-term Outcomes in Patients With Repaired TOF. Circulation, 2020, 142, . | 1.6 | 0 |