

Sonya V Babu-Narayan

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

5,758
citations

147801

31
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76900

74
g-index

95
all docs

95
docs citations

95
times ranked

4289
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting Survival in Repaired Tetralogy of Fallot. JACC: Cardiovascular Imaging, 2022, 15, 257-268.	5.3	37
2	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
3	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
4	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
5	2020 ESC Guidelines for the management of adult congenital heart disease. European Heart Journal, 2021, 42, 563-645.	2.2	971
6	Women in cardiology: no progress in the pace of change. Heart, 2021, 107, 860-861.	2.9	2
7	Effect of medical treatment on heart failure incidence in patients with a systemic right ventricle. Heart, 2021, 107, 1384-1389.	2.9	11
8	2020 ESC Guidelines for the management of adult congenital heart disease. Revista Espanola De Cardiologia (English Ed), 2021, 74, 436.	0.6	12
9	Consultant staffing in UK congenital cardiac services: a 10-year survey of leavers and joiners. Open Heart, 2021, 8, e001723.	2.3	8
10	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
11	Clinical Significance of Partial Anomalous Pulmonary Venous Connections (Isolated and Atrial Septal) Tj ETQq1 1 0.784314 rgBT /Ove Imaging, 2021, 14, e012371.	2.6	9
12	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
13	Tricuspid regurgitation severity after atrial septal defect closure or pulmonic valve replacement. Heart, 2020, 106, 455-461.	2.9	11
14	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
15	Deep learning in congenital heart disease imaging: hope but not haste. Heart, 2020, 106, 960-961.	2.9	7
16	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
17	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
18	Abstract 13767: Cardiac MRI Predictors of Good Long-term Outcomes in Patients With Repaired TOF. Circulation, 2020, 142, .	1.6	0

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19	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
20	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
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	Machine learning algorithms estimating prognosis and guiding therapy in adult congenital heart disease: data from a single tertiary centre including 10% patients. European Heart Journal, 2019, 40, 1069-1077.	2.2	142
23	Long-term mortality and cardiovascular burden for adult survivors of coarctation of the aorta. Heart, 2019, 105, heartjnl-2018-314257.	2.9	30
24	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
25	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
26	Major adverse events and atrial tachycardia in Ebstein's anomaly predicted by cardiovascular magnetic resonance. Heart, 2018, 104, 37-44.	2.9	26
27	Cardiovascular Magnetic Resonance. , 2018, , 88-100.		0
28	ECV and T1 mapping in repaired tetralogy of fallot – CMR diffuse fibrosis measurement needs the right method for the right ventricle?. , 2018, , .		0
29	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
30	Response by Heng et al to Letter Regarding Article, "Immediate and Midterm Cardiac Remodeling After Surgical Pulmonary Valve Replacement in Adults With Repaired Tetralogy of Fallot: A Prospective Cardiovascular Magnetic Resonance and Clinical Study". Circulation, 2018, 137, 2186-2187.	1.6	0
31	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
32	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
33	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
34	Patent foramen ovale after cryptogenic stroke: When is it justifiable to close it?. International Journal of Cardiology, 2018, 266, 81-82.	1.7	1
35	Contemporary cardiac surgery for adults with congenital heart disease. Heart, 2017, 103, 1194-1202.	2.9	25
36	Effect of Pregnancy on Ventricular and Aortic Dimensions in Repaired Tetralogy of Fallot. Journal of the American Heart Association, 2017, 6, .	3.7	18

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37	Immediate and Midterm Cardiac Remodeling After Surgical Pulmonary Valve Replacement in Adults With Repaired Tetralogy of Fallot. <i>Circulation</i> , 2017, 136, 1703-1713.	1.6	84
38	Combined heart-liver transplantation for failing Fontan circulation in a late survivor with single-ventricle physiology. <i>ESC Heart Failure</i> , 2017, 4, 675-678.	3.1	10
39	Myocardial Architecture, Mechanics, and Fibrosis in Congenital Heart Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 30.	2.4	42
40	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
41	A cohort study of women with a Fontan circulation undergoing preconception counselling. <i>Heart</i> , 2016, 102, 534-540.	2.9	36
42	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. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 62.	3.3	18
43	Determinants of outpatient clinic attendance amongst adults with congenital heart disease and outcome. <i>International Journal of Cardiology</i> , 2016, 203, 245-250.	1.7	75
44	Dyssynchrony and electromechanical delay are associated with focal fibrosis in the systemic right ventricle - Insights from echocardiography. <i>International Journal of Cardiology</i> , 2016, 220, 382-388.	1.7	20
45	P5...Aortic dilatation in repaired tetralogy of fallot: Features, determinants and progression. <i>Heart</i> , 2016, 102, A2.2-A3.	2.9	0
46	YI-3...Early cardiac remodelling after pulmonary valve replacement in patients with repaired tetralogy of fallot. <i>Heart</i> , 2016, 102, A26-A26.	2.9	1
47	YI-5...Mortality and VT in ebstein's anomaly of the tricuspid valve: A prospective cardiovascular magnetic resonance study. <i>Heart</i> , 2016, 102, A27.2-A27.	2.9	0
48	Clinical course and potential complications of small ventricular septal defects in adulthood: Late development of left ventricular dysfunction justifies lifelong care. <i>International Journal of Cardiology</i> , 2016, 208, 102-106.	1.7	47
49	Imaging of congenital heart disease in adults. <i>European Heart Journal</i> , 2016, 37, 1182-1195.	2.2	68
50	Depression requiring anti-depressant drug therapy in adult congenital heart disease: prevalence, risk factors, and prognostic value. <i>European Heart Journal</i> , 2016, 37, 771-782.	2.2	37
51	Dynamic inversion time for improved 3D late gadolinium enhancement imaging in patients with atrial fibrillation. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 646-654.	3.0	17
52	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. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	74
53	Survival Prospects and Circumstances of Death in Contemporary Adult Congenital Heart Disease Patients Under Follow-Up at a Large Tertiary Centre. <i>Circulation</i> , 2015, 132, 2118-2125.	1.6	471
54	Tailoring counselling after pulmonary valve surgery in repaired tetralogy of Fallot. <i>Heart</i> , 2015, 101, 1695-1696.	2.9	1

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55	Impaired Right, Left, or Biventricular Function and Resting Oxygen Saturation Are Associated With Mortality in Eisenmenger Syndrome. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	32
56	Physiological differences between various types of Eisenmenger syndrome and relation to outcome. <i>International Journal of Cardiology</i> , 2015, 179, 455-460.	1.7	55
57	Neurohormonal activation and its relation to outcomes late after repair of tetralogy of Fallot. <i>Heart</i> , 2015, 101, 447-454.	2.9	34
58	The utility of free-breathing, motion-corrected late gadolinium enhancement for right ventricular fibrosis imaging in congenital heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P221.	3.3	0
59	Acceptance and psychological impact of implantable defibrillators amongst adults with congenital heart disease. <i>International Journal of Cardiology</i> , 2015, 181, 218-224.	1.7	33
60	Repair of tetralogy of Fallot—how much can we achieve with a single operation?. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 535-536.	1.4	2
61	Severe Mitral Annular Calcification: Insights from Multimodality Imaging. <i>Texas Heart Institute Journal</i> , 2014, 41, 245-247.	0.3	4
62	Contemporary predictors of death and sustained ventricular tachycardia in patients with repaired tetralogy of Fallot enrolled in the INDICATOR cohort. <i>Heart</i> , 2014, 100, 247-253.	2.9	385
63	Clinical Outcomes of Surgical Pulmonary Valve Replacement After Repair of Tetralogy of Fallot and Potential Prognostic Value of Preoperative Cardiopulmonary Exercise Testing. <i>Circulation</i> , 2014, 129, 18-27.	1.6	151
64	Improved respiratory efficiency of 3D late gadolinium enhancement imaging using the continuously adaptive windowing strategy (CLAWS). <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1064-1074.	3.0	36
65	Pulmonary Hypertension in Congenital Heart Disease. , 2014, , 553-572.		3
66	Repaired Tetralogy of Fallot. , 2014, , 199-224.		1
67	Right atrial area and right ventricular outflow tract akinetic length predict sustained tachyarrhythmia in repaired tetralogy of Fallot. <i>International Journal of Cardiology</i> , 2013, 168, 3280-3286.	1.7	59
68	Remote Navigation for Complex Arrhythmia. <i>Arrhythmia and Electrophysiology Review</i> , 2013, 2, 53.	2.4	7
69	Remote-Controlled Magnetic Navigation and Ablation With 3D Image Integration as an Alternative Approach in Patients With Intra-Atrial Baffle Anatomy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 131-139.	4.8	69
70	Emerging Roles for Cardiovascular Magnetic Resonance in Adult Congenital Heart Disease <i>Electrophysiology</i> . , 2012, , 303-320.		0
71	Randomised trial of ramipril in repaired tetralogy of Fallot and pulmonary regurgitation. <i>International Journal of Cardiology</i> , 2012, 154, 299-305.	1.7	99
72	Cardiovascular changes after transcatheter endovascular stenting of adult aortic coarctation. <i>International Journal of Cardiology</i> , 2011, 149, 157-163.	1.7	13

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73	The role of late gadolinium enhancement cardiovascular magnetic resonance in the assessment of congenital and acquired heart disease. <i>Progress in Pediatric Cardiology</i> , 2010, 28, 11-19.	0.4	8
74	3-dimensional time-resolved contrast-enhanced magnetic resonance angiography for evaluation late after the Mustard operation for transposition. <i>Cardiology in the Young</i> , 2010, 20, 1-7.	0.8	23
75	Effect of pregnancy on clinical status and ventricular function in women with heart disease. <i>International Journal of Cardiology</i> , 2010, 139, 50-59.	1.7	73
76	The effects of breath-holding on pulmonary regurgitation measured by cardiovascular magnetic resonance velocity mapping. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, 1.	3.3	49
77	Pulmonary regurgitation: The effects of varying pulmonary artery compliance, and of increased resistance proximal or distal to the compliance. <i>International Journal of Cardiology</i> , 2009, 133, 157-166.	1.7	62
78	Right Ventricular Mechanics and QRS Duration in Patients With Repaired Tetralogy of Fallot. <i>Circulation</i> , 2007, 116, 1532-1539.	1.6	123
79	Myocarditis and Sudden Cardiac Death in the Young. <i>Circulation</i> , 2007, 116, e122-5.	1.6	25
80	Non-invasive imaging in adult congenital heart disease using cardiovascular magnetic resonance. <i>Journal of Cardiovascular Medicine</i> , 2007, 8, 23-29.	1.5	12
81	Tetralogy of Fallot: from fetus to adult. <i>Heart</i> , 2006, 92, 1353-1359.	2.9	102
82	Giant aneurysms of the coronary arteries due to Kawasaki disease – regular review without radiation using cardiovascular magnetic resonance. <i>Cardiology in the Young</i> , 2006, 16, 511-512.	0.8	3
83	Assessment of pulmonary regurgitation in adults with surgical repair of tetralogy of Fallot. <i>Cardiology in the Young</i> , 2006, 16, 606-607.	0.8	1
84	Heartache in adolescence – non-invasive tissue characterization with cardiovascular magnetic resonance. <i>Cardiology in the Young</i> , 2006, 16, 604-605.	0.8	0
85	Ventricular Fibrosis Suggested by Cardiovascular Magnetic Resonance in Adults With Repaired Tetralogy of Fallot and Its Relationship to Adverse Markers of Clinical Outcome. <i>Circulation</i> , 2006, 113, 405-413.	1.6	536
86	Exercise Intolerance in Adult Congenital Heart Disease. <i>Circulation</i> , 2005, 112, 828-835.	1.6	742
87	Late Gadolinium Enhancement Cardiovascular Magnetic Resonance of the Systemic Right Ventricle in Adults With Previous Atrial Redirection Surgery for Transposition of the Great Arteries. <i>Circulation</i> , 2005, 111, 2091-2098.	1.6	260
88	Management of adults with operated tetralogy of fallot. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2003, 5, 389-398.	0.9	6
89	When to order cardiovascular magnetic resonance in adults with congenital heart disease. <i>Current Cardiology Reports</i> , 2003, 5, 324-330.	2.9	7