

# Ashwin Prakash

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

4,338  
citations

236925

25  
h-index

168389

53  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4881  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuberous Sclerosis Complex Diagnostic Criteria Update: Recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. <i>Pediatric Neurology</i> , 2013, 49, 243-254.	2.1	1,185
2	Tuberous Sclerosis Complex Surveillance and Management: Recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. <i>Pediatric Neurology</i> , 2013, 49, 255-265.	2.1	693
3	Relationship of Echocardiographic $Z$ Scores Adjusted for Body Surface Area to Age, Sex, Race, and Ethnicity. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	195
4	Comparison of Echocardiographic and Cardiac Magnetic Resonance Imaging Measurements of Functional Single Ventricular Volumes, Mass, and Ejection Fraction (from the Pediatric Heart) in the Appendix. <i>American Journal of Cardiology</i> , 2009, 104, 419-428.	1.6	181
5	Myocardial Fibrosis Identified by Cardiac Magnetic Resonance Late Gadolinium Enhancement Is Associated With Adverse Ventricular Mechanics and Ventricular Tachycardia Late After Fontan Operation. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1721-1728.	2.8	173
6	Characterization of Cardiac Tumors in Children by Cardiovascular Magnetic Resonance Imaging. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1044-1054.	2.8	164
7	Magnetic Resonance Imaging Predictors of Coarctation Severity. <i>Circulation</i> , 2005, 111, 622-628.	1.6	157
8	Association of Myocarditis With BNT162b2 Messenger RNA COVID-19 Vaccine in a Case Series of Children. <i>JAMA Cardiology</i> , 2021, 6, 1446.	6.1	140
9	Cardiovascular Manifestations of Tuberous Sclerosis Complex and Summary of the Revised Diagnostic Criteria and Surveillance and Management Recommendations From the International Tuberous Sclerosis Consensus Group. <i>Journal of the American Heart Association</i> , 2014, 3, e001493.	3.7	128
10	Multimodality Noninvasive Imaging for Assessment of Congenital Heart Disease. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 112-125.	2.6	119
11	Magnetic resonance imaging evaluation of myocardial perfusion and viability in congenital and acquired pediatric heart disease. <i>American Journal of Cardiology</i> , 2004, 93, 657-661.	1.6	108
12	Cardiac Magnetic Resonance Parameters Predict Transplantation-Free Survival in Patients With Fontan Circulation. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 502-509.	2.6	99
13	Comparison between phase-velocity cine magnetic resonance imaging and invasive oximetry for quantification of atrial shunts. <i>American Journal of Cardiology</i> , 2003, 91, 1523-1525.	1.6	83
14	Cardiac Abnormalities in Patients With Hutchinson-Gilford Progeria Syndrome. <i>JAMA Cardiology</i> , 2018, 3, 326.	6.1	67
15	Interstudy variability in cardiac magnetic resonance imaging measurements of ventricular volume, mass, and ejection fraction in repaired tetralogy of fallot: A prospective observational study. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 829-835.	3.4	64
16	Segmental Aortic Stiffness in Children and Young Adults With Connective Tissue Disorders. <i>Circulation</i> , 2015, 132, 595-602.	1.6	61
17	Relation of Systemic-to-Pulmonary Artery Collateral Flow in Single Ventricle Physiology to Palliative Stage and Clinical Status. <i>American Journal of Cardiology</i> , 2012, 109, 1038-1045.	1.6	56
18	Coronary artery compression from epicardial leads: More common than we think. <i>Heart Rhythm</i> , 2018, 15, 1439-1447.	0.7	51

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19	A new diagnostic algorithm for assessment of patients with single ventricle before a Fontan operation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 917-923.	0.8	49
20	Stroke in Adults With Coarctation of the Aorta: A National Population-Based Study. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	41
21	Usefulness of Magnetic Resonance Angiography in the Evaluation of Complex Congenital Heart Disease in Newborns and Infants. <i>American Journal of Cardiology</i> , 2007, 100, 715-721.	1.6	39
22	Functional state of patients with heterotaxy syndrome following the Fontan operation. <i>Cardiology in the Young</i> , 2007, 17, 44-53.	0.8	36
23	Patients with repaired tetralogy of Fallot suffer from intra- and inter-ventricular cardiac dyssynchrony: a cardiac magnetic resonance study. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1333-1343.	1.2	36
24	Aortic Measurements in Patients with Aortopathy are Larger and More Reproducible by Cardiac Magnetic Resonance Compared with Echocardiography. <i>Pediatric Cardiology</i> , 2015, 36, 1761-1773.	1.3	28
25	Tissue Doppler-Derived Diastolic Myocardial Velocities Are Abnormal in Pediatric Cardiac Transplant Recipients in the Absence of Endomyocardial Rejection. <i>Pediatric Cardiology</i> , 2008, 29, 749-754.	1.3	27
26	Pediatric Heart Network Echocardiographic Z Scores: Comparison with Other Published Models. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 185-192.	2.8	26
27	Persistent Aortic Arch Hypoplasia After Coarctation Treatment Is Associated With Late Systemic Hypertension. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	25
28	Follow-up cardiac magnetic resonance in children with vaccine-associated myocarditis. <i>European Journal of Pediatrics</i> , 2022, 181, 2879-2883.	2.7	25
29	Impact of Treatment Modality on Vascular Function in Coarctation of the Aorta: The LOVE-COARCT Study. <i>Journal of the American Heart Association</i> , 2019, 8, e011536.	3.7	23
30	Late Pulmonary Valve Replacement in Patients With Pulmonary Atresia and Intact Ventricular Septum: A Case-Matched Study. <i>Annals of Thoracic Surgery</i> , 2011, 91, 555-560.	1.3	22
31	Physiology of Isolated Anomalous Pulmonary Venous Connection of a Single Pulmonary Vein as Determined by Cardiac Magnetic Resonance Imaging. <i>American Journal of Cardiology</i> , 2006, 98, 107-110.	1.6	21
32	Challenges in Echocardiographic Assessment of Mitral Regurgitation in Children After Repair of Atrioventricular Septal Defect. <i>Pediatric Cardiology</i> , 2012, 33, 205-214.	1.3	21
33	A National Population-based Study of Adults With Coronary Artery Disease and Coarctation of the Aorta. <i>American Journal of Cardiology</i> , 2018, 122, 2120-2124.	1.6	20
34	Usefulness of Magnetic Resonance Angiography for Diagnosis of Scimitar Syndrome in Early Infancy. <i>American Journal of Cardiology</i> , 2005, 96, 1313-1316.	1.6	19
35	Myocardial performance index in pediatric patients after cardiac transplantation. <i>Journal of the American Society of Echocardiography</i> , 2004, 17, 439-442.	2.8	18
36	Relation of Size of Secondary Ventricles to Exercise Performance in Children After Fontan Operation. <i>American Journal of Cardiology</i> , 2010, 106, 1652-1656.	1.6	18

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37	Faster flow quantification using sensitivity encoding for velocity-encoded cine magnetic resonance imaging: In vitro and in vivo validation. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 676-682.	3.4	16
38	Longitudinal Changes in Segmental Aortic Stiffness Determined by Cardiac Magnetic Resonance in Children and Young Adults With Connective Tissue Disorders (the Marfan, Loeys-Dietz, and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T Cardiology, 2017, 120, 1214-1219.	1.6	15
39	Risk Factors for Profuse Systemic-to-Pulmonary Artery Collateral Burden in Hypoplastic Left Heart Syndrome. <i>American Journal of Cardiology</i> , 2013, 112, 400-404.	1.6	14
40	Inefficient Ventriculoarterial Coupling in Fontan Patients: A Cardiac Magnetic Resonance Study. <i>Pediatric Cardiology</i> , 2018, 39, 763-773.	1.3	14
41	Development of a congenital cardiovascular computed tomography imaging registry: Rationale and implementation. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 263-266.	1.3	12
42	Screening for Intracranial Aneurysms in Coarctation of the Aorta. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e006406.	2.2	9
43	Factors Impacting Echocardiographic Imaging after the Fontan Procedure: A Report from the Pediatric Heart Network Fontan Cross-sectional Study. <i>Echocardiography</i> , 2013, 30, 1098-1106.	0.9	8
44	Effects of Dose Reduction on Diagnostic Image Quality of Coronary Computed Tomography Angiography in Children Using a Third-Generation Dual-Source Computed Tomography Scanner. <i>American Journal of Cardiology</i> , 2018, 122, 1260-1264.	1.6	6
45	Utility of cardiac CT in infants with congenital heart disease: Diagnostic performance and impact on management. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, 16, 345-349.	1.3	6
46	Significance of systemic to pulmonary artery collaterals in single ventricle physiology: new insights from CMR imaging. <i>Heart</i> , 2012, 98, 897-899.	2.9	3
47	Challenges and lessons learned from the Pediatric Heart Network Normal Echocardiogram Database study. <i>Cardiology in the Young</i> , 2020, 30, 456-461.	0.8	3
48	Rapid ascending aorta stiffening in bicuspid aortic valve on serial cardiovascular magnetic resonance evaluation: comparison with connective tissue disorders. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 11.	3.3	3
49	Acute and Short-Term Outcomes of Percutaneous Transcatheter Mitral Valve Replacement in Children. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e009996.	3.9	3
50	Longitudinal changes in extent of late gadolinium enhancement in repaired Tetralogy of Fallot: a retrospective analysis of serial CMRs. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 80.	3.3	3
51	Rationale and design of long-term outcomes and vascular evaluation after successful coarctation of the aorta treatment study. <i>Annals of Pediatric Cardiology</i> , 2018, 11, 282.	0.5	3
52	Abstract 11518: Diastolic Left Ventricular Dysfunction is a Common and Early Cardiac Abnormality in Hutchinson-Gilford Progeria Syndrome. <i>Circulation</i> , 2015, 132, .	1.6	1
53	Abstract 17193: Acute and Short-Term Outcomes of Percutaneous Transcatheter Mitral Valve Replacement in Children. <i>Circulation</i> , 2020, 142, .	1.6	1
54	Response to Letters Regarding Article "Segmental Aortic Stiffness in Children and Young Adults With Connective Tissue Disorders: Relationships With Age, Aortic Size, Rate of Dilation, and Surgical Root Replacement". <i>Circulation</i> , 2016, 133, e405.	1.6	0

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55	Electrocardiographic Abnormalities in Patients With Hutchinson-Gilford Progeria Syndromeâ€”Reply. JAMA Cardiology, 2018, 3, 1025.	6.1	0
56	Magnetic Resonance Imaging Evaluation of Complex Congenital Heart Disease. Contemporary Cardiology, 2019, , 339-357.	0.1	0
57	Left Ventricular Function Declines with Increasing Myocardial Ferritin Iron in Thalassemia Major.. Blood, 2005, 106, 3852-3852.	1.4	0
58	Abstract 13170: Bicuspid Aortic Valve Exacerbates the Ascending Aorta Aortopathy but Not Hypertension in Repaired Coarctation of the Aorta. Circulation, 2020, 142, .	1.6	0
59	Abstract 9566: Quantification of Valve Regurgitation in the Pediatric Population Using 3-Dimensional Echocardiography: Feasibility and Comparison With Cardiac Magnetic Resonance Imaging. Circulation, 2021, 144, .	1.6	0