

Sanjeet Hegde

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,248
citations

623734

14
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

1156
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac catheterisation guided by MRI in children and adults with congenital heart disease. Lancet, The, 2003, 362, 1877-1882.	13.7	312
2	Transcatheter Device Closure of Atrial Septal Defects. JACC: Cardiovascular Interventions, 2013, 6, 433-442.	2.9	159
3	A system for real-time XMR guided cardiovascular intervention. IEEE Transactions on Medical Imaging, 2005, 24, 1428-1440.	8.9	157
4	Novel Method of Quantifying Pulmonary Vascular Resistance by Use of Simultaneous Invasive Pressure Monitoring and Phase-Contrast Magnetic Resonance Flow. Circulation, 2004, 110, 826-834.	1.6	156
5	Registration and tracking to integrate X-ray and MR images in an XMR facility. IEEE Transactions on Medical Imaging, 2003, 22, 1369-1378.	8.9	111
6	Measurement of total pulmonary arterial compliance using invasive pressure monitoring and MR flow quantification during MR-guided cardiac catheterization. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H1301-H1306.	3.2	77
7	Visualization and tracking of an inflatable balloon catheter using SSFP in a flow phantom and in the heart and great vessels of patients. Magnetic Resonance in Medicine, 2004, 51, 988-995.	3.0	54
8	Catheter tracking and visualization using ¹⁹ F nuclear magnetic resonance. Magnetic Resonance in Medicine, 2004, 52, 693-697.	3.0	33
9	Noninvasive Assessment of Pulmonary Artery Flow and Resistance by Cardiac Magnetic Resonance in Congenital Heart Diseases With Unrestricted Left-to-Right Shunt. JACC: Cardiovascular Imaging, 2009, 2, 1285-1291.	5.3	25
10	Diagnostic Role of Magnetic Resonance Imaging in Identifying Aortic Arch Anomalies. Congenital Heart Disease, 2008, 3, 117-123.	0.2	24
11	Intermediate Results of Hybrid Versus Primary Norwood Operation. Annals of Thoracic Surgery, 2015, 99, 2141-2149.	1.3	22
12	Atlas-based ventricular shape analysis for understanding congenital heart disease. Progress in Pediatric Cardiology, 2016, 43, 61-69.	0.4	20
13	Atlas-Based Computational Analysis of Heart Shape and Function in Congenital Heart Disease. Journal of Cardiovascular Translational Research, 2018, 11, 123-132.	2.4	19
14	Interactive MR Imaging and Tracking of Catheters with Multiple Tuned Fiducial Markers. Journal of Vascular and Interventional Radiology, 2006, 17, 1175-1179.	0.5	14
15	Evaluation of Impedance Cardiography for Measurement of Stroke Volume in Congenital Heart Disease. Pediatric Cardiology, 2016, 37, 1453-1457.	1.3	12
16	XMR guided cardiac electrophysiology study and radio frequency ablation. , 2004, 5369, 10.		10
17	Accuracy of Cardiac Magnetic Resonance Imaging in Diagnosing Pediatric Cardiac Masses. JACC: Cardiovascular Imaging, 2022, 15, 1391-1405.	5.3	9
18	Improving the Fontan: Pre-surgical planning using four dimensional (4D) flow, bio-mechanical modeling and three dimensional (3D) printing. Progress in Pediatric Cardiology, 2016, 43, 57-60.	0.4	8

#	ARTICLE	IF	CITATIONS
19	Fontan Revision: Presurgical Planning Using Four-Dimensional (4D) Flow and Three-Dimensional (3D) Printing. World Journal for Pediatric & Congenital Heart Surgery, 2019, 10, 245-249.	0.8	7
20	Simulation of the Electromechanical Activity of the Heart Using XMR Interventional Imaging. Lecture Notes in Computer Science, 2004, , 786-794.	1.3	6
21	Further Insight into a Rare Pathology. World Journal for Pediatric & Congenital Heart Surgery, 2014, 5, 643-644.	0.8	3
22	Application of XMR 2D-3D Registration to Cardiac Interventional Guidance. Lecture Notes in Computer Science, 2003, , 295-302.	1.3	2
23	Exercise MRI highlights heterogeneity in cardiovascular mechanics among patients with Fontan circulation: proposed protocol for routine evaluation. Journal of Thoracic Disease, 2020, 12, 1204-1212.	1.4	2
24	Computational analysis of cardiac structure and function in congenital heart disease: Translating discoveries to clinical strategies. Journal of Computational Science, 2021, 52, 101211.	2.9	2
25	Neonatal Myocardial Infarction: A Proposed Algorithm for Coronary Arterial Thrombus Management. Circulation: Cardiovascular Interventions, 2022, 15, 101161CIRCINTERVENTIONS121011664.	3.9	2
26	Atlas-based measures of left ventricular shape may improve characterization of adverse remodeling in anthracycline-exposed childhood cancer survivors: a cross-sectional imaging study. Cardio-Oncology, 2020, 6, 13.	1.7	1
27	Reply. JACC: Cardiovascular Interventions, 2014, 7, 338-339.	2.9	0
28	Double Choker: Double Aortic Arch with Bilateral Aortic Coarctation Associated with Heterotaxy-Asplenia Syndrome and Complex Atrioventricular Canal Defect. Case, 2020, 4, 142-145.	0.3	0