

Tarique Hussain

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

965
citations

471509

17
h-index

454955

30
g-index

39
all docs

39
docs citations

39
times ranked

1352
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional printed models for surgical planning of complex congenital heart defects: an international multicentre study. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 1139-1148.	1.4	191
2	Detection of Coronary Artery Anomalies in Infants and Young Children with Congenital Heart Disease by Using MR Imaging. <i>Radiology</i> , 2011, 259, 240-247.	7.3	81
3	Positive Pretransplantation Cytomegalovirus Serology Is a Risk Factor for Cardiac Allograft Vasculopathy in Children. <i>Circulation</i> , 2007, 115, 1798-1805.	1.6	63
4	Myopericarditis after messenger RNA Coronavirus Disease 2019 Vaccination in Adolescents 12 to 18 Years of Age. <i>Journal of Pediatrics</i> , 2021, 238, 26-32.e1.	1.8	52
5	3D printing from cardiovascular CT: a practical guide and review. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, 507-526.	1.7	47
6	Multimodality Imaging of Subclinical Aortic Atherosclerosis. <i>Hypertension</i> , 2013, 61, 609-614.	2.7	37
7	Black Blood Contrast in Cardiovascular MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 61-80.	3.4	35
8	Detection and Grading of Coronary Allograft Vasculopathy in Children With Contrast-Enhanced Magnetic Resonance Imaging of the Coronary Vessel Wall. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 91-98.	2.6	34
9	Three-dimensional Dual-Phase Whole-Heart MR Imaging: Clinical Implications for Congenital Heart Disease. <i>Radiology</i> , 2012, 263, 547-554.	7.3	32
10	Congenital Heart Disease in Children: Coronary MR Angiography during Systole and Diastole with Dual Cardiac Phase Whole-Heart Imaging. <i>Radiology</i> , 2011, 260, 232-240.	7.3	31
11	Flow-independent 3D whole-heart vessel wall imaging using an interleaved T2 preparation acquisition. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 150-157.	3.0	31
12	The emerging role of cardiovascular magnetic resonance in the evaluation of Kawasaki disease. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 1787-1798.	1.5	28
13	3D Whole Heart Imaging for Congenital Heart Disease. <i>Frontiers in Pediatrics</i> , 2017, 5, 36.	1.9	27
14	Multimodality Noninvasive Imaging in the Monitoring of Pediatric Heart Transplantation. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 859-870.	2.8	25
15	Living the heart in three dimensions: applications of 3D printing in CHD. <i>Cardiology in the Young</i> , 2019, 29, 733-743.	0.8	24
16	Planning of catheter interventions for pulmonary artery stenosis: Improved measurement agreement with magnetic resonance angiography using identical angulations. <i>Catheterization and Cardiovascular Interventions</i> , 2011, 77, 400-408.	1.7	20
17	Potential of 3D-printed models in planning structural interventional procedures. <i>Interventional Cardiology</i> , 2015, 7, 345-352.	0.0	19
18	Whole-heart coronary MR angiography using image-based navigation for the detection of coronary anomalies in adult patients with congenital heart disease. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 947-955.	3.4	19

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19	Use of a semi-automated cardiac segmentation tool improves reproducibility and speed of segmentation of contaminated right heart magnetic resonance angiography. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1273-1279.	1.5	17
20	Cardiovascular Magnetic Resonance Imaging in Congenital Heart Disease as an Alternative to Diagnostic Invasive Cardiac Catheterization: A Single Center Experience. <i>Congenital Heart Disease</i> , 2013, 8, 322-327.	0.2	16
21	Zoom imaging for rapid aortic vessel wall imaging and cardiovascular risk assessment. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 279-285.	3.4	15
22	Coronary artery size and origin imaging in children: a comparative study of MRI and trans-thoracic echocardiography. <i>BMC Medical Imaging</i> , 2015, 15, 48.	2.7	15
23	Automated Quantitative Stress Perfusion Cardiac Magnetic Resonance in Pediatric Patients. <i>Frontiers in Pediatrics</i> , 2021, 9, 699497.	1.9	14
24	Feasibility of 3D black-blood variable refocusing angle fast spin echo cardiovascular magnetic resonance for visualization of the whole heart and great vessels in congenital heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 76.	3.3	12
25	A clinical combined gadobutrol bolus and slow infusion protocol enabling angiography, inversion recovery whole heart, and late gadolinium enhancement imaging in a single study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 66.	3.3	11
26	mRNA Coronavirus Disease 2019 Vaccine-Associated Myopericarditis in Adolescents: A Survey Study. <i>Journal of Pediatrics</i> , 2022, 243, 208-213.e3.	1.8	10
27	Thoracic but not abdominal phase contrast magnetic resonance-derived aortic pulse wave velocity is elevated in patients with abdominal aortic aneurysm. <i>Journal of Hypertension</i> , 2015, 33, 1032-1038.	0.5	9
28	Accuracy of Cardiac Magnetic Resonance Imaging in Diagnosing Pediatric Cardiac Masses. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1391-1405.	5.3	9
29	Diagnosis and management of coronary allograft vasculopathy in children and adolescents. <i>World Journal of Transplantation</i> , 2014, 4, 276.	1.6	9
30	Comprehensive Evaluation of a Patient with Kawasaki Disease and Giant Coronary Aneurysms with Cardiac Magnetic Resonance. <i>Congenital Heart Disease</i> , 2014, 9, E195-E198.	0.2	5
31	The importance of qualitative and quantitative regional wall motion abnormality assessment at rest in pediatric coronary allograft vasculopathy. <i>Pediatric Transplantation</i> , 2018, 22, e13208.	1.0	5
32	Visualization of coronary arteries in paediatric patients using whole-heart coronary magnetic resonance angiography: comparison of image-navigation and the standard approach for respiratory motion compensation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 13.	3.3	5
33	Improved coronary magnetic resonance angiography using gadobenate dimeglumine in pediatric congenital heart disease. <i>Magnetic Resonance Imaging</i> , 2018, 49, 47-54.	1.8	4
34	Dual-phase whole-heart imaging using image navigation in congenital heart disease. <i>BMC Medical Imaging</i> , 2018, 18, 36.	2.7	4
35	Morphological three-dimensional analysis of papillary muscles in borderline left ventricles. <i>Cardiology in the Young</i> , 2017, 27, 1369-1376.	0.8	3
36	Combined coronary lumen and vessel wall magnetic resonance imaging with i-T2prep: influence of nitroglycerin. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 77-82.	1.5	2

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37	Interventional Cardiovascular Magnetic Resonance Imaging (ICMR) in an Adolescent with Pulmonary Hypertension. <i>Medicina (Lithuania)</i> , 2020, 56, 636.	2.0	2
38	Imaging for coronary allograft vasculopathy in children and adolescents. <i>Progress in Pediatric Cardiology</i> , 2014, 37, 29-35.	0.4	1
39	Velocity encoded mitral valve inflow cine: A novel and more reproducible method to determine cardiac rest periods during coronary magnetic resonance angiography. <i>JRSM Cardiovascular Disease</i> , 2022, 11, 204800402210875.	0.7	1