

Kan N Hor

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,610
citations

201674

27
h-index

189892

50
g-index

55
all docs

55
docs citations

55
times ranked

3200
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Magnetic Resonance Feature Tracking for Strain Calculation With Harmonic Phase Imaging Analysis. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 144-151.	5.3	348
2	Cardiovascular Magnetic Resonance Myocardial Feature Tracking. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e004077.	2.6	272
3	Myocardial strain measurement with feature-tracking cardiovascular magnetic resonance: normal values. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 871-881.	1.2	195
4	Eplerenone for early cardiomyopathy in Duchenne muscular dystrophy: a randomised, double-blind, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2015, 14, 153-161.	10.2	184
5	Circumferential Strain Analysis Identifies Strata of Cardiomyopathy in Duchenne Muscular Dystrophy. <i>Journal of the American College of Cardiology</i> , 2009, 53, 1204-1210.	2.8	171
6	Myocardial Fibrosis Burden Predicts Left Ventricular Ejection Fraction and Is Associated With Age and Steroid Treatment Duration in Duchenne Muscular Dystrophy. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	114
7	Harmony Feasibility Trial. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1763-1773.	2.9	110
8	Prevalence and distribution of late gadolinium enhancement in a large population of patients with Duchenne muscular dystrophy: effect of age and left ventricular systolic function. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 107.	3.3	105
9	Spontaneous reversal of stenosis in tissue-engineered vascular grafts. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	81
10	Cardiac Management of the Patient With Duchenne Muscular Dystrophy. <i>Pediatrics</i> , 2018, 142, S72-S81.	2.1	77
11	Detection of Progressive Cardiac Dysfunction by Serial Evaluation of Circumferential Strain in Patients With Duchenne Muscular Dystrophy. <i>American Journal of Cardiology</i> , 2010, 105, 1451-1455.	1.6	64
12	Eplerenone for early cardiomyopathy in Duchenne muscular dystrophy: results of a two-year open-label extension trial. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 39.	2.7	57
13	Three-Year Outcomes From the Harmony Native Outflow Tract Early Feasibility Study. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008320.	3.9	53
14	Patient Selection Process for the Harmony Transcatheter Pulmonary Valve Early Feasibility Study. <i>American Journal of Cardiology</i> , 2017, 120, 1387-1392.	1.6	48
15	Effects of steroids and angiotensin converting enzyme inhibition on circumferential strain in boys with Duchenne muscular dystrophy: a cross-sectional and longitudinal study utilizing cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, 60.	3.3	45
16	Abnormal Circumferential Strain is Present in Young Duchenne Muscular Dystrophy Patients. <i>Pediatric Cardiology</i> , 2013, 34, 1159-1165.	1.3	44
17	Notch1 haploinsufficiency causes ascending aortic aneurysms in mice. <i>JCI Insight</i> , 2017, 2, .	5.0	44
18	Stabilization of Early Duchenne Cardiomyopathy With Aldosterone Inhibition: Results of the Multicenter AIDMD Trial. <i>Journal of the American Heart Association</i> , 2019, 8, e013501.	3.7	40

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19	Patterns of left ventricular remodeling in patients with Duchenne Muscular Dystrophy: a cardiac MRI study of ventricular geometry, global function, and strain. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 99-107.	1.5	39
20	Repeated intravenous cardiosphere-derived cell therapy in late-stage Duchenne muscular dystrophy (HOPE-2): a multicentre, randomised, double-blind, placebo-controlled, phase 2 trial. <i>Lancet</i> , The, 2022, 399, 1049-1058.	13.7	36
21	Autonomic Dysfunction: A Driving Force for Myocardial Fibrosis in Young Duchenne Muscular Dystrophy Patients?. <i>Pediatric Cardiology</i> , 2015, 36, 561-568.	1.3	33
22	Toward a patient-specific tissue engineered vascular graft. <i>Journal of Tissue Engineering</i> , 2018, 9, 204173141876470.	5.5	32
23	Feasibility of Echocardiographic Techniques to Detect Subclinical Cancer Therapeutics-Related Cardiac Dysfunction among High-Dose Patients When Compared with Cardiac Magnetic Resonance Imaging. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 119-131.	2.8	31
24	Left ventricular T2 distribution in Duchenne Muscular Dystrophy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, 14.	3.3	30
25	Regional Circumferential Strain is a Biomarker for Disease Severity in Duchenne Muscular Dystrophy Heart Disease: A Cross-Sectional Study. <i>Pediatric Cardiology</i> , 2015, 36, 111-119.	1.3	30
26	Feature-tracking cardiovascular magnetic resonance as a novel technique for the assessment of mechanical dyssynchrony. <i>International Journal of Cardiology</i> , 2014, 175, 120-125.	1.7	29
27	Advances in the diagnosis and management of cardiomyopathy in Duchenne muscular dystrophy. <i>Neuromuscular Disorders</i> , 2018, 28, 711-716.	0.6	29
28	Dystrophin Genotype-Cardiac Phenotype Correlations in Duchenne and Becker Muscular Dystrophies Using Cardiac Magnetic Resonance Imaging. <i>American Journal of Cardiology</i> , 2015, 115, 967-971.	1.6	27
29	Progression of Duchenne Cardiomyopathy Presenting with Chest Pain and Troponin Elevation. <i>Journal of Neuromuscular Diseases</i> , 2017, 4, 307-314.	2.6	23
30	Hemodynamic performance of tissue-engineered vascular grafts in Fontan patients. <i>Npj Regenerative Medicine</i> , 2021, 6, 38.	5.2	23
31	Comparison of right and left ventricular function and size in Duchenne muscular dystrophy. <i>European Journal of Radiology</i> , 2015, 84, 1938-1942.	2.6	20
32	Venous Thromboembolism in Children with Sickle Cell Disease: A Retrospective Cohort Study. <i>Journal of Pediatrics</i> , 2018, 197, 186-190.e1.	1.8	19
33	Identification of a novel microRNA profile in pediatric patients with cancer treated with anthracycline chemotherapy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1443-H1452.	3.2	19
34	The presence of bicuspid aortic valve does not predict ventricular septal defect type. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 3202-3205.	1.2	17
35	Duchenne and Becker muscular dystrophy carriers: Evidence of cardiomyopathy by exercise and cardiac MRI testing. <i>International Journal of Cardiology</i> , 2020, 316, 257-265.	1.7	16
36	Use of integrated imaging and serum biomarker profiles to identify subclinical dysfunction in pediatric cancer patients treated with anthracyclines. <i>Cardio-Oncology</i> , 2018, 4, .	1.7	13

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37	Relationship of Right Ventricular Size and Function with Respiratory Status in Duchenne Muscular Dystrophy. <i>Pediatric Cardiology</i> , 2016, 37, 878-883.	1.3	12
38	Oversized Biodegradable Arterial Grafts Promote Enhanced Neointimal Tissue Formation. <i>Tissue Engineering - Part A</i> , 2018, 24, 1251-1261.	3.1	12
39	Echocardiography vs cardiac magnetic resonance imaging assessment of the systemic right ventricle for patients with dâ€transposition of the great arteries status post atrial switch. <i>Congenital Heart Disease</i> , 2019, 14, 1138-1148.	0.2	10
40	Current state of cardiac troponin testing in Duchenne muscular dystrophy cardiomyopathy: review and recommendations from the Parent Project Muscular Dystrophy expert panel. <i>Open Heart</i> , 2021, 8, e001592.	2.3	8
41	Creation of a novel algorithm to identify patients with Becker and Duchenne muscular dystrophy within an administrative database and application of the algorithm to assess cardiovascular morbidity. <i>Cardiology in the Young</i> , 2019, 29, 290-296.	0.8	7
42	Evaluating the Longevity of the Fontan Pathway. <i>Pediatric Cardiology</i> , 2020, 41, 1539-1547.	1.3	7
43	Effect of myocardial dysfunction in cardiac morbidity and all cause mortality in childhood cancer subjects treated with anthracycline therapy. <i>Cardio-Oncology</i> , 2015, 1, 1.	1.7	6
44	A case of surgically resected cardiac rhabdomyoma with progressive left ventricular outflow tract obstruction. <i>Cardiovascular Pathology</i> , 2020, 49, 107226.	1.6	6
45	The role of imaging in characterizing the cardiac natural history of Duchenne muscular dystrophy. <i>Pediatric Pulmonology</i> , 2021, 56, 766-781.	2.0	5
46	Young Becker Muscular Dystrophy Patients Demonstrate Fibrosis Associated With Abnormal Left Ventricular Ejection Fraction on Cardiac Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008919.	2.6	4
47	Assessment of Myocardial Contractile Function Using Global and Segmental Circumferential Strain following Intracoronary Stem Cell Infusion after Myocardial Infarction: MRI Feature Tracking Feasibility Study. <i>ISRN Radiology</i> , 2013, 2013, 1-6.	1.2	4
48	Impact of erythrocytapheresis on natural anticoagulant levels in children with sickle cell disease: A pilot study. <i>Pediatric Blood and Cancer</i> , 2018, 66, e27588.	1.5	3
49	A Rare Case of an Intracardiac Myoepithelial Carcinoma in an Infant. <i>Journal of Pediatric Hematology/Oncology</i> , 2019, 41, e206-e209.	0.6	3
50	Computed Tomography Angiography and Bicaval Dual-Lumen Catheter Positioning. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1479.	1.3	1
51	Electrocardiographic prediction of late gadolinium enhancement on cardiac magnetic resonance in Becker muscular dystrophy. <i>Neuromuscular Disorders</i> , 2022, 32, 43-49.	0.6	1
52	Ventricular Dysfunction in a 40-Year-Old With Coronary Compression From Aortic Aneurysm Following Waterston Shunt and Complete Repair of Tetralogy of Fallot. <i>Case</i> , 2019, 3, 44-45.	0.3	0
53	Pre-treatment echocardiogram abnormalities and left ventricular function in pediatric patients with new diagnosis of leukemia or lymphoma.. <i>Journal of Clinical Oncology</i> , 2016, 34, 10540-10540.	1.6	0