

Kate Hanneman

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,896
citations

236833

25
h-index

289141

40
g-index

81
all docs

81
docs citations

81
times ranked

2119
citing authors

#	ARTICLE	IF	CITATIONS
1	Congenital Variants and Anomalies of the Aortic Arch. <i>Radiographics</i> , 2017, 37, 32-51.	1.4	216
2	Congenital heart disease assessment with 4D flow MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 870-886.	1.9	103
3	Comprehensive motion-compensated highly accelerated 4D flow MRI with ferumoxytol enhancement for pediatric congenital heart disease. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1355-1368.	1.9	92
4	Cardiovascular magnetic resonance demonstration of the spectrum of morphological phenotypes and patterns of myocardial scarring in Anderson-Fabry disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 14.	1.6	91
5	Myocardial Injury Pattern at MRI in COVID-19 Vaccine-associated Myocarditis. <i>Radiology</i> , 2022, 304, 553-562.	3.6	70
6	Errors, near misses and adverse events in the emergency department: What can patients tell us?. <i>Canadian Journal of Emergency Medicine</i> , 2008, 10, 421-427.	0.5	66
7	Initial Experience With Simultaneous 18F-FDG PET/MRI in the Evaluation of Cardiac Sarcoidosis and Myocarditis. <i>Clinical Nuclear Medicine</i> , 2017, 42, e328-e334.	0.7	60
8	Use of Myocardial T1 Mapping at 3.0 T to Differentiate Anderson-Fabry Disease from Hypertrophic Cardiomyopathy. <i>Radiology</i> , 2018, 288, 398-406.	3.6	56
9	Magnetic Resonance Assessment of Pulmonary (QP) to Systemic (QS) Flows Using 4D Phase-contrast Imaging. <i>Academic Radiology</i> , 2014, 21, 1002-1008.	1.3	50
10	Quantification of Myocardial Extracellular Volume Fraction with Cardiac MR Imaging in Thalassemia Major. <i>Radiology</i> , 2016, 279, 720-730.	3.6	44
11	Cardiac MRI Assessment of Nonischemic Myocardial Inflammation: State of the Art Review and Update on Myocarditis Associated with COVID-19 Vaccination. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e210252.	0.9	44
12	Progression of Myocardial Fibrosis in Hypertrophic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 947-958.	2.3	41
13	Combined Cardiac Fluorodeoxyglucose-Positron Emission Tomography/Magnetic Resonance Imaging Assessment of Myocardial Injury in Patients Who Recently Recovered From COVID-19. <i>JAMA Cardiology</i> , 2022, 7, 298.	3.0	41
14	Assessment of the precision and reproducibility of ventricular volume, function, and mass measurements with ferumoxytol-enhanced 4D flow MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 383-392.	1.9	39
15	Right heart imaging in patients with heart failure. <i>Current Opinion in Cardiology</i> , 2016, 31, 469-482.	0.8	39
16	Safety and Efficacy of Modified Preoperative Lung Nodule Microcoil Localization Without Pleural Marking. <i>Journal of Thoracic Imaging</i> , 2016, 31, 15-22.	0.8	37
17	Left Ventricular Hypertrophy and Late Gadolinium Enhancement at Cardiac MRI Are Associated with Adverse Cardiac Events in Fabry Disease. <i>Radiology</i> , 2020, 294, 42-49.	3.6	37
18	Cardiac Magnetic Resonance Imaging Findings Predict Major Adverse Events in Apical Hypertrophic Cardiomyopathy. <i>Journal of Thoracic Imaging</i> , 2014, 29, 331-339.	0.8	33

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19	Loss of base-to-apex circumferential strain gradient assessed by cardiovascular magnetic resonance in Fabry disease: relationship to T1 mapping, late gadolinium enhancement and hypertrophy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 45.	1.6	33
20	Diagnostic Accuracy of Cardiac MRI versus FDG PET for Cardiac Sarcoidosis: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2022, 304, 566-579.	3.6	33
21	The relationship between cardiovascular magnetic resonance imaging measurement of extracellular volume fraction and clinical outcomes in adults with repaired tetralogy of Fallot. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 777-784.	0.5	32
22	Quantification of global myocardial function by cine MRI deformable registration-based analysis: Comparison with MR feature tracking and speckle-tracking echocardiography. <i>European Radiology</i> , 2017, 27, 1404-1415.	2.3	31
23	Combined simultaneous FDG-PET/MRI with T1 and T2 mapping as an imaging biomarker for the diagnosis and prognosis of suspected cardiac sarcoidosis. <i>European Journal of Hybrid Imaging</i> , 2021, 5, 24.	0.6	31
24	Cumulative Radiation dose in Patients with Hereditary Hemorrhagic Telangiectasia and Pulmonary Arteriovenous Malformations. <i>Canadian Association of Radiologists Journal</i> , 2014, 65, 135-140.	1.1	30
25	Computed Tomography and Magnetic Resonance Imaging in Neonates With Congenital Cardiovascular Disease. <i>Seminars in Ultrasound, CT and MRI</i> , 2015, 36, 146-160.	0.7	30
26	Genetic Testing for Diagnosis of Hypertrophic Cardiomyopathy Mimics. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002748.	1.6	29
27	CT-guided Microcoil Pulmonary Nodule Localization prior to Video-assisted Thoracoscopic Surgery: Diagnostic Utility and Recurrence-Free Survival. <i>Radiology</i> , 2019, 291, 214-222.	3.6	27
28	Pre- and Postoperative Imaging of the Aortic Root. <i>Radiographics</i> , 2016, 36, 19-37.	1.4	26
29	Cardiac MRI and Clinical Follow-up in COVID-19 Vaccine-associated Myocarditis. <i>Radiology</i> , 2022, 304, E48-E49.	3.6	25
30	Clinical Impact of Cardiac MRI T1 and T2 Parametric Mapping in Patients with Suspected Cardiomyopathy. <i>Radiology</i> , 2022, 305, 319-326.	3.6	24
31	Multimodality Assessment of Thoracic Aortic Dimensions. <i>Journal of Thoracic Imaging</i> , 2020, 35, 399-406.	0.8	23
32	Noninvasive hematocrit assessment for cardiovascular magnetic resonance extracellular volume quantification using a point-of-care device and synthetic derivation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 19.	1.6	21
33	Right ventricular fibrosis is associated with cardiac remodelling after pulmonary valve replacement. <i>Heart</i> , 2019, 105, 855-863.	1.2	21
34	Cardiovascular magnetic resonance based diagnosis of left ventricular non-compaction cardiomyopathy: impact of cine bSSFP strain analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 9.	1.6	21
35	Evolution of Lymphadenopathy at PET/MRI after COVID-19 Vaccination. <i>Radiology</i> , 2021, 299, E282-E282.	3.6	19
36	Diagnostic Accuracy of Sex-Specific Chest CT Measurements Compared With Cardiac MRI Findings in the Assessment of Cardiac Chamber Enlargement. <i>American Journal of Roentgenology</i> , 2018, 211, 993-999.	1.0	17

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37	Cardiovascular signatures of COVID-19 predict mortality and identify barrier stabilizing therapies. EBioMedicine, 2022, 78, 103982.	2.7	17
38	Noncompletion of referrals to outpatient specialty clinics among patients discharged from the emergency department: a prospective cohort study. Canadian Journal of Emergency Medicine, 2010, 12, 325-330.	0.5	16
39	Radiologic Professionalism in Modern Health Care. Radiographics, 2015, 35, 1779-1788.	1.4	16
40	Prognostic Significance of Cardiac Magnetic Resonance Imaging Late Gadolinium Enhancement in Fabry Disease. Circulation, 2018, 138, 2579-2581.	1.6	16
41	ACR Appropriateness Criteria® Chest Pain-Possible Acute Coronary Syndrome. Journal of the American College of Radiology, 2020, 17, S55-S69.	0.9	13
42	Visual Ordinal Scoring of Coronary Artery Calcium on Contrast-Enhanced and Noncontrast Chest CT: A Retrospective Study of Diagnostic Performance and Prognostic Utility. American Journal of Roentgenology, 2022, 219, 569-578.	1.0	13
43	Cardiovascular CT in the diagnosis of pericardial constriction: Predictive value of inferior vena cava cross-sectional area. Journal of Cardiovascular Computed Tomography, 2014, 8, 149-157.	0.7	11
44	Effects of slice orientation on reproducibility of sequential assessment of right ventricular volumes and ejection fraction: short-axis vs transverse SSFP cine cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 60.	1.6	11
45	2021 Update on Safety of Magnetic Resonance Imaging: Joint Statement From Canadian Cardiovascular Society/Canadian Society for Cardiovascular Magnetic Resonance/Canadian Heart Rhythm Society. Canadian Journal of Cardiology, 2021, 37, 835-847.	0.8	10
46	Myocarditis Following COVID-19 Vaccination. Cardiology Clinics, 2022, 40, 375-388.	0.9	10
47	Left Ventricular Mass and Wall Thickness Measurements Using Echocardiography and Cardiac MRI in Patients with Fabry Disease: Clinical Significance of Discrepant Findings. Radiology: Cardiothoracic Imaging, 2020, 2, e190149.	0.9	9
48	MRI detection of suspected nasopharyngeal carcinoma: a systematic review and meta-analysis. Neuroradiology, 2022, 64, 1471-1481.	1.1	9
49	Augmentation of pulmonary blood flow and cardiac output by non-invasive external ventilation late after Fontan palliation. Heart, 2021, 107, 142-149.	1.2	7
50	Computed Tomography Angiography Assessment of Acute Aortic Syndromes: Classification, Differentiating Imaging Features, and Imaging Interpretation Pitfalls. Canadian Association of Radiologists Journal, 2022, 73, 228-239.	1.1	7
51	Clinical Significance of Papillary Muscles on Left Ventricular Mass Quantification Using Cardiac Magnetic Resonance Imaging. Journal of Thoracic Imaging, 2021, 36, 242-247.	0.8	7
52	Imaging of Myocarditis Following mRNA COVID-19 Booster Vaccination. Radiology: Cardiothoracic Imaging, 2022, 4, e220019.	0.9	7
53	Use of Cardiac Magnetic Resonance Imaging Based Measurements of Inferior Vena Cava Cross-Sectional Area in the Diagnosis of Pericardial Constriction. Canadian Association of Radiologists Journal, 2015, 66, 231-237.	1.1	6
54	Heterogeneity of myocardial iron distribution in response to chelation therapy in patients with transfusion-dependent anemias. International Journal of Cardiovascular Imaging, 2013, 29, 1517-1526.	0.7	5

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55	Measuring Left Ventricular Size in Non-ECG-gated Chest Computed Tomography. <i>Journal of Thoracic Imaging</i> , 2018, 33, 81-87.	0.8	5
56	Diagnostic Performance of Abnormal Nulling on Cardiac Magnetic Resonance Imaging Look Locker Inversion Time Sequence in Differentiating Cardiac Amyloidosis Types. <i>Journal of Thoracic Imaging</i> , 2020, 35, 334-339.	0.8	5
57	Increased Spread of Native T1 Values Assessed With MRI as a Marker of Cardiac Involvement in Fabry Disease. <i>American Journal of Roentgenology</i> , 2021, 216, 355-361.	1.0	5
58	Assessment of Pericardial Disease with Cardiovascular MRI. <i>Heart Failure Clinics</i> , 2021, 17, 109-120.	1.0	5
59	Maternal and Fetal Hemodynamic Adaptations to Pregnancy and Clinical Outcomes in Maternal Cardiac Disease. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1942-1950.	0.8	5
60	Diagnostic performance of chest radiography measurements for the assessment of cardiac chamber enlargement. <i>Cmaj</i> , 2021, 193, E1683-E1692.	0.9	5
61	Predefined and data driven CT densitometric features predict critical illness and hospital length of stay in COVID-19 patients. <i>Scientific Reports</i> , 2022, 12, 8143.	1.6	5
62	Persistent fifth arch anomalies – broadening the spectrum to include a variation of double aortic arch vascular ring. <i>Pediatric Radiology</i> , 2016, 46, 1866-1872.	1.1	4
63	Antimalarial-Induced Cardiomyopathy Resembles Fabry Disease on Cardiac MRI. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 879-881.	2.3	4
64	Cardiac MR Imaging of Muscular Dystrophies. <i>Current Problems in Diagnostic Radiology</i> , 2021, 51, 225-225.	0.6	4
65	The impact of pulmonary valve replacement on pregnancy outcomes in women with tetralogy of Fallot. <i>International Journal of Cardiology</i> , 2021, 330, 43-49.	0.8	4
66	Cardiac MRI of Hereditary Cardiomyopathy. <i>Radiographics</i> , 2022, , 210147.	1.4	4
67	Myocardial Imaging with CMR Parametric Mapping: Clinical Applications. <i>Current Radiology Reports</i> , 2018, 6, 1.	0.4	3
68	Cardiac MRI T1, T2, and T2* Mapping in Clinical Practice. <i>Advances in Clinical Radiology</i> , 2019, 1, 27-41.	0.1	3
69	Cardiac MRI in Danon Disease: Sex-specific Differences and Characteristic Imaging Findings. <i>Radiology</i> , 2021, 299, 311-312.	3.6	3
70	ACR Appropriateness Criteria® Nonischemic Myocardial Disease with Clinical Manifestations (Ischemic) <i>Journal of Thoracic Imaging</i> , 2021, 36, 1-10.	0.9	3
71	Left Ventricular Hypertrophy Assessed by Using Cardiac MRI as a Risk Predictor for Cardiovascular Events. <i>Radiology</i> , 2019, 293, 115-116.	3.6	2
72	Cardiac MRI T1 mapping in unrepaired anomalous left coronary artery from the pulmonary artery. <i>Cardiology in the Young</i> , 2017, 27, 1832-1835.	0.4	1

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73	Characteristics of Cardiovascular Magnetic Resonance Imaging and Outcomes in Adults With Repaired Truncus Arteriosus. American Journal of Cardiology, 2019, 124, 1636-1642.	0.7	1
74	Precision-optimized single protocol pre-/post-contrast modified-look locker inversion T1 mapping using composite inversion group fitting. Magnetic Resonance Imaging, 2020, 74, 195-202.	1.0	1
75	Statin Use for Primary Cardiovascular Disease Prevention is Low in Inflammatory Arthritis. Canadian Journal of Cardiology, 2022, , .	0.8	1
76	Editorial for "Cardiac Magnetic Resonance Imaging Findings in COVID-19 Vaccine-Related Myocarditis: A Pooled Analysis of 468 Patients". Journal of Magnetic Resonance Imaging, 2023, 57, 1289-1290.	1.9	1
77	Multimodality Imaging in the Preoperative Diagnosis of Lipomatous Hypertrophy. Canadian Journal of Cardiology, 2013, 29, 130.e11-130.e12.	0.8	0
78	Hypertrophic Cardiomyopathy Complicated by Pulmonary Edema in the Postpartum Period. Case Reports in Radiology, 2013, 2013, 1-3.	0.5	0
79	T1 Mapping in Uncommon Non-ischemic Cardiomyopathies. , 2018, , 101-113.		0
80	The Clinical Significance of Cardiac MRI Late Gadolinium Enhancement in Hypertrophic Cardiomyopathy. Radiology, 2021, , 212214.	3.6	0
81	ACR Appropriateness Criteria® Dyspnea-Suspected Cardiac Origin (Ischemia Already Excluded): 2021 Update. Journal of the American College of Radiology, 2022, 19, S37-S52.	0.9	0