

Dana C Peters

List of Publications by Year in descending order

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105
papers

4,117
citations

172207

29
h-index

118652

62
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107
all docs

107
docs citations

107
times ranked

3653
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Measurements of Mitral and Tricuspid Annular Dimensions in Cardiovascular Magnetic Resonance. , 2022, , .		0
2	FDG PET imaging of vascular inflammation in post-traumatic stress disorder: A pilot caseâ€“control study. Journal of Nuclear Cardiology, 2021, 28, 688-694.	1.4	10
3	TVnet: Automated Time-Resolved Tracking of the Tricuspid Valve Plane in MRI Long-Axis Cine Images with a Dual-Stage Deep Learning Pipeline. Lecture Notes in Computer Science, 2021, , 567-576.	1.0	4
4	Left ventricular myocardial strain and tissue characterization by cardiac magnetic resonance imaging in immune checkpoint inhibitor associated cardiotoxicity. PLoS ONE, 2021, 16, e0246764.	1.1	19
5	The Authors Reply:. JACC: Cardiovascular Imaging, 2021, 14, 704-705.	2.3	0
6	57884 Fast strain-encoded cardiac magnetic resonance detects immune checkpoint inhibitor associated cardiotoxicity. Journal of Clinical and Translational Science, 2021, 5, 141-142.	0.3	0
7	Automated left atrial time-resolved segmentation in MRI long-axis cine images using active contours. BMC Medical Imaging, 2021, 21, 101.	1.4	10
8	Improving deuterium metabolic imaging (DMI) signalâ€“noise ratio by spectroscopic multiâ€“echo bSSFP: A pancreatic cancer investigation. Magnetic Resonance in Medicine, 2021, 86, 2604-2617.	1.9	19
9	Fat-saturated dark-blood cardiac T2 mapping in a single breath-hold. Magnetic Resonance Imaging, 2021, 81, 24-32.	1.0	3
10	Left atrial evaluation by cardiovascular magnetic resonance: sensitive and unique biomarkers. European Heart Journal Cardiovascular Imaging, 2021, 23, 14-30.	0.5	19
11	MVnet: automated time-resolved tracking of the mitral valve plane in CMR long-axis cine images with residual neural networks: a multi-center, multi-vendor study. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 137.	1.6	6
12	Extracellular pH mapping of liver cancer on a clinical 3T MRI scanner. Magnetic Resonance in Medicine, 2020, 83, 1553-1564.	1.9	30
13	Valvular imaging in the era of featureâ€“tracking: A sliceâ€“following cardiac MR sequence to measure mitral flow. Journal of Magnetic Resonance Imaging, 2020, 51, 1412-1421.	1.9	5
14	Interleaved, undersampled radial multipleâ€“acquisition steadyâ€“state free precession for improved left atrial cine imaging. Magnetic Resonance in Medicine, 2020, 83, 1721-1729.	1.9	4
15	Left Atrial Late Gadolinium Enhancement is Associated With Incident Atrial Fibrillation as Detected by Continuous Monitoring With Implantable Loop Recorders. JACC: Cardiovascular Imaging, 2020, 13, 1690-1700.	2.3	22
16	Molecular Imaging of Extracellular Tumor pH to Reveal Effects of Locoregional Therapy on Liver Cancer Microenvironment. Clinical Cancer Research, 2020, 26, 428-438.	3.2	34
17	Idarubicin-Loaded ONCOZENE Drug-Eluting Bead Chemoembolization in a Rabbit Liver Tumor Model: Investigating Safety, Therapeutic Efficacy, and Effects on Tumor Microenvironment. Journal of Vascular and Interventional Radiology, 2020, 31, 1706-1716.e1.	0.2	9
18	SUPER: A blockwise curveâ€“fitting method for accelerating MR parametric mapping with fast reconstruction. Magnetic Resonance in Medicine, 2019, 81, 3515-3529.	1.9	7

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19	Dynamic flip angle ECG gating with nuisance signal regression improves resting-state BOLD functional connectivity mapping by reducing cardiogenic noise. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 911-923.	1.9	2
20	Basic Principles of Cardiovascular Magnetic Resonance. , 2019, , 1-14.e2.		9
21	Left atrial fibrosis correlates with extent of left ventricular myocardial delayed enhancement and left ventricular strain in hypertrophic cardiomyopathy. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1309-1318.	0.7	19
22	Prognostic and functional implications of left atrial late gadolinium enhancement cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 2.	1.6	31
23	REPAIRit: Improving Myocardial Nulling and Ghosting Artifacts of 3D Navigator-Gated Late Gadolinium Enhancement Imaging During Arrhythmia. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 688-699.	1.9	8
24	Pulmonary Vein and Left Atrial Imaging. , 2019, , 500-508.e3.		0
25	Diffusion Tensor CMR. <i>JACC Basic To Translational Science</i> , 2018, 3, 110-113.	1.9	0
26	Reverse double inversion recovery: Improving motion robustness of cardiac T ₂ -weighted dark-blood turbo spin echo sequence. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1498-1508.	1.9	4
27	Assessment of diastolic function and atrial remodeling by MRI - validation and correlation with echocardiography and filling pressure. <i>Physiological Reports</i> , 2018, 6, e13828.	0.7	18
28	Advanced Imaging of the Left Atrium with Cardiac Magnetic Resonance: A Review of Current and Emerging Methods and Clinical Applications. <i>Current Radiology Reports</i> , 2018, 6, 1.	0.4	3
29	CMR-Verified Lower LA Strain in the Presence of Regional Atrial Fibrosis in Atrial Fibrillation. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 207-208.	2.3	13
30	An Efficient Reconstruction Algorithm Based on the Alternating Direction Method of Multipliers for Joint Estimation of $\{R_{2}^{\ast}\}$ and Off-Resonance in fMRI. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1326-1336.	5.4	7
31	O-space with high resolution readouts outperforms radial imaging. <i>Magnetic Resonance Imaging</i> , 2017, 37, 107-115.	1.0	8
32	Method of B ₀ mapping with magnitude-based correction for bipolar two-point Dixon cardiac MRI. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1862-1869.	1.9	8
33	Experimental O-space turbo spin echo imaging. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1654-1661.	1.9	16
34	Atrial fibrosis segmentation thresholds: a theoretical and empirical study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P209.	1.6	2
35	T1-refBlochi: high resolution 3D post-contrast T1 myocardial mapping based on a single 3D late gadolinium enhancement volume, Bloch equations, and a reference T1. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 63.	1.6	16
36	Algebraic reconstruction technique for parallel imaging reconstruction of undersampled radial data: Application to cardiac cine. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 1643-1653.	1.9	8

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37	Pseudo-random center placement O-space imaging for improved incoherence compressed sensing parallel MRI. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2212-2224.	1.9	20
38	Accelerate data acquisition using Turbo Spin Echo and O-Space. , 2014, , .		1
39	Left atrial late gadolinium enhancement with water-fat separation: The importance of phase-encoding order. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 119-125.	1.9	12
40	Left atrial remodeling by MRI: comparison in patients with and without cardiovascular disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, P152.	1.6	0
41	Comparison of electroanatomic voltage mapping with late gadolinium enhancement CMR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, P153.	1.6	0
42	Three-dimensional late gadolinium-enhanced mr imaging of the left atrium: A comparison of spiral versus Cartesian k-space trajectories. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 211-216.	1.9	9
43	Multiecho acquisition of O-space data. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1648-1657.	1.9	7
44	Cardiovascular Magnetic Resonance Imaging of Scar Development Following Pulmonary Vein Isolation: A Prospective Study. <i>PLoS ONE</i> , 2014, 9, e104844.	1.1	12
45	Evaluation of current algorithms for segmentation of scar tissue from late Gadolinium enhancement cardiovascular magnetic resonance of the left atrium: an open-access grand challenge. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 105.	1.6	136
46	Aortic injury is common following pulmonary vein isolation. <i>Heart Rhythm</i> , 2013, 10, 653-658.	0.3	5
47	Respiratory bellows-gated late gadolinium enhancement of the left atrium. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1210-1214.	1.9	16
48	Relationship of Ostial Pulmonary Vein Scar with Reduction in Pulmonary Vein Size after Radiofrequency Ablation for the Treatment of Atrial Fibrillation: An Observational Cohort Study. <i>Journal of Atrial Fibrillation</i> , 2013, 5, 788.	0.5	2
49	The role of nonlinear gradients in parallel imaging: A k-space based analysis. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2012, 40A, 253-267.	0.2	15
50	LGE of left atrial ablation lesions: effect of imaging time on lesion visualization. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, .	1.6	0
51	Respiratory bellows-gated left atrial late gadolinium enhancement. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, .	1.6	0
52	Respiratory bellows revisited for motion compensation: Preliminary experience for cardiovascular MR. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1097-1102.	1.9	73
53	Pulmonary vein inflow artifact reduction for free-breathing left atrium late gadolinium enhancement. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 180-186.	1.9	22
54	Hypertrophic Cardiomyopathy: Quantification of Late Gadolinium Enhancement with Contrast-enhanced Cardiovascular MR Imaging. <i>Radiology</i> , 2011, 258, 128-133.	3.6	137

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55	Association of Left Atrial Fibrosis Detected by Delayed Enhancement Magnetic Resonance Imaging and Risk of Stroke in Patients with Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2011, 4, 384.	0.5	0
56	Evaluation of Papillary Muscle Function Using Cardiovascular Magnetic Resonance Imaging in Mitral Valve Prolapse. <i>American Journal of Cardiology</i> , 2010, 106, 243-248.	0.7	29
57	Noncontrast SSFP pulmonary vein magnetic resonance angiography: Impact of off-resonance and flow. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 1255-1261.	1.9	23
58	Optimization of on-resonant magnetization transfer contrast in coronary vein MRI. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1849-1854.	1.9	5
59	Circumferential myocardial strain in cardiomyopathy with and without left bundle branch block. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, 2.	1.6	24
60	Late Gadolinium Enhancement of the Esophagus is Common on Cardiac MR Several Months after Pulmonary Vein Isolation: Preliminary Observations. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2010, 33, 661-666.	0.5	21
61	Basic Principles of Cardiovascular Magnetic Resonance * *Molarity of 1H can be estimated as approximately (2 moles hydrogen/mole H2O) \hat{A} (1mole H2O/18 g tissue). 1000 g/L (density of the body) \sim 100 mole/L. , 2010, , 3-18.		18
62	Pulmonary Vein Imaging. , 2010, , 441-449.		1
63	Coronary MR Imaging: Effect of Timing and Dose of Isosorbide Dinitrate Administration. <i>Radiology</i> , 2010, 254, 401-409.	3.6	21
64	Relationship between intended sites of RF ablation and post-procedural scar in AF patients, using late gadolinium enhancement cardiovascular magnetic resonance. <i>Heart Rhythm</i> , 2010, 7, 489-496.	0.3	61
65	Whole heart magnetization-prepared steady-state free precession coronary vein MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 1293-1299.	1.9	20
66	Left ventricular infarct size, peri-infarct zone, and papillary scar measurements: A comparison of high-resolution 3D and conventional 2D late gadolinium enhancement cardiac MR. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 794-800.	1.9	58
67	Shorter difference between myocardium and blood optimal inversion time suggests diffuse fibrosis in dilated cardiomyopathy. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 967-972.	1.9	29
68	Association of Thrombolysis in Myocardial Infarction Myocardial Perfusion Grade with cardiovascular magnetic resonance measures of infarct architecture after primary percutaneous coronary intervention for ST-segment elevation myocardial infarction. <i>American Heart Journal</i> , 2009, 158, 84-91.	1.2	18
69	Recurrence of Atrial Fibrillation Correlates With the Extent of Post-Procedural Late Gadolinium Enhancement. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 308-316.	2.3	157
70	2100 Correlation of left atrial scar due to pulmonary vein ablation with recorded ablation sites. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008, 10, .	1.6	0
71	2D free-breathing dual navigator-gated cardiac function validated against the 2D breath-hold acquisition. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 773-777.	1.9	31
72	Inflow quantification in three-dimensional cardiovascular MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1273-1279.	1.9	30

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73	Cardiovascular Magnetic Resonance Characterization of Mitral Valve Prolapse. JACC: Cardiovascular Imaging, 2008, 1, 294-303.	2.3	194
74	Left atrial function and scar after catheter ablation of atrial fibrillation. Heart Rhythm, 2008, 5, 656-662.	0.3	147
75	Evaluating the left atrium by magnetic resonance imaging. Europace, 2008, 10, iii22-iii27.	0.7	22
76	Assessment of Pulmonary Venous Anatomy. , 2008, , 613-630.		0
77	Detection of Pulmonary Vein and Left Atrial Scar after Catheter Ablation with Three-dimensional Navigator-gated Delayed Enhancement MR Imaging: Initial Experience¹. Radiology, 2007, 243, 690-695.	3.6	320
78	MRI evaluation of RF ablation scarring for atrial fibrillation treatment. , 2007, , .		5
79	Delayed-Enhancement Cardiovascular Magnetic Resonance Coronary Artery Wall Imaging. Journal of the American College of Cardiology, 2007, 50, 441-447.	1.2	108
80	Coronary magnetic resonance vein imaging: Imaging contrast, sequence, and timing. Magnetic Resonance in Medicine, 2007, 58, 1196-1206.	1.9	64
81	Characterizing radial undersampling artifacts for cardiac applications. Magnetic Resonance in Medicine, 2006, 55, 396-403.	1.9	29
82	Inversion recovery radial MRI with interleaved projection sets. Magnetic Resonance in Medicine, 2006, 55, 1150-1156.	1.9	16
83	Invasive human magnetic resonance imaging: Feasibility during revascularization in a combined XMR suite. Catheterization and Cardiovascular Interventions, 2005, 64, 265-274.	0.7	56
84	Pulmonary Vein Imaging: Comparison of 3D Magnetic Resonance Angiography with 2D Cine MRI for Characterizing Anatomy and Size. Journal of Cardiovascular Magnetic Resonance, 2005, 7, 355-360.	1.6	25
85	Real-Time Magnetic Resonance-Guided Endovascular Repair of Experimental Abdominal Aortic Aneurysm in Swine. Journal of the American College of Cardiology, 2005, 45, 2069-2077.	1.2	61
86	3D breath-held cardiac function with projection reconstruction in steady state free precession validated using 2D cine MRI. Journal of Magnetic Resonance Imaging, 2004, 20, 411-416.	1.9	45
87	Reduced field of view and undersampled PR combined for interventional imaging of a fully dynamic field of view. Magnetic Resonance in Medicine, 2004, 51, 761-767.	1.9	16
88	MRI-guided drug and cell injection therapies for heart disease. , 2004, , 437-447.		0
89	Undersampled projection reconstruction for active catheter imaging with adaptable temporal resolution and catheter-only views. Magnetic Resonance in Medicine, 2003, 49, 216-222.	1.9	46
90	Centering the projection reconstruction trajectory: Reducing gradient delay errors. Magnetic Resonance in Medicine, 2003, 50, 1-6.	1.9	138

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91	Magnetic Resonance Fluoroscopy Allows Targeted Delivery of Mesenchymal Stem Cells to Infarct Borders in Swine. <i>Circulation</i> , 2003, 108, 2899-2904.	1.6	218
92	Catheter-Based Endomyocardial Injection With Real-Time Magnetic Resonance Imaging. <i>Circulation</i> , 2002, 105, 1282-1284.	1.6	134
93	Multislice first-pass cardiac perfusion MRI: Validation in a model of myocardial infarction. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 482-491.	1.9	72
94	High-resolution MRI of cardiac function with projection reconstruction and steady-state free precession. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 82-88.	1.9	49
95	Catheter-based endomyocardial injection with real-time magnetic resonance imaging. <i>Circulation</i> , 2002, 105, 1282-4.	1.6	65
96	Myocardial wall tagging with undersampled projection reconstruction. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 562-567.	1.9	37
97	Undersampled projection reconstruction applied to MR angiography. <i>Magnetic Resonance in Medicine</i> , 2000, 43, 91-101.	1.9	346
98	Undersampled projection-reconstruction imaging for time-resolved contrast-enhanced imaging. <i>Magnetic Resonance in Medicine</i> , 2000, 43, 170-176.	1.9	103
99	3D MR DSA: Effects of injection protocol and image masking. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 476-487.	1.9	47
100	Undersampled projection reconstruction applied to MR angiography. , 2000, 43, 91.		1
101	Undersampled projection-reconstruction imaging for time-resolved contrast-enhanced imaging Presented in part at the 7th Scientific Meeting of the International Society for Magnetic Resonance in Medicine, May 22-28, 1999, Philadelphia, Pennsylvania.. <i>Magnetic Resonance in Medicine</i> , 2000, 43, 170.	1.9	2
102	3D Time-resolved contrast-enhanced MR DSA: Advantages and tradeoffs. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 571-581.	1.9	93
103	Coronary flow and flow reserve in canines using MR phase difference and complex difference processing. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 656-665.	1.9	10
104	Steady-state and dynamic MR angiography with MS-325: initial experience in humans.. <i>Radiology</i> , 1998, 207, 539-544.	3.6	240
105	Effects of through-plane myocardial motion on phase-difference and complex-difference measurements of absolute coronary artery flow. <i>Journal of Magnetic Resonance Imaging</i> , 1996, 6, 113-123.	1.9	22