

Claudia Prieto

List of Publications by Year in descending order

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Version: 2024-02-01

150
papers

3,414
citations

136740

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152
docs citations

152
times ranked

2459
citing authors

#	ARTICLE	IF	CITATIONS
1	Channel Attention Networks for Robust MR Fingerprint Matching. IEEE Transactions on Biomedical Engineering, 2022, 69, 1398-1405.	2.5	4
2	An MR fingerprinting approach for quantitative inhomogeneous magnetization transfer imaging. Magnetic Resonance in Medicine, 2022, 87, 220-235.	1.9	7
3	Generalized low-rank nonrigid motion-corrected reconstruction for MR fingerprinting. Magnetic Resonance in Medicine, 2022, 87, 746-763.	1.9	22
4	Innovations in Cardiovascular MR and PET-MR Imaging. , 2022, , 265-309.		2
5	Self-supervised learning-based diffeomorphic non-rigid motion estimation for fast motion-compensated coronary MR angiography. Magnetic Resonance Imaging, 2022, 85, 10-18.	1.0	7
6	Simultaneous comprehensive liver T_1 , T_2 , $T_1\rho$, and fat fraction characterization with MR fingerprinting. Magnetic Resonance in Medicine, 2022, 87, 1980-1991.	1.9	15
7	Simultaneous T_1 , T_2 , and $T_1\rho$ cardiac magnetic resonance fingerprinting for contrast agent-free myocardial tissue characterization. Magnetic Resonance in Medicine, 2022, 87, 1992-2002.	1.9	21
8	Whole-heart non-rigid motion corrected coronary MRA with autofocus virtual 3D iNAV. Magnetic Resonance Imaging, 2022, 87, 169-176.	1.0	7
9	Quality-Aware Cine Cardiac MRI Reconstruction and Analysis from Undersampled K-Space Data. Lecture Notes in Computer Science, 2022, , 12-20.	1.0	3
10	Efficient non-contrast enhanced 3D Cartesian cardiovascular magnetic resonance angiography of the thoracic aorta in 3 min. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 5.	1.6	4
11	Myocardial T_1 , T_2 , T_2^* , and fat fraction quantification via low-rank motion-corrected cardiac MR fingerprinting. Magnetic Resonance in Medicine, 2022, 87, 2757-2774.	1.9	21
12	Non-rigid motion-corrected free-breathing 3D myocardial Dixon LGE imaging in a clinical setting. European Radiology, 2022, 32, 4340-4351.	2.3	5
13	A Survey on Deep Learning and Explainability for Automatic Report Generation from Medical Images. ACM Computing Surveys, 2022, 54, 1-40.	16.1	20
14	High-resolution non-contrast free-breathing coronary cardiovascular magnetic resonance angiography for detection of coronary artery disease: validation against invasive coronary angiography. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 26.	1.6	10
15	Accelerating 3D MTC-BOOST in patients with congenital heart disease using a joint multi-scale variational neural network reconstruction. Magnetic Resonance Imaging, 2022, 92, 120-132.	1.0	4
16	Comparison of parameter optimization methods for quantitative susceptibility mapping. Magnetic Resonance in Medicine, 2021, 85, 480-494.	1.9	12
17	3D Dixon water-fat LGE imaging with image navigator and compressed sensing in cardiac MRI. European Radiology, 2021, 31, 3951-3961.	2.3	17
18	Machine learning in cardiovascular radiology: ESCR position statement on design requirements, quality assessment, current applications, opportunities, and challenges. European Radiology, 2021, 31, 3909-3922.	2.3	19

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19	Quantitative magnetization transfer imaging for non-contrast enhanced detection of myocardial fibrosis. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2069-2083.	1.9	1
20	Fully self-gated free-running 3D Cartesian cardiac CINE with isotropic whole-heart coverage in less than 2 min. <i>NMR in Biomedicine</i> , 2021, 34, e4409.	1.6	13
21	Non-Rigid Respiratory Motion Estimation of Whole-Heart Coronary MR Images Using Unsupervised Deep Learning. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 444-454.	5.4	33
22	T_1 , T_2 and Fat Fraction Cardiac MR Fingerprinting: Preliminary Clinical Evaluation. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1253-1265.	1.9	27
23	A Spatial Off-Resonance Correction in Spirals for Magnetic Resonance Fingerprinting. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 3832-3842.	5.4	3
24	LAPNet: Non-Rigid Registration Derived in k -Space for Magnetic Resonance Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 3686-3697.	5.4	19
25	Thrombosis and Embolism. , 2021, , 1225-1244.		0
26	High-Spatial-Resolution 3D Whole-Heart MRI T2 Mapping for Assessment of Myocarditis. <i>Radiology</i> , 2021, 298, 578-586.	3.6	14
27	Elastic AlignedSENSE for Dynamic MR Reconstruction: A Proof of Concept in Cardiac Cine. <i>Entropy</i> , 2021, 23, 555.	1.1	0
28	MRI-Guided Motion-Corrected PET Image Reconstruction for Cardiac PET/MRI. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1768-1774.	2.8	10
29	3D whole-heart grey-blood late gadolinium enhancement cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 62.	1.6	4
30	Synergistic multi-contrast cardiac magnetic resonance image reconstruction. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200197.	1.6	4
31	Clinical comparison of sub-mm high-resolution non-contrast coronary CMR angiography against coronary CT angiography in patients with low-intermediate risk of coronary artery disease: a single center trial. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 57.	1.6	28
32	Evaluation of accelerated motion-compensated 3d water/fat late gadolinium enhanced MR for atrial wall imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 877-887.	1.1	4
33	End-to-end deep learning nonrigid motion-corrected reconstruction for highly accelerated free-breathing coronary MRA. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1983-1996.	1.9	21
34	Complementary time-frequency domain networks for dynamic parallel MR image reconstruction. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 3274-3291.	1.9	21
35	Deep learning based super-resolution for 3D isotropic coronary MR angiography in less than a minute. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2837-2852.	1.9	32
36	Coronary Magnetic Resonance Angiography in Chronic Coronary Syndromes. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 682924.	1.1	10

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37	Current Applications and Future Development of Magnetic Resonance Fingerprinting in Diagnosis, Characterization, and Response Monitoring in Cancer. <i>Cancers</i> , 2021, 13, 4742.	1.7	5
38	Artificial Intelligence in Cardiac MRI: Is Clinical Adoption Forthcoming?. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 818765.	1.1	13
39	Weighted Manifold Alignment using Wave Kernel Signatures for Aligning Medical Image Datasets. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020, 42, 988-997.	9.7	6
40	Whole-heart T1 mapping using a 2D fat image navigator for respiratory motion compensation. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 178-187.	1.9	6
41	Accelerated free-breathing whole-heart 3D T ₂ mapping with high isotropic resolution. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 988-1002.	1.9	14
42	3D Whole-heart free-breathing qBOOST T ₂ mapping. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1673-1687.	1.9	10
43	Water-fat Dixon cardiac magnetic resonance fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2107-2123.	1.9	48
44	SIRF: Synergistic Image Reconstruction Framework. <i>Computer Physics Communications</i> , 2020, 249, 107087.	3.0	35
45	PET/MRI of atherosclerosis. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1120-1139.	0.7	17
46	Motion-corrected 3D whole-heart water-fat high-resolution late gadolinium enhancement cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 53.	1.6	24
47	Deep Learning-Based Detection and Correction of Cardiac MR Motion Artefacts During Reconstruction for High-Quality Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 4001-4010.	5.4	49
48	3D free-breathing cardiac magnetic resonance fingerprinting. <i>NMR in Biomedicine</i> , 2020, 33, e4370.	1.6	37
49	CINENet: deep learning-based 3D cardiac CINE MRI reconstruction with multi-coil complex-valued 4D spatio-temporal convolutions. <i>Scientific Reports</i> , 2020, 10, 13710.	1.6	122
50	Accelerated high-resolution free-breathing 3D whole-heart T2-prepared black-blood and bright-blood cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 88.	1.6	4
51	Multi-parametric liver tissue characterization using MR fingerprinting: Simultaneous T ₁ , T ₂ , T ₂ * and fat fraction mapping. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2625-2635.	1.9	50
52	3D whole-heart isotropic-resolution motion-compensated joint T ₁ /T ₂ mapping and water/fat imaging. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 3009-3026.	1.9	23
53	Coronary Magnetic Resonance Angiography. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2653-2672.	2.3	25
54	From Compressed-Sensing to Artificial Intelligence-Based Cardiac MRI Reconstruction. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 17.	1.1	85

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55	Motion-corrected and high-resolution anatomically assisted (MOCHA) reconstruction of arterial spin labeling MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1306-1320.	1.9	4
56	Contrast-free high-resolution 3D magnetization transfer imaging for simultaneous myocardial scar and cardiac vein visualization. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 627-640.	1.1	4
57	Free-running cardiac magnetic resonance fingerprinting: Joint T1/T2 map and Cine imaging. <i>Magnetic Resonance Imaging</i> , 2020, 68, 173-182.	1.0	38
58	Respiratory motion-compensated high-resolution 3D whole-heart T1 mapping. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 12.	1.6	23
59	A multi-scale variational neural network for accelerating motion-compensated whole-heart 3D coronary MR angiography. <i>Magnetic Resonance Imaging</i> , 2020, 70, 155-167.	1.0	32
60	Faster 3D saturation-recovery based myocardial T1 mapping using a reduced number of saturation points and denoising. <i>PLoS ONE</i> , 2020, 15, e0221071.	1.1	4
61	3D whole-heart isotropic sub-millimeter resolution coronary magnetic resonance angiography with non-rigid motion-compensated PROST. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 24.	1.6	37
62	Isotropic 3D Cartesian single breath-hold CINE MRI with multi-bin patch-based low-rank reconstruction. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2018-2033.	1.9	20
63	Accelerated 4D Respiratory Motion-Resolved Cardiac MRI with a Model-Based Variational Network. <i>Lecture Notes in Computer Science</i> , 2020, , 427-435.	1.0	1
64	Specialized Mapping Methods in the Heart. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2020, 1, 91-121.	0.0	0
65	Five-minute whole-heart coronary MRA with sub-millimeter isotropic resolution, 100% respiratory scan efficiency, and 3D PROST reconstruction. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 102-115.	1.9	73
66	Magnetic Resonance Fingerprinting Using Recurrent Neural Networks. , 2019, , .		18
67	Free-running simultaneous myocardial T1/T2 mapping and cine imaging with 3D whole-heart coverage and isotropic spatial resolution. <i>Magnetic Resonance Imaging</i> , 2019, 63, 159-169.	1.0	29
68	Cardiac Magnetic Resonance Fingerprinting: Technical Developments and Initial Clinical Validation. <i>Current Cardiology Reports</i> , 2019, 21, 91.	1.3	20
69	3D Cartesian fast interrupted steady-state (FISS) imaging. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1617-1630.	1.9	7
70	Free-running 3D whole heart myocardial T1 mapping with isotropic spatial resolution. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1331-1342.	1.9	36
71	Automatic CNN-based detection of cardiac MR motion artefacts using k-space data augmentation and curriculum learning. <i>Medical Image Analysis</i> , 2019, 55, 136-147.	7.0	71
72	Accelerated 3D T2-weighted imaging of the prostate with 1-millimeter isotropic resolution in less than 3 minutes. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 721-731.	1.9	11

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73	Simultaneous 3D whole-heart bright-blood and black blood imaging for cardiovascular anatomy and wall assessment with interleaved T ₂ prep. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 312-325.	1.9	8
74	High-dimensionality undersampled patch-based reconstruction (HD-PROST) for accelerated multi-contrast MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3705-3719.	1.9	79
75	Motion corrected water/fat whole-heart coronary MR angiography with 100% respiratory efficiency. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 732-742.	1.9	18
76	Molecular and Nonmolecular Magnetic Resonance Coronary and Carotid Imaging. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 569-582.	1.1	13
77	Sparsity and locally low rank regularization for MR fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3530-3543.	1.9	46
78	Non-contrast enhanced simultaneous 3D whole-heart bright-blood pulmonary veins visualization and black-blood quantification of atrial wall thickness. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1066-1079.	1.9	20
79	Rigid motion-corrected magnetic resonance fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 947-961.	1.9	37
80	Space-time variant weighted regularization in compressed sensing cardiac cine MRI. <i>Magnetic Resonance Imaging</i> , 2019, 58, 44-55.	1.0	5
81	Respiratory- and cardiac motion-corrected simultaneous whole-heart PET and dual phase coronary MR angiography. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1671-1684.	1.9	11
82	Accelerated 3D T ₂ mapping with dictionary-based matching for prostate imaging. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1795-1805.	1.9	16
83	Multi-modal synergistic PET and MR reconstruction using mutually weighted quadratic priors. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2120-2134.	1.9	17
84	3D SASHA myocardial T1 mapping with high accuracy and improved precision. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019, 32, 281-289.	1.1	12
85	Detection and Correction of Cardiac MRI Motion Artefacts During Reconstruction from k-space. <i>Lecture Notes in Computer Science</i> , 2019, , 695-703.	1.0	16
86	Atherosclerotic Plaque Imaging. , 2019, , 343-351.e3.		0
87	Magnetic Resonance Imaging of Coronary Arteries. , 2019, , 291-299.e5.		0
88	Optimized respiratory-resolved motion-compensated 3D Cartesian coronary MR angiography. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2618-2629.	1.9	27
89	Synergistic PET and SENSE MR Image Reconstruction Using Joint Sparsity Regularization. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 20-34.	5.4	35
90	Motion-corrected simultaneous cardiac positron emission tomography and coronary MR angiography with high acquisition efficiency. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 339-350.	1.9	42

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91	Simultaneous bright- and black-blood whole-heart MRI for noncontrast enhanced coronary lumen and thrombus visualization. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1460-1472.	1.9	33
92	Technical note: Accelerated nonrigid motion-compensated isotropic 3D coronary MR angiography. <i>Medical Physics</i> , 2018, 45, 214-222.	1.6	19
93	Cardiac MR Angiography. , 2018, , 399-432.		0
94	Deep Learning Using K-Space Based Data Augmentation for Automated Cardiac MR Motion Artefact Detection. <i>Lecture Notes in Computer Science</i> , 2018, , 250-258.	1.0	13
95	Evaluation of Strategies for PET Motion Correction - Manifold Learning vs. Deep Learning. <i>Lecture Notes in Computer Science</i> , 2018, , 61-69.	1.0	2
96	Cardiac MR Motion Artefact Correction from K-space Using Deep Learning-Based Reconstruction. <i>Lecture Notes in Computer Science</i> , 2018, , 21-29.	1.0	18
97	MRI slice stacking using manifold alignment and wave kernel signatures. , 2018, , .		3
98	PET-MR respiratory signal estimation using semi-supervised manifold alignment. , 2018, , .		1
99	Motion-corrected whole-heart PET-MR for the simultaneous visualisation of coronary artery integrity and myocardial viability: an initial clinical validation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1975-1986.	3.3	27
100	Accelerated magnetic resonance fingerprinting using soft-weighted key-hole (MRF-SOHO). <i>PLoS ONE</i> , 2018, 13, e0201808.	1.1	14
101	Technical Advances and Clinical Perspectives in Coronary MR Imaging. , 2018, , 321-344.		0
102	Highly efficient nonrigid motion-corrected 3D whole-heart coronary vessel wall imaging. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1894-1908.	1.9	85
103	High-Resolution Self-Gated Dynamic Abdominal MRI Using Manifold Alignment. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 960-971.	5.4	17
104	Free breathing whole-heart 3D CINE MRI with self-gated Cartesian trajectory. <i>Magnetic Resonance Imaging</i> , 2017, 38, 129-137.	1.0	53
105	Efficient Deformable Motion Correction for 3-D Abdominal MRI Using Manifold Regression. <i>Lecture Notes in Computer Science</i> , 2017, , 270-278.	1.0	1
106	Multi-modal weighted quadratic priors for robust intensity independent synergistic PET-MR reconstruction. , 2017, , .		0
107	SIRF: Synergistic Image Reconstruction Framework. , 2017, , .		4
108	Whole-Heart Single Breath-Hold Cardiac Cine: A Robust Motion-Compensated Compressed Sensing Reconstruction Method. <i>Lecture Notes in Computer Science</i> , 2017, , 58-69.	1.0	1

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109	PET image reconstruction using multi-parametric anato-functional priors. Physics in Medicine and Biology, 2017, 62, 5975-6007.	1.6	54
110	Accelerated motion corrected three-dimensional abdominal MRI using total variation regularized SENSE reconstruction. Magnetic Resonance in Medicine, 2016, 75, 1484-1498.	1.9	69
111	Multiresolution reconstruction of real-time MRI with motion compensated compressed sensing: Application to 2D free-breathing cardiac MRI. , 2016, , .		0
112	Highly efficient motion-corrected simultaneous cardiac PET-MR imaging. , 2016, , .		0
113	Accelerating dual cardiac phase images using undersampled radial phase encoding trajectories. Magnetic Resonance Imaging, 2016, 34, 1017-1025.	1.0	1
114	Accelerated cardiac cine MRI using locally low rank and finite difference constraints. Magnetic Resonance Imaging, 2016, 34, 707-714.	1.0	43
115	MR-Based Cardiac and Respiratory Motion-Compensation Techniques for PET-MR Imaging. PET Clinics, 2016, 11, 179-191.	1.5	40
116	3D whole-heart phase sensitive inversion recovery CMR for simultaneous black-blood late gadolinium enhancement and bright-blood coronary CMR angiography. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 94.	1.6	32
117	Dynamic Volume Reconstruction from Multi-slice Abdominal MRI Using Manifold Alignment. Lecture Notes in Computer Science, 2016, , 493-501.	1.0	2
118	100% Efficient three-dimensional coronary MR angiography with two-dimensional beat-to-beat translational and bin-to-bin affine motion correction. Magnetic Resonance in Medicine, 2015, 74, 756-764.	1.9	38
119	Manifold learning based ECG-free free-breathing cardiac CINE MRI. Journal of Magnetic Resonance Imaging, 2015, 41, 1521-1527.	1.9	35
120	Highly efficient respiratory motion compensated free-breathing coronary mra using golden-step Cartesian acquisition. Journal of Magnetic Resonance Imaging, 2015, 41, 738-746.	1.9	121
121	Comparison of image-based and reconstruction-based respiratory motion correction for golden radial phase encoding coronary MR angiography. Journal of Magnetic Resonance Imaging, 2015, 42, 964-971.	1.9	5
122	Whole left ventricular functional assessment from two minutes free breathing multi-slice CINE acquisition. Physics in Medicine and Biology, 2015, 60, N93-N107.	1.6	11
123	Compressive manifold learning: Estimating one-dimensional respiratory motion directly from undersampled k-space data. Magnetic Resonance in Medicine, 2014, 72, 1130-1140.	1.9	15
124	CMRA with 100% navigator efficiency with 3D self navigation and interleaved scanning. Journal of Cardiovascular Magnetic Resonance, 2014, 16, O8.	1.6	11
125	Retrospective Rigid Motion Correction in k-Space for Segmented Radial MRI. IEEE Transactions on Medical Imaging, 2014, 33, 1-10.	5.4	32
126	Three-dimensional late gadolinium-enhanced mr imaging of the left atrium: A comparison of spiral versus Cartesian k-space trajectories. Journal of Magnetic Resonance Imaging, 2014, 39, 211-216.	1.9	9

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127	A 3D MR-acquisition scheme for nonrigid bulk motion correction in simultaneous PET-MR. Medical Physics, 2014, 41, 082304.	1.6	33
128	A 3D MR-acquisition scheme for non-rigid bulk motion correction in simultaneous PET-MR. EJNMMI Physics, 2014, 1, A37.	1.3	2
129	Cardiac functional assessment without electrocardiogram using physiological self-navigation. Magnetic Resonance in Medicine, 2014, 71, 942-954.	1.9	14
130	Whole-Heart Coronary MRA with 3D Affine Motion Correction Using 3D Image-Based Navigation. Magnetic Resonance in Medicine, 2014, 71, 173-181.	1.9	42
131	Group sparse reconstruction using intensity-based clustering. Magnetic Resonance in Medicine, 2013, 69, 1169-1179.	1.9	16
132	Calcium (Ca ²⁺) waves data calibration and analysis using image processing techniques. BMC Bioinformatics, 2013, 14, 162.	1.2	1
133	A New Method to Quantify Aortic Biomechanics In Vivo Using Four-Dimensional Magnetic Resonance Imaging (4D MRI): Implications for Ascending Aortic Endografts. Journal of Vascular Surgery, 2013, 57, 20S.	0.6	0
134	Highly efficient 3D motion-compensated abdomen MRI from undersampled golden-RPE acquisitions. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2013, 26, 419-429.	1.1	23
135	Motion corrected compressed sensing for free-breathing dynamic cardiac MRI. Magnetic Resonance in Medicine, 2013, 70, 504-516.	1.9	142
136	Improved UTE-based attenuation correction for cranial PET-MR using dynamic magnetic field monitoring. Medical Physics, 2013, 41, 012302.	1.6	39
137	Accelerating three-dimensional molecular cardiovascular MR imaging using compressed sensing. Journal of Magnetic Resonance Imaging, 2012, 36, 1362-1371.	1.9	6
138	Prospective high-resolution respiratory-resolved whole-heart MRI for image-guided cardiovascular interventions. Magnetic Resonance in Medicine, 2012, 68, 205-213.	1.9	11
139	Nonrigid Motion Modeling of the Liver From 3-D Undersampled Self-Gated Golden-Radial Phase Encoded MRI. IEEE Transactions on Medical Imaging, 2012, 31, 805-815.	5.4	55
140	Whole-heart coronary MR angiography with 2D self-navigated image reconstruction. Magnetic Resonance in Medicine, 2012, 67, 437-445.	1.9	135
141	TRIO a Technique for Reconstruction Using Intensity Order: Application to Undersampled MRI. IEEE Transactions on Medical Imaging, 2011, 30, 1566-1576.	5.4	3
142	Fast group sparse: A method for accelerating dynamic MRI. Magnetic Resonance in Medicine, 2011, 66, 1163-1176.	1.9	78
143	Highly efficient whole-heart imaging using radial phase encoding-phase ordering with automatic window selection. Magnetic Resonance in Medicine, 2011, 66, 1008-1018.	1.9	16
144	A computationally efficient OMP-based compressed sensing reconstruction for dynamic MRI. Physics in Medicine and Biology, 2011, 56, N99-N114.	1.6	12

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145	Model-based reconstruction for cardiac cine MRI without ECG or breath holding. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1247-1257.	1.9	36
146	3D undersampled golden-radial phase encoding for DCE-MRA using inherently regularized iterative SENSE. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 514-526.	1.9	47
147	Whole-heart imaging using undersampled radial phase encoding (RPE) and iterative sensitivity encoding (SENSE) reconstruction. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1331-1337.	1.9	25
148	Reconstruction of undersampled dynamic images by modeling the motion of object elements. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 939-949.	1.9	20
149	Motion Estimation Applied to Reconstruct Undersampled Dynamic MRI. , 2007, , 522-532.		0
150	Magnetization Transfer <scp>BOOST</scp> Noncontrast Angiography Improves Pulmonary Vein Imaging in Adults With Congenital Heart Disease. <i>Journal of Magnetic Resonance Imaging</i> , 0, , .	1.9	1