

Sajan Goud Lingala

List of Publications by Year in descending order

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34
papers

1,394
citations

516710

16
h-index

642732

23
g-index

34
all docs

34
docs citations

34
times ranked

1366
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Low Rank Column-Wise Compressive Sensing For Accelerated Dynamic MRI. , 2022, , .		2
2	A multispeaker dataset of raw and reconstructed speech production real-time MRI video and 3D volumetric images. Scientific Data, 2021, 8, 187.	5.3	16
3	Optimizing constrained reconstruction in magnetic resonance imaging for signal detection. Physics in Medicine and Biology, 2021, 66, 145014.	3.0	4
4	Tracer kinetic models as temporal constraints during brain tumor DCE-MRI reconstruction. Medical Physics, 2020, 47, 37-51.	3.0	13
5	Accelerated Dynamic Magnetic Resonance Imaging Using Learned Representations: A New Frontier in Biomedical Imaging. IEEE Signal Processing Magazine, 2020, 37, 83-93.	5.6	5
6	Dynamic off-resonance correction for spiral real-time MRI of speech. Magnetic Resonance in Medicine, 2019, 81, 234-246.	3.0	24
7	3D dynamic MRI of the vocal tract during natural speech. Magnetic Resonance in Medicine, 2019, 81, 1511-1520.	3.0	26
8	Joint arterial input function and tracer kinetic parameter estimation from undersampled dynamic contrast-enhanced MRI using a model consistency constraint. Magnetic Resonance in Medicine, 2018, 79, 2804-2815.	3.0	20
9	A fast and flexible MRI system for the study of dynamic vocal tract shaping. Magnetic Resonance in Medicine, 2017, 77, 112-125.	3.0	53
10	Accelerated dynamic MRI using patch regularization for implicit motion compensation. Magnetic Resonance in Medicine, 2017, 77, 1238-1248.	3.0	33
11	Feasibility of through-time spiral generalized autocalibrating partial parallel acquisition for low latency accelerated real-time MRI of speech. Magnetic Resonance in Medicine, 2017, 78, 2275-2282.	3.0	17
12	Test-retest repeatability of human speech biomarkers from static and real-time dynamic magnetic resonance imaging. Journal of the Acoustical Society of America, 2017, 141, 3323-3336.	1.1	16
13	Direct estimation of tracer kinetic parameter maps from highly undersampled brain dynamic contrast enhanced MRI. Magnetic Resonance in Medicine, 2017, 78, 1566-1578.	3.0	42
14	High-resolution whole-brain DCE-MRI using constrained reconstruction: Prospective clinical evaluation in brain tumor patients. Medical Physics, 2016, 43, 2013-2023.	3.0	28
15	Recommendations for real-time speech MRI. Journal of Magnetic Resonance Imaging, 2016, 43, 28-44.	3.4	84
16	Blind Compressed Sensing Enables 3-Dimensional Dynamic Free Breathing Magnetic Resonance Imaging of Lung Volumes and Diaphragm Motion. Investigative Radiology, 2016, 51, 387-399.	6.2	10
17	Accelerated cardiac cine MRI using locally low rank and finite difference constraints. Magnetic Resonance Imaging, 2016, 34, 707-714.	1.8	43
18	GOCART: Golden-angle Cartesian randomized time-resolved 3D MRI. Magnetic Resonance Imaging, 2016, 34, 940-950.	1.8	30

#	ARTICLE	IF	CITATIONS
19	Accelerated whole-brain multi-parameter mapping using blind compressed sensing. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1175-1186.	3.0	46
20	Deformation Corrected Compressed Sensing (DC-CS): A Novel Framework for Accelerated Dynamic MRI. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 72-85.	8.9	71
21	Joint recovery of under sampled signals on a manifold: Application to free breathing cardiac MRI. , 2014, , .		4
22	A variable splitting based algorithm for fast multi-coil blind compressed sensing MRI reconstruction. , 2014, 2014, 2400-3.		5
23	Blind Compressive Sensing Dynamic MRI. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1132-1145.	8.9	173
24	Blind compressed sensing with sparse dictionaries for accelerated dynamic MRI. , 2013, , 5-8.		7
25	Accelerated dynamic MRI using sparse dictionary learning. , 2013, , .		0
26	Accelerating free breathing myocardial perfusion MRI using multi coil radial k - t SLR. <i>Physics in Medicine and Biology</i> , 2013, 58, 7309-7327.	3.0	25
27	A blind compressive sensing frame work for accelerated dynamic MRI. , 2012, , 1060-1063.		21
28	A Fast Majorize-Minimize Algorithm for the Recovery of Sparse and Low-Rank Matrices. <i>IEEE Transactions on Image Processing</i> , 2012, 21, 742-753.	9.8	40
29	Blind linear models for the recovery of dynamic MRI data. , 2011, , .		0
30	Accelerated Dynamic MRI Exploiting Sparsity and Low-Rank Structure: k - t SLR. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 1042-1054.	8.9	510
31	State-of-the-Art MRI Protocol for Comprehensive Assessment of Vocal Tract Structure and Function. , 0, , .		15
32	Illustrating the Production of the International Phonetic Alphabet Sounds Using Fast Real-Time Magnetic Resonance Imaging. , 0, , .		8
33	Improved Depiction of Tissue Boundaries in Vocal Tract Real-Time MRI Using Automatic Off-Resonance Correction. , 0, , .		3
34	Sensitivity of Quantitative RT-MRI Metrics of Vocal Tract Dynamics to Image Reconstruction Settings. , 0, , .		0