Sajan Goud Lingala

List of Publications by Year
in descending order

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	Accelerated Dynamic MRI Exploiting Sparsity and Low-Rank Structure: k-t SLR. IEEE Transactions on Medical Imaging, 2011, 30, 1042-1054.	8.9	510
2	Blind Compressive Sensing Dynamic MRI. IEEE Transactions on Medical Imaging, 2013, 32, 1132-1145.	8.9	173
3	Recommendations for real-time speech MRI. Journal of Magnetic Resonance Imaging, 2016, 43, 28-44.	3.4	84
4	Deformation Corrected Compressed Sensing (DC-CS): A Novel Framework for Accelerated Dynamic MRI. IEEE Transactions on Medical Imaging, 2015, 34, 72-85.	8.9	71
5	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
6	Accelerated whole‐brain multi‐parameter mapping using blind compressed sensing. Magnetic Resonance in Medicine, 2016, 75, 1175-1186.	3.0	46
7	Accelerated cardiac cine MRI using locally low rank and finite difference constraints. Magnetic Resonance Imaging, 2016, 34, 707-714.	1.8	43
8	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
9	A Fast Majorize–Minimize Algorithm for the Recovery of Sparse and Low-Rank Matrices. IEEE Transactions on Image Processing, 2012, 21, 742-753.	9.8	40
10	Accelerated dynamic MRI using patch regularization for implicit motion compensation. Magnetic Resonance in Medicine, 2017, 77, 1238-1248.	3.0	33
11	GOCART: GOlden-angle CArtesian randomized time-resolved 3D MRI. Magnetic Resonance Imaging, 2016, 34, 940-950.	1.8	30
12	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
13	3D dynamic MRI of the vocal tract during natural speech. Magnetic Resonance in Medicine, 2019, 81, 1511-1520.	3.0	26
14	Accelerating free breathing myocardial perfusion MRI using multi coil radial k–t SLR. Physics in Medicine and Biology, 2013, 58, 7309-7327.	3.0	25
15	Dynamic off‐resonance correction for spiral real‐time MRI of speech. Magnetic Resonance in Medicine, 2019, 81, 234-246.	3.0	24
16	A blind compressive sensing frame work for accelerated dynamic MRI. , 2012, , 1060-1063.		21
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	State-of-the-Art MRI Protocol for Comprehensive Assessment of Vocal Tract Structure and Function. , 0, , .		15
22	Tracer kinetic models as temporal constraints during brain tumor DCE–MRI reconstruction. Medical Physics, 2020, 47, 37-51.	3.0	13
23	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
24	Illustrating the Production of the International Phonetic Alphabet Sounds Using Fast Real-Time Magnetic Resonance Imaging. , 0, , .		8
25	Blind compressed sensing with sparse dictionaries for accelerated dynamic MRI. , 2013, , 5-8.		7
26	A variable splitting based algorithm for fast multi-coil blind compressed sensing MRI reconstruction. , 2014, 2014, 2400-3.		5
27	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
28	Joint recovery of under sampled signals on a manifold: Application to free breathing cardiac MRI. , 2014, , .		4
29	Optimizing constrained reconstruction in magnetic resonance imaging for signal detection. Physics in Medicine and Biology, 2021, 66, 145014.	3.0	4
30	Improved Depiction of Tissue Boundaries in Vocal Tract Real-Time MRI Using Automatic Off-Resonance Correction. , 0, , .		3
31	Fast Low Rank Column-Wise Compressive Sensing For Accelerated Dynamic MRI. , 2022, , .		2
32	Blind linear models for the recovery of dynamic MRI data. , 2011, , .		0
33	Accelerated dynamic MRI using sparse dictionary learning. , 2013, , .		0
34	Sensitivity of Quantitative RT-MRI Metrics of Vocal Tract Dynamics to Image Reconstruction Settings. , 0, , .		0