

In vivo O² space imaging with a dedicated 12 cm *Z*-axis using phase map calibration

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Citation Report

#	ARTICLE	IF	CITATIONS
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2	Single Echo MRI. PLoS ONE, 2014, 9, e86008.	1.1	6
3	Accelerate data acquisition using Turbo Spin Echo and O-Space. , 2014, , .		1
4	Multiecho acquisition of O-Space data. Magnetic Resonance in Medicine, 2014, 72, 1648-1657.	1.9	7
5	Local field of view imaging for alias-free undersampling with nonlinear spatial encoding magnetic fields. Magnetic Resonance in Medicine, 2014, 71, 1002-1014.	1.9	5
6	Single-shot imaging with higher-dimensional encoding using magnetic field monitoring and concomitant field correction. Magnetic Resonance in Medicine, 2015, 73, 1340-1357.	1.9	13
7	Radiofrequency pulse design using nonlinear gradient magnetic fields. Magnetic Resonance in Medicine, 2015, 74, 826-839.	1.9	10
8	Algebraic reconstruction technique for parallel imaging reconstruction of undersampled radial data: Application to cardiac cine. Magnetic Resonance in Medicine, 2015, 73, 1643-1653.	1.9	8
9	Accelerate single-shot data acquisitions using compressed sensing and FRONSAC imaging. , 2015, , .		1
10	MRI and fMRI Optimizations and Applications. , 2015, , 183-190.		0
11	Multi-slice MRI with the dynamic multi-coil technique. NMR in Biomedicine, 2015, 28, 1526-1534.	1.6	15
12	Two-dimensional imaging in a lightweight portable MRI scanner without gradient coils. Magnetic Resonance in Medicine, 2015, 73, 872-883.	1.9	125
13	Pseudo-random center placement O-Space imaging for improved incoherence compressed sensing parallel MRI. Magnetic Resonance in Medicine, 2015, 73, 2212-2224.	1.9	20
14	Experimental O-Space turbo spin echo imaging. Magnetic Resonance in Medicine, 2016, 75, 1654-1661.	1.9	16
15	Trajectory optimization based on the signal-to-noise ratio for spatial encoding with nonlinear encoding fields. Magnetic Resonance in Medicine, 2016, 76, 104-117.	1.9	9
16	Fast rotary nonlinear spatial acquisition (FRONSAC) imaging. Magnetic Resonance in Medicine, 2016, 75, 1154-1165.	1.9	16
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18	Optimization of Coil Element Configurations for a Matrix Gradient Coil. IEEE Transactions on Medical Imaging, 2018, 37, 284-292.	5.4	10

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20	An Irregular-Shaped Inward-Outward Ring-Pair Magnet Array With a Monotonic Field Gradient for 2D Head Imaging in Low-Field Portable MRI. IEEE Access, 2019, 7, 48715-48724.	2.6	17
21	Portable Low-Cost MRI System Based on Permanent Magnets/Magnet Arrays. Investigative Magnetic Resonance Imaging, 2019, 23, 179.	0.2	19
22	Effects of Encoding Fields of Permanent Magnet Arrays on Image Quality in Low-Field Portable MRI Systems. IEEE Access, 2019, 7, 80310-80327.	2.6	8
23	Clinical Potential of a New Approach to MRI Acceleration. Scientific Reports, 2019, 9, 1912.	1.6	8
24	Improved gradient-echo 3D magnetic resonance imaging using compressed sensing and Toeplitz encoding with phase-scrambled RF excitation. Medical Physics, 2020, 47, 1579-1589.	1.6	4
25	Spatio-temporal encoding by quadratic gradients in magnetic resonance imaging. Journal of Magnetic Resonance Open, 2020, 4-5, 100008.	0.5	0
26	Feasibility of diffusion weighting with a local inside-out nonlinear gradient coil for prostate MRI. Medical Physics, 2021, 48, 5804-5818.	1.6	4
27	Reducing the Complexity of Model-Based MRI Reconstructions via Sparsification. IEEE Transactions on Medical Imaging, 2021, 40, 2477-2486.	5.4	0
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