

Gabriel Ramos-Llorden

List of Publications by Year in descending order

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324
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping the human connectome using diffusion MRI at 300 mT/m gradient strength: Methodological advances and scientific impact. <i>NeuroImage</i> , 2022, 254, 118958.	4.2	18
2	SNR-enhanced diffusion MRI with structure-preserving low-rank denoising in reproducing kernel Hilbert spaces. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1614-1632.	3.0	13
3	A 48-channel receive array coil for mesoscopic diffusion-weighted MRI of ex vivo human brain on the 3 T connectome scanner. <i>NeuroImage</i> , 2021, 238, 118256.	4.2	13
4	Harmonization of in-plane resolution in CT using multiple reconstructions from single acquisitions. <i>Medical Physics</i> , 2021, 48, 6941-6961.	3.0	0
5	Connectome 2.0: Developing the next-generation ultra-high gradient strength human MRI scanner for bridging studies of the micro-, meso- and macro-connectome. <i>NeuroImage</i> , 2021, 243, 118530.	4.2	58
6	Joint Maximum Likelihood Estimation of Motion and T1 Parameters from Magnetic Resonance Images in a Super-resolution Framework: a Simulation Study. <i>Fundamenta Informaticae</i> , 2020, 172, 105-128.	0.4	4
7	High-fidelity, accelerated whole-brain submillimeter in vivo diffusion MRI using gSlider-spherical ridgelets (gSlider- SR). <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1781-1795.	3.0	28
8	NOVIFAST: A Fast Algorithm for Accurate and Precise VFA MRI T_1 Mapping. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 2414-2427.	8.9	10
9	Partial Discreteness: A Novel Prior for Magnetic Resonance Image Reconstruction. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1041-1053.	8.9	7
10	A Unified Maximum Likelihood Framework for Simultaneous Motion and T_1 Estimation in Quantitative MR T_1 Mapping. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 433-446.	8.9	17
11	Anisotropic Diffusion Filter With Memory Based on Speckle Statistics for Ultrasound Images. <i>IEEE Transactions on Image Processing</i> , 2015, 24, 345-358.	9.8	105