Pablo Irarrazaval

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4878472/publications.pdf

Version: 2024-02-01

27 papers	293 citations	1305906 8 h-index	1051228 16 g-index
27 all docs	27 docs citations	27 times ranked	491 citing authors

#	Article	IF	Citations
1	DeepSPIO: Super Paramagnetic Iron Oxide Particle Quantification Using Deep Learning in Magnetic Resonance Imaging. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 143-153.	9.7	12
2	Streaking artifact suppression of quantitative susceptibility mapping reconstructions via L1â€norm data fidelity optimization (L1â€QSM). Magnetic Resonance in Medicine, 2022, 87, 457-473.	1.9	5
3	3D Multiple Sound Source Localization by Proposed T-Shaped Circular Distributed Microphone Arrays in Combination with GEVD and Adaptive GCC-PHAT/ML Algorithms. Sensors, 2022, 22, 1011.	2.1	5
4	Comparison of parameter optimization methods for quantitative susceptibility mapping. Magnetic Resonance in Medicine, 2021, 85, 480-494.	1.9	12
5	A Spatial Off-Resonance Correction in Spirals for Magnetic Resonance Fingerprinting. IEEE Transactions on Medical Imaging, 2021, 40, 3832-3842.	5.4	3
6	Three-dimensional sound source localization by distributed microphone arrays. , 2021, , .		3
7	PET Reconstruction With Non-Negativity Constraint in Projection Space: Optimization Through Hypo-Convergence. IEEE Transactions on Medical Imaging, 2020, 39, 75-86.	5.4	3
8	3D Multiple Sound Source Localization by Proposed Cuboids Nested Microphone Array in Combination with Adaptive Wavelet-Based Subband GEVD. Electronics (Switzerland), 2020, 9, 867.	1.8	2
9	Multiresolution Speech Enhancement Based on Proposed Circular Nested Microphone Array in Combination with Sub-Band Affine Projection Algorithm. Applied Sciences (Switzerland), 2020, 10, 3955.	1.3	4
10	The 2016 QSM Challenge: Lessons learned and considerations for a future challenge design. Magnetic Resonance in Medicine, 2020, 84, 1624-1637.	1.9	18
11	A novel method for estimating the number of speakers based on generalized eigenvalueâ€“vector decomposition and adaptive wavelet transform by using K-means clustering. Signal, Image and Video Processing, 2020, 14, 1017-1025.	1.7	2
12	MAPL1: q â€space reconstruction using â€regularized mean apparent propagator. Magnetic Resonance in Medicine, 2020, 84, 2219-2230.	1.9	3
13	Noise estimation for the velocity in MRI phase-contrast. Magnetic Resonance Imaging, 2019, 63, 250-257.	1.0	5
14	Estimation the Number of Speakers Based on Adaptive Wavelet Transform by Generalized Eigenvalue Decomposition and K-means Clustering. , 2019, , .		0
15	A Novel Quasi-Spherical Nested Microphone Array and Multiresolution Modified SRP by GammaTone Filterbank for Multiple Speakers Localization. , 2019, , .		3
16	Comparison of basis functions and qâ€space sampling schemes for robust compressed sensing reconstruction accelerating diffusion spectrum imaging. NMR in Biomedicine, 2019, 32, e4055.	1.6	5
17	Velocity Variability in MRI Phase-Contrast. , 2018, , .		0
18	Accelerating dual cardiac phase images using undersampled radial phase encoding trajectories. Magnetic Resonance Imaging, 2016, 34, 1017-1025.	1.0	1

#	Article	IF	Citations
19	Quantification of wall shear stress using a finite-element method in multidimensional phase-contrast MR data of the thoracic aorta. Journal of Biomechanics, 2015, 48, 1817-1827.	0.9	15
20	Sensitivity analysis of geometric errors in additive manufacturing medical models. Medical Engineering and Physics, 2015, 37, 328-334.	0.8	47
21	Intrahepatic portal vein blood volume estimated by non-contrast magnetic resonance imaging for the assessment of portal hypertension. Magnetic Resonance Imaging, 2015, 33, 970-977.	1.0	6
22	Quantitative Susceptibility Map Reconstruction via a Total Generalized Variation Regularization. , 2013, , .		4
23	Simplex Mesh Diffusion Snakes: Integrating 2D and 3D Deformable Models and Statistical Shape Knowledge inÂaÂVariational Framework. International Journal of Computer Vision, 2009, 85, 19-34.	10.9	17
24	Noise in magnitude magnetic resonance images. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2008, 32A, 409-416.	0.2	35
25	Enhancement of Visual Perception Through Dynamic Cues: An Application to Mammograms. , 2007, , .		1
26	Fast magnetic resonance coronary angiography with a three-dimensional stack of spirals trajectory. Magnetic Resonance in Medicine, 1999, 41, 1170-1179.	1.9	80
27	Fast magnetic resonance coronary angiography with a three-dimensional stack of spirals trajectory. , 1999, 41, 1170.		2