

Gang Song

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

5,187
citations

840776

11
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

9219
citing authors

#	ARTICLE	IF	CITATIONS
1	A reproducible evaluation of ANTs similarity metric performance in brain image registration. <i>NeuroImage</i> , 2011, 54, 2033-2044.	4.2	3,535
2	Large-scale evaluation of ANTs and FreeSurfer cortical thickness measurements. <i>NeuroImage</i> , 2014, 99, 166-179.	4.2	560
3	The Insight ToolKit image registration framework. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 44.	2.5	462
4	Evaluation of Registration Methods on Thoracic CT: The EMPIRE10 Challenge. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 1901-1920.	8.9	363
5	A Construction of Locality-Aware Overlay Network: mOverlay and Its Performance. <i>IEEE Journal on Selected Areas in Communications</i> , 2004, 22, 18-28.	14.0	112
6	Internal Three-Dimensional Strains in Human Intervertebral Discs Under Axial Compression Quantified Noninvasively by Magnetic Resonance Imaging and Image Registration. <i>Journal of Biomechanical Engineering</i> , 2014, 136, .	1.3	27
7	Quantitative assessment of anatomical change using a virtual proton depth radiograph for adaptive head and neck proton therapy. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 427-440.	1.9	26
8	The ANTs cortical thickness processing pipeline. <i>Proceedings of SPIE</i> , 2013, , .	0.8	24
9	Semiautomatic segmentation of longitudinal computed tomography images in a rat model of lung injury by surfactant depletion. <i>Journal of Applied Physiology</i> , 2015, 118, 377-385.	2.5	20
10	Transcriptome Tomography for Brain Analysis in the Web-Accessible Anatomical Space. <i>PLoS ONE</i> , 2012, 7, e45373.	2.5	17
11	Pulmonary Kinematics From Image Data. <i>Academic Radiology</i> , 2011, 18, 402-417.	2.5	15
12	A Comparative Study of HRCT Image Metrics and PFT Values for Characterization of ILD and COPD. <i>Academic Radiology</i> , 2012, 19, 857-864.	2.5	11
13	A New Information-Theoretic Measure to Control the Robustness-Sensitivity Trade-Off for DMFFD Point-Set Registration. <i>Lecture Notes in Computer Science</i> , 2009, 21, 215-226.	1.3	4
14	In vivo imaging of canine lung deformation: effects of posture, pneumonectomy, and inhaled erythropoietin. <i>Journal of Applied Physiology</i> , 2020, 128, 1093-1105.	2.5	3
15	Performance analysis in unstructured overlays. , 0, , .		2
16	MultiServ: congestion alleviation using overlay network. , 0, , .		1