Gang Song

List of Publications by Year
in descending order

		840776	996975
16 papers	**5,187** citations	**11** h-index	**15** g-index
17 all docs	**17** docs citations	**17** times ranked	**9219** citing authors

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