Yunliang Cai

List of Publications by Year
in descending order

11 papers	279 citations	1478505 6 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	409 citing authors

#	Article	IF	Citations
1	A level-wise spine registration framework to account for large pose changes. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 943-953.	2.8	3
2	Concussion classification via deep learning using whole-brain white matter fiber strains. PLoS ONE, 2018, 13, e0197992.	2.5	30
3	Direct spondylolisthesis identification and measurement in MR/CT using detectors trained by articulated parameterized spine model. , 2017, , .		6
4	Injury prediction and vulnerability assessment using strain and susceptibility measures of the deep white matter. Biomechanics and Modeling in Mechanobiology, 2017, 16, 1709-1727.	2.8	69
5	Unsupervised shape discovery using synchronized spectral networks. Pattern Recognition, 2017, 69, 39-51.	8.1	4
6	Automatic geometric rectification for patient registration in image-guided spinal surgery. Proceedings of SPIE, 2016, , .	0.8	1
7	Multi-modal vertebrae recognition using Transformed Deep Convolution Network. Computerized Medical Imaging and Graphics, 2016, 51, 11-19.	5.8	77
8	Unsupervised Freeview Groupwise Cardiac Segmentation Using Synchronized Spectral Network. IEEE Transactions on Medical Imaging, 2016, 35, 2174-2188.	8.9	8
9	Multi-Modality Vertebra Recognition in Arbitrary Views Using 3D Deformable Hierarchical Model. IEEE Transactions on Medical Imaging, 2015, 34, 1676-1693.	8.9	60
10	Detecting, Grouping, and Structure Inference for Invariant Repetitive Patterns in Images. IEEE Transactions on Image Processing, 2013, 22, 2343-2355.	9.8	18
11	Translation Symmetry Detection: A Repetitive Pattern Analysis Approach. , 2013, , .		3