

Yunliang Cai

List of Publications by Year in descending order

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Version: 2024-02-01

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	Multi-modal vertebrae recognition using Transformed Deep Convolution Network. Computerized Medical Imaging and Graphics, 2016, 51, 11-19.	5.8	77
2	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
3	Multi-Modality Vertebra Recognition in Arbitrary Views Using 3D Deformable Hierarchical Model. IEEE Transactions on Medical Imaging, 2015, 34, 1676-1693.	8.9	60
4	Concussion classification via deep learning using whole-brain white matter fiber strains. PLoS ONE, 2018, 13, e0197992.	2.5	30
5	Detecting, Grouping, and Structure Inference for Invariant Repetitive Patterns in Images. IEEE Transactions on Image Processing, 2013, 22, 2343-2355.	9.8	18
6	Unsupervised Freeview Groupwise Cardiac Segmentation Using Synchronized Spectral Network. IEEE Transactions on Medical Imaging, 2016, 35, 2174-2188.	8.9	8
7	Direct spondylolisthesis identification and measurement in MR/CT using detectors trained by articulated parameterized spine model. , 2017, , .		6
8	Unsupervised shape discovery using synchronized spectral networks. Pattern Recognition, 2017, 69, 39-51.	8.1	4
9	Translation Symmetry Detection: A Repetitive Pattern Analysis Approach. , 2013, , .		3
10	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
11	Automatic geometric rectification for patient registration in image-guided spinal surgery. Proceedings of SPIE, 2016, , .	0.8	1