

Zhen Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11610090/publications.pdf>

Version: 2024-02-01

13
papers

286
citations

1684188

5
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain microvascular endothelial cells resist elongation due to curvature and shear stress. Scientific Reports, 2014, 4, 4681.	3.3	106
2	Structural cerebellar correlates of cognitive and motor dysfunctions in cerebellar degeneration. Brain, 2017, 140, aww327.	7.6	84
3	Automated cerebellar lobule segmentation with application to cerebellar structural analysis in cerebellar disease. NeuroImage, 2016, 127, 435-444.	4.2	39
4	Segmentation of the Cerebellar Peduncles Using a Random Forest Classifier and a Multi-object Geometric Deformable Model: Application to Spinocerebellar Ataxia Type 6. Neuroinformatics, 2015, 13, 367-381.	2.8	21
5	Cerebellar Contributions to Motor and Cognitive Control in Multiple Sclerosis. Archives of Physical Medicine and Rehabilitation, 2022, 103, 1592-1599.	0.9	14
6	Automatic cell segmentation in fluorescence images of confluent cell monolayers using multi-object geometric deformable model. , 2013, 8669, .		6
7	Quality assurance using outlier detection on an automatic segmentation method for the cerebellar peduncles. Proceedings of SPIE, 2016, 9784, .	0.8	5
8	Improving cerebellar segmentation with statistical fusion. Proceedings of SPIE, 2016, 9784, .	0.8	5
9	Simultaneous cortical surface labeling and sulcal curve extraction. Proceedings of SPIE, 2012, 8314, .	0.8	4
10	Landmark based shape analysis for cerebellar ataxia classification and cerebellar atrophy pattern visualization. Proceedings of SPIE, 2016, 9784, .	0.8	2
11	Covariance shrinking in active shape models with application to gyral labeling of the cerebral cortex. , 2013, , .		0
12	Interpretable exemplar-based shape classification using constrained sparse linear models. Proceedings of SPIE, 2015, 9413, .	0.8	0
13	A toolbox to visually explore cerebellar shape changes in cerebellar disease and dysfunction. Proceedings of SPIE, 2016, 9785, .	0.8	0