Chen Zheng

List of Publications by Year
in descending order

17 papers	225 citations	1040056 9 h-index	996975 15 g-index
18 all docs	18 docs citations	18 times ranked	209 citing authors

#	Article	IF	Citations
1	Semantic Segmentation of Remote Sensing Imagery Using Object-Based Markov Random Field Model With Regional Penalties. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1924-1935.	4.9	45
2	Semantic Segmentation of Remote Sensing Imagery Using an Object-Based Markov Random Field Model With Auxiliary Label Fields. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3015-3028.	6.3	36
3	Image Segmentation Using Multiregion-Resolution MRF Model. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 816-820.	3.1	24
4	A Markov random field integrating spectral dissimilarity and class co-occurrence dependency for remote sensing image classification optimization. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 128, 223-239.	11.1	23
5	Image segmentation using a unified Markov random field model. IET Image Processing, 2017, 11, 860-869.	2.5	22
6	Multigranularity Multiclass-Layer Markov Random Field Model for Semantic Segmentation of Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 10555-10574.	6.3	12
7	A Hybrid Markov Random Field Model With Multi-Granularity Information for Semantic Segmentation of Remote Sensing Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 2728-2740.	4.9	11
8	Segmentation for remote-sensing imagery using the object-based Gaussian-Markov random field model with region coefficients. International Journal of Remote Sensing, 2019, 40, 4441-4472.	2.9	11
9	Analyzing the role of spatial features when cooperating hyperspectral and LiDAR data for the tree species classification in a subtropical plantation forest area. Journal of Applied Remote Sensing, 2020, 14, 1.	1.3	10
10	An MRF-Based Multigranularity Edge-Preservation Optimization for Semantic Segmentation of Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	6
11	Multilayer semantic segmentation of remote-sensing imagery using a hybrid object-based Markov random field model. International Journal of Remote Sensing, 2016, 37, 5505-5532.	2.9	5
12	EnhanceFace: Adaptive Weighted SoftMax Loss for Deep Face Recognition. IEEE Signal Processing Letters, 2022, 29, 65-69.	3.6	5
13	Geocentric position preliminary detection from the extreme ultraviolet images of Changâ€™E-3. Astrophysics and Space Science, 2015, 358, 1.	1.4	4
14	An Object-Based Markov Random Field Model with Anisotropic Penalty for Semantic Segmentation of High Spatial Resolution Remote Sensing Imagery. Remote Sensing, 2019, 11, 2878.	4.0	4
15	Image segmentation based on hierarchical belief propagation with variable weighting parameters. Optik, 2014, 125, 1158-1163.	2.9	3
16	Adaptive weighted realâ€time compressive tracking. IET Computer Vision, 2014, 8, 740-752.	2.0	2
17	A Markov Random Field Moel with Alternating Granularities for Segmentation of High Spatial Resolution Remote Sensing Imagery. , 2019, , .		2