Yang Lan

List of Publications by Year
in descending order

17 papers	607 citations	840776 11 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	274 citing authors

#	Article	IF	Citations
1	Phase Unwrapping in InSAR : A Review. IEEE Geoscience and Remote Sensing Magazine, 2019, 7, 40-58.	9.6	192
2	Robust Two-Dimensional Phase Unwrapping for Multibaseline SAR Interferograms: A Two-Stage Programming Approach. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5217-5225.	6.3	73
3	Deep Convolutional Neural Network-Based Robust Phase Gradient Estimation for Two-Dimensional Phase Unwrapping Using SAR Interferograms. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4653-4665.	6.3	73
4	Artificial Intelligence In Interferometric Synthetic Aperture Radar Phase Unwrapping: A Review. IEEE Geoscience and Remote Sensing Magazine, 2021, 9, 10-28.	9.6	50
5	Large-Scale ${L}^{0}$ -Norm and ${L}^{1}$ -Norm 2-D Phase Unwrapping. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 4712-4728.	6.3	44
6	2-D Phase Unwrapping Using Minimum Infinity-Norm. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1887-1891.	3.1	31
7	Optimal Baseline Design for Multibaseline InSAR Phase Unwrapping. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5738-5750.	6.3	25
8	Deep Learning-Based Branch-Cut Method for InSAR Two-Dimensional Phase Unwrapping. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	25
9	Large-Scale Multibaseline Phase Unwrapping: Interferogram Segmentation Based on Multibaseline Envelope-Sparsity Theorem. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9308-9322.	6.3	24
10	CANet: An Unsupervised Deep Convolutional Neural Network for Efficient Cluster-Analysis-Based Multibaseline InSAR Phase Unwrapping. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	18
11	Refined Two-Stage Programming-Based Multi-Baseline Phase Unwrapping Approach Using Local Plane Model. Remote Sensing, 2019, 11, 491.	4.0	15
12	Extended Phase Unwrapping Max-Flow/Min-Cut Algorithm for Multibaseline SAR Interferograms Using a Two-Stage Programming Approach. Sensors, 2020, 20, 375.	3.8	10
13	Multisystem Interferometric Data Fusion Framework: A Three-Step Sensing Approach. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8501-8509.	6.3	9
14	Comparative Study of DEM Reconstruction Accuracy Between Single- and Multibaseline InSAR Phase Unwrapping. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	8
15	A Convex Hull and Cluster-Analysis Based Fast Large-Scale Phase Unwrapping Method for Multibaseline Sar Interferograms. , 2019, , .		7
16	Improved Branch-Cut Algorithm for Multibaseline Phase Unwrapping Using Sar Interferograms. , 2020, , .		3
17	An Infinity-Norm-Based Phase Unwrapping Method with TSPA Framework for Multi-Baseline SAR Interferograms. , 2020, , .		0