

## Curriculum Vitae (as of 20 August 2018)

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### Current research activities

- Investigation of scale and scale effect on SAR application to urban target
- Evaluation of surface deformation using InSAR technique
- Thin cloud removal for optical imagery
- Submerged aquatic vegetation (SAV) assessment
- Flooding mapping using geo-spatial datasets in rural area

### Google Scholar Summary for Published Articles

Citation indices	All	Since 2013
Citations	2409	1211
h-index	26	16
i10-index	40	30

**Sixty-eight refereed journal articles published** in journals that belong to the Science Citation Index (SCI) databases.

68. Haitao Lv, **Yong Wang**, and Yuanyuan Yang, 2018. Modeling of thin-cloud TOA reflectance using empirical relationships and two Landsat-8 visible band data. *IEEE Transactions on Geoscience and Remote Sensing*. In Press.

Jianlai Chen, Guang-Cai Sun, **Yong Wang**, Liang Guo, Mengdao Xing, and Yuexin Gao, 2018. [An analytical resolution evaluation approach for bistatic GEOSAR based on local feature of ambiguity function](http://dx.doi.org/10.1109/TGRS.2017.2776151). *IEEE Transactions on Geoscience and Remote Sensing*. 56(4), 2159-2169. <http://dx.doi.org/10.1109/TGRS.2017.2776151>.

Ze He, Shihua Li, **Yong Wang**, Leiyu Dai, and Sen Lin, 2018. [Monitoring rice phenology based on backscattering characteristics of multi-temporal RADARSAT-2 datasets](https://dx.doi.org/10.3390/rs10020340). *Remote Sensing*. 10 (2), 340. <https://dx.doi.org/10.3390/rs10020340>.

- Taoli Yang, Shihua Li, Ou Xu, Wei Li, and **Yong Wang**, 2018. [Three dimensional SAR imaging based on vortex electromagnetic waves](https://dx.doi.org/10.1080/2150704X.2017.1421791). *Remote Sensing Letters*. 9(4), 343-352. <https://dx.doi.org/10.1080/2150704X.2017.1421791>.
- Dingfeng Duan and **Yong Wang**, 2017. [An improved algorithm to delineate urban targets with model-based decomposition of PolSAR data](http://dx.doi.org/10.3390/rs9101037). *Remote Sensing*. 9 (10), 1037-1053. <http://dx.doi.org/10.3390/rs9101037>.
- Taoli Yang, **Yong Wang**, and Wei Li, 2017. [A moving target imaging algorithm for HRWS SAR/GMTI systems](http://dx.doi.org/10.1109/TAES.2017.2667858). *IEEE Transactions on Aerospace and Electronic Systems*. 53(3), 1147-1157. <http://dx.doi.org/10.1109/TAES.2017.2667858>.
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60. Shihua Li, Leiyu Dai, Hongshu Wang, **Yong Wang**, Ze He, and Sen Lin, 2017. [Estimating leaf area density of individual trees using the point cloud segmentation of terrestrial LiDAR data and a voxel-based model](http://dx.doi.org/10.3390/rs9111202). *Remote Sensing*. 9 (11), 1202-1217. <http://dx.doi.org/10.3390/rs9111202>.
- Jianlai Chen, Guang-Cai Sun, **Yong Wang**, Mengdao Xing, Yuhong Zhang, and Yuexin Gao, 2017. [Performance improvement and system design of Geo-SAR using the yaw steering](http://dx.doi.org/10.1109/JSEN.2017.2735808). *IEEE Sensors Journal*. 17(19), 6268-6278. <http://dx.doi.org/10.1109/JSEN.2017.2735808>.
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- Geng Leng, Wenjin Chen, and **Yong Wang**, 2016. [Simple field-based automated dispersive liquid-liquid microextraction of trace level phthalate esters in natural waters with gas chromatography and mass spectrometric analysis](http://dx.doi.org/10.1002/jssc.201600383). *Journal of Separation Science*. 39(17), 3392-3399. <http://dx.doi.org/10.1002/jssc.201600383>.

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**Fifty-five refereed journal or conference articles.** EI indicates the journal belonging to the Engineering Index database.

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(EI) Haitao Lv, **Yong Wang**, and Yue Gao, 2018, Using independent component analysis and estimated thin-cloud reflectance to remove cloud effect on Landsat-8 OLI band data, *The Proceedings of the International Geoscience and Remote Sensing Symposium, 2018 (IGARSS'2018)*. Valencia, Spain. 23-27 July 2018.

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