

# Chunhua Liao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5030965/publications.pdf>

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17  
papers

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759233

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940533

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citing authors

#	ARTICLE	IF	CITATIONS
1	ClassHyPer: ClassMix-Based Hybrid Perturbations for Deep Semi-Supervised Semantic Segmentation of Remote Sensing Imagery. <i>Remote Sensing</i> , 2022, 14, 879.	4.0	17
2	Crop Height Estimation of Corn from Multi-Year RADARSAT-2 Polarimetric Observables Using Machine Learning. <i>Remote Sensing</i> , 2021, 13, 392.	4.0	16
3	Crop Monitoring and Classification Using Polarimetric RADARSAT-2 Time-Series Data Across Growing Season: A Case Study in Southwestern Ontario, Canada. <i>Remote Sensing</i> , 2021, 13, 1394.	4.0	21
4	Extraction of Areas of Rice False Smut Infection Using UAV Hyperspectral Data. <i>Remote Sensing</i> , 2021, 13, 3185.	4.0	8
5	Using Machine Learning for Estimating Rice Chlorophyll Content from In Situ Hyperspectral Data. <i>Remote Sensing</i> , 2020, 12, 3104.	4.0	41
6	Using UAV-Based SOPC Derived LAI and SAFY Model for Biomass and Yield Estimation of Winter Wheat. <i>Remote Sensing</i> , 2020, 12, 2378.	4.0	12
7	Synergistic Use of Multi-Temporal RADARSAT-2 and VENÛS Data for Crop Classification Based on 1D Convolutional Neural Network. <i>Remote Sensing</i> , 2020, 12, 832.	4.0	40
8	A New Model for Transfer Learning-Based Mapping of Burn Severity. <i>Remote Sensing</i> , 2020, 12, 708.	4.0	10
9	A multi-temporal binary-tree classification using polarimetric RADARSAT-2 imagery. <i>Remote Sensing of Environment</i> , 2019, 235, 111478.	11.0	16
10	On the Use of Neumann Decomposition for Crop Classification Using Multi-Temporal RADARSAT-2 Polarimetric SAR Data. <i>Remote Sensing</i> , 2019, 11, 776.	4.0	25
11	Corn Biomass Estimation Using Sentinel-2 and VENÛS Data Based on A Simple Light Use Efficiency Method. , 2019, , .		0
12	Using spatio-temporal fusion of Landsat-8 and MODIS data to derive phenology, biomass and yield estimates for corn and soybean. <i>Science of the Total Environment</i> , 2019, 650, 1707-1721.	8.0	79
13	Sensitivity study of Radarsat-2 polarimetric SAR to crop height and fractional vegetation cover of corn and wheat. <i>International Journal of Remote Sensing</i> , 2018, 39, 1475-1490.	2.9	36
14	Contribution of Minimum Noise Fraction Transformation of Multi-temporal RADARSAT-2 Polarimetric SAR Data to Cropland Classification. <i>Canadian Journal of Remote Sensing</i> , 2018, 44, 215-231.	2.4	11
15	Application of polarization signature to land cover scattering mechanism analysis and classification using multi-temporal C-band polarimetric RADARSAT-2 imagery. <i>Remote Sensing of Environment</i> , 2017, 193, 11-28.	11.0	53
16	A Spatio-Temporal Data Fusion Model for Generating NDVI Time Series in Heterogeneous Regions. <i>Remote Sensing</i> , 2017, 9, 1125.	4.0	39
17	Fractional vegetation cover estimation in arid and semi-arid environments using HJ-1 satellite hyperspectral data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 21, 506-512.	2.8	148