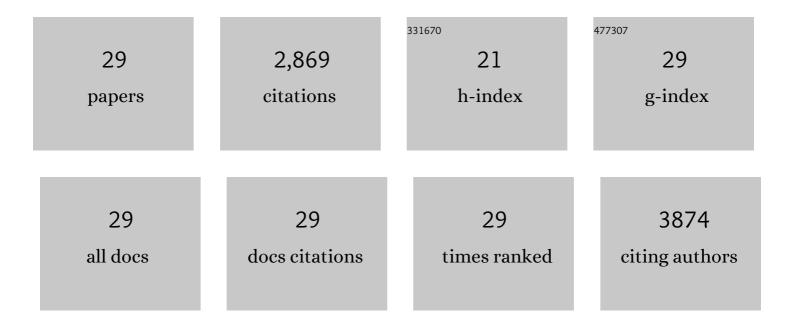
## Wenze Yang

## List of Publications by Year in descending order

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WENZE YANC

#	Article	IF	CITATIONS
1	Amazon rainforests green-up with sunlight in dry season. Geophysical Research Letters, 2006, 33, .	4.0	631
2	Large seasonal swings in leaf area of Amazon rainforests. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4820-4823.	7.1	376
3	MODIS leaf area index products: from validation to algorithm improvement. IEEE Transactions on Geoscience and Remote Sensing, 2006, 44, 1885-1898.	6.3	291
4	The impact of gridding artifacts on the local spatial properties of MODIS data: Implications for validation, compositing, and band-to-band registration across resolutions. Remote Sensing of Environment, 2006, 105, 98-114.	11.0	243
5	The fourth phase of the radiative transfer model intercomparison (RAMI) exercise: Actual canopy scenarios and conformity testing. Remote Sensing of Environment, 2015, 169, 418-437.	11.0	170
6	Analysis and optimization of the MODIS leaf area index algorithm retrievals over broadleaf forests. IEEE Transactions on Geoscience and Remote Sensing, 2005, 43, 1855-1865.	6.3	161
7	Analysis of leaf area index products from combination of MODIS Terra and Aqua data. Remote Sensing of Environment, 2006, 104, 297-312.	11.0	147
8	Analysis of leaf area index and fraction of PAR absorbed by vegetation products from the terra MODIS sensor: 2000-2005. IEEE Transactions on Geoscience and Remote Sensing, 2006, 44, 1829-1842.	6.3	140
9	Drought and food security prediction from NOAA new generation of operational satellites. Geomatics, Natural Hazards and Risk, 2019, 10, 651-666.	4.3	122
10	Physically based vertical vegetation structure retrieval from ICESat data: Validation using LVIS in White Mountain National Forest, New Hampshire, USA. Remote Sensing of Environment, 2011, 115, 2776-2785.	11.0	84
11	Assessment of the impacts of surface topography, off-nadir pointing and vegetation structure on vegetation lidar waveforms using an extended geometric optical and radiative transfer model. Remote Sensing of Environment, 2011, 115, 2810-2822.	11.0	67
12	A clumped-foliage canopy radiative transfer model for a global dynamic terrestrial ecosystem model. I: Theory. Agricultural and Forest Meteorology, 2010, 150, 881-894.	4.8	60
13	Assessment of the broadleaf crops leaf area index product from the Terra MODIS instrument. Agricultural and Forest Meteorology, 2005, 135, 124-134.	4.8	42
14	Analysis of the MISR LAI/FPAR product for spatial and temporal coverage, accuracy and consistency. Remote Sensing of Environment, 2007, 107, 334-347.	11.0	41
15	The importance of measurement errors for deriving accurate reference leaf area index maps for validation of moderate-resolution satellite LAI products. IEEE Transactions on Geoscience and Remote Sensing, 2006, 44, 1866-1871.	6.3	38
16	Spectrally resolved fluxes derived from collocated AIRS and CERES measurements and their application in model evaluation: Clear sky over the tropical oceans. Journal of Geophysical Research, 2008, 113, .	3.3	37
17	SNPP/VIIRS vegetation health to assess 500 California drought. Geomatics, Natural Hazards and Risk, 2017, 8, 1383-1395.	4.3	37
18	A clumped-foliage canopy radiative transfer model for a Global Dynamic Terrestrial Ecosystem Model II: Comparison to measurements. Agricultural and Forest Meteorology, 2010, 150, 895-907.	4.8	35

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#	Article	IF	CITATIONS
19	The CrIMSS EDR Algorithm: Characterization, Optimization, and Validation. Journal of Geophysical Research D: Atmospheres, 2014, 119, 4953-4977.	3.3	31
20	Satellite Climate Data Records: Development, Applications, and Societal Benefits. Remote Sensing, 2016, 8, 331.	4.0	26
21	Spectrally resolved fluxes derived from collocated AIRS and CERES measurements and their application in model evaluation: 2. Cloudy sky and bandâ€byâ€band cloud radiative forcing over the tropical oceans. Journal of Geophysical Research, 2010, 115, .	3.3	23
22	Near 40-year drought trend during 1981-2019 earth warming and food security. Geomatics, Natural Hazards and Risk, 2020, 11, 469-490.	4.3	21
23	Validating modeled lidar waveforms in forest canopies with airborne laser scanning data. Remote Sensing of Environment, 2018, 204, 229-243.	11.0	18
24	Cross-Scan Asymmetry of AMSU-A Window Channels: Characterization, Correction, and Verification. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 1514-1530.	6.3	11
25	An Ongoing Blended Long-Term Vegetation Health Product for Monitoring Global Food Security. Agronomy, 2020, 10, 1936.	3.0	5
26	VIIRS-based high resolution spectral vegetation indices for quantitative assessment of vegetation health: second version. International Journal of Remote Sensing, 2018, 39, 7417-7436.	2.9	4
27	A novel re-compositing approach to create continuous and consistent cross-sensor/cross-production global NDVI datasets. International Journal of Remote Sensing, 2021, 42, 6023-6047.	2.9	4
28	Quantifying Convective Weather Impacts to Airspace Capacity: Framework and Preliminary Results. Journal of Air Transportation, 2021, 29, 42-55.	1.5	3
29	Inter-Calibration of AMSU-A Window Channels. Remote Sensing, 2020, 12, 2988.	4.0	1