

# Wenze Yang

## List of Publications by Year in descending order

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29  
papers

2,869  
citations

331670

21  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

3874  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying Convective Weather Impacts to Airspace Capacity: Framework and Preliminary Results. <i>Journal of Air Transportation</i> , 2021, 29, 42-55.	1.5	3
2	A novel re-compositing approach to create continuous and consistent cross-sensor/cross-production global NDVI datasets. <i>International Journal of Remote Sensing</i> , 2021, 42, 6023-6047.	2.9	4
3	Inter-Calibration of AMSU-A Window Channels. <i>Remote Sensing</i> , 2020, 12, 2988.	4.0	1
4	An Ongoing Blended Long-Term Vegetation Health Product for Monitoring Global Food Security. <i>Agronomy</i> , 2020, 10, 1936.	3.0	5
5	Near 40-year drought trend during 1981-2019 earth warming and food security. <i>Geomatics, Natural Hazards and Risk</i> , 2020, 11, 469-490.	4.3	21
6	Drought and food security prediction from NOAA new generation of operational satellites. <i>Geomatics, Natural Hazards and Risk</i> , 2019, 10, 651-666.	4.3	122
7	Validating modeled lidar waveforms in forest canopies with airborne laser scanning data. <i>Remote Sensing of Environment</i> , 2018, 204, 229-243.	11.0	18
8	VIIRS-based high resolution spectral vegetation indices for quantitative assessment of vegetation health: second version. <i>International Journal of Remote Sensing</i> , 2018, 39, 7417-7436.	2.9	4
9	SNPP/VIIRS vegetation health to assess 500 California drought. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 1383-1395.	4.3	37
10	Satellite Climate Data Records: Development, Applications, and Societal Benefits. <i>Remote Sensing</i> , 2016, 8, 331.	4.0	26
11	The fourth phase of the radiative transfer model intercomparison (RAMI) exercise: Actual canopy scenarios and conformity testing. <i>Remote Sensing of Environment</i> , 2015, 169, 418-437.	11.0	170
12	The CrIMSS EDR Algorithm: Characterization, Optimization, and Validation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 4953-4977.	3.3	31
13	Cross-Scan Asymmetry of AMSU-A Window Channels: Characterization, Correction, and Verification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 1514-1530.	6.3	11
14	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. <i>Remote Sensing of Environment</i> , 2011, 115, 2810-2822.	11.0	67
15	Physically based vertical vegetation structure retrieval from ICESat data: Validation using LVIS in White Mountain National Forest, New Hampshire, USA. <i>Remote Sensing of Environment</i> , 2011, 115, 2776-2785.	11.0	84
16	Spectrally resolved fluxes derived from collocated AIRS and CERES measurements and their application in model evaluation: 2. Cloudy sky and band-by-band cloud radiative forcing over the tropical oceans. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	23
17	A clumped-foliage canopy radiative transfer model for a Global Dynamic Terrestrial Ecosystem Model II: Comparison to measurements. <i>Agricultural and Forest Meteorology</i> , 2010, 150, 895-907.	4.8	35
18	A clumped-foliage canopy radiative transfer model for a global dynamic terrestrial ecosystem model. I: Theory. <i>Agricultural and Forest Meteorology</i> , 2010, 150, 881-894.	4.8	60

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19	Spectrally resolved fluxes derived from collocated AIRS and CERES measurements and their application in model evaluation: Clear sky over the tropical oceans. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	37
20	Large seasonal swings in leaf area of Amazon rainforests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4820-4823.	7.1	376
21	Analysis of the MISR LAI/FPAR product for spatial and temporal coverage, accuracy and consistency. <i>Remote Sensing of Environment</i> , 2007, 107, 334-347.	11.0	41
22	The importance of measurement errors for deriving accurate reference leaf area index maps for validation of moderate-resolution satellite LAI products. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006, 44, 1866-1871.	6.3	38
23	Analysis of leaf area index and fraction of PAR absorbed by vegetation products from the terra MODIS sensor: 2000-2005. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006, 44, 1829-1842.	6.3	140
24	Amazon rainforests green-up with sunlight in dry season. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	631
25	MODIS leaf area index products: from validation to algorithm improvement. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006, 44, 1885-1898.	6.3	291
26	The impact of gridding artifacts on the local spatial properties of MODIS data: Implications for validation, compositing, and band-to-band registration across resolutions. <i>Remote Sensing of Environment</i> , 2006, 105, 98-114.	11.0	243
27	Analysis of leaf area index products from combination of MODIS Terra and Aqua data. <i>Remote Sensing of Environment</i> , 2006, 104, 297-312.	11.0	147
28	Analysis and optimization of the MODIS leaf area index algorithm retrievals over broadleaf forests. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2005, 43, 1855-1865.	6.3	161
29	Assessment of the broadleaf crops leaf area index product from the Terra MODIS instrument. <i>Agricultural and Forest Meteorology</i> , 2005, 135, 124-134.	4.8	42