

Yuhong Tian

List of Publications by Year in descending order

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18
papers

2,679
citations

430874

18
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

3745
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Evidence for a significant urbanization effect on climate in China. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9540-9544. | 7.1 | 709 |
| 2 | Widespread decline of Congo rainforest greenness in the past decade. Nature, 2014, 509, 86-90. | 27.8 | 351 |
| 3 | Impacts of wind farms on land surface temperature. Nature Climate Change, 2012, 2, 539-543. | 18.8 | 228 |
| 4 | Evaluation of the MODIS LAI algorithm at a coniferous forest site in Finland. Remote Sensing of Environment, 2004, 91, 114-127. | 11.0 | 206 |
| 5 | Multiscale analysis and validation of the MODIS LAI productI. Uncertainty assessment. Remote Sensing of Environment, 2002, 83, 414-430. | 11.0 | 174 |
| 6 | Impact of vegetation removal and soil aridation on diurnal temperature range in a semiarid region: Application to the Sahel. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17937-17942. | 7.1 | 151 |
| 7 | Spatial dependence of diurnal temperature range trends on precipitation from 1950 to 2004. Climate Dynamics, 2009, 32, 429-440. | 3.8 | 139 |
| 8 | Canopy spectral invariants for remote sensing and model applications. Remote Sensing of Environment, 2007, 106, 106-122. | 11.0 | 129 |
| 9 | Investigation of product accuracy as a function of input and model uncertainties. Remote Sensing of Environment, 2001, 78, 299-313. | 11.0 | 110 |
| 10 | Prototyping of MODIS LAI and FPAR algorithm with LASUR and LANDSAT data. IEEE Transactions on Geoscience and Remote Sensing, 2000, 38, 2387-2401. | 6.3 | 99 |
| 11 | Radiative transfer based scaling of LAI retrievals from reflectance data of different resolutions. Remote Sensing of Environment, 2003, 84, 143-159. | 11.0 | 99 |
| 12 | Multiscale analysis and validation of the MODIS LAI productII. Sampling strategy. Remote Sensing of Environment, 2002, 83, 431-441. | 11.0 | 89 |
| 13 | A new parameterization of canopy spectral response to incident solar radiation: case study with hyperspectral data from pine dominant forest. Remote Sensing of Environment, 2003, 85, 304-315. | 11.0 | 61 |
| 14 | Diurnal and seasonal variations of wind farm impacts on land surface temperature over western Texas. Climate Dynamics, 2013, 41, 307-326. | 3.8 | 48 |
| 15 | Prototyping of MISR LAI and FPAR algorithm with POLDER data over Africa. IEEE Transactions on Geoscience and Remote Sensing, 2000, 38, 2402-2418. | 6.3 | 30 |
| 16 | A three-dimensional analytic model for the scattering of a spherical bush. Journal of Geophysical Research, 2008, 113, . | 3.3 | 19 |
| 17 | Effects of Topography on Assessing Wind Farm Impacts Using MODIS Data. Earth Interactions, 2013, 17, 1-18. | 1.5 | 19 |
| 18 | Asymmetric response of maximum and minimum temperatures to soil emissivity change over the Northern African Sahel in a GCM. Geophysical Research Letters, 2008, 35, . | 4.0 | 18 |