

Shiqiang Zhang

List of Publications by Year in descending order

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23
papers

548
citations

623734

14
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642732

23
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23
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23
docs citations

23
times ranked

845
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Evaluation of Satellite and Reanalysis Soil Moisture Products over Southwest China Using Ground-Based Measurements. <i>Remote Sensing</i> , 2015, 7, 15729-15747. | 4.0 | 86 |
| 2 | Spatially resolved ozone densities and gas temperatures in a time modulated RF driven atmospheric pressure plasma jet: an analysis of the production and destruction mechanisms. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 205202. | 2.8 | 82 |
| 3 | In vitro Demonstration of Cancer Inhibiting Properties from Stratified Self-Organized Plasma-Liquid Interface. <i>Scientific Reports</i> , 2017, 7, 12163. | 3.3 | 42 |
| 4 | Surface Water Mapping from Suomi NPP-VIIRS Imagery at 30 m Resolution via Blending with Landsat Data. <i>Remote Sensing</i> , 2016, 8, 631. | 4.0 | 33 |
| 5 | A Comparison of Terrain Indices toward Their Ability in Assisting Surface Water Mapping from Sentinel-1 Data. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 140. | 2.9 | 33 |
| 6 | Self-organized patterns by a DC pin liquid anode discharge in ambient air: Effect of liquid types on formation. <i>Physics of Plasmas</i> , 2018, 25, . | 1.9 | 30 |
| 7 | Temporal Evolution of Regional Drought Detected from GRACE TWSA and CCI SM in Yunnan Province, China. <i>Remote Sensing</i> , 2017, 9, 1124. | 4.0 | 29 |
| 8 | Evaluation of precipitation from CMORPH, GPCP-2, TRMM 3B43, GPCC, and ITPCAS with ground-based measurements in the Qinling-Daba Mountains, China. <i>PLoS ONE</i> , 2017, 12, e0185147. | 2.5 | 24 |
| 9 | Projected glacier meltwater and river runoff changes in the Upper reaches of the Shule River Basin, northeastern edge of the Tibetan Plateau. <i>Hydrological Processes</i> , 2019, 33, 1059-1074. | 2.6 | 21 |
| 10 | Globally elevated chemical weathering rates beneath glaciers. <i>Nature Communications</i> , 2022, 13, 407. | 12.8 | 20 |
| 11 | Performance of Three Reanalysis Precipitation Datasets over the Qinling-Daba Mountains, Eastern Fringe of Tibetan Plateau, China. <i>Advances in Meteorology</i> , 2019, 2019, 1-16. | 1.6 | 19 |
| 12 | A Review on Snowmelt Models: Progress and Prospect. <i>Sustainability</i> , 2021, 13, 11485. | 3.2 | 19 |
| 13 | Infrared studies of gas phase and surface processes of the enhancement of catalytic methane decomposition by low temperature plasma. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 225201. | 2.8 | 17 |
| 14 | From thermal catalysis to plasma catalysis: a review of surface processes and their characterizations. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 213001. | 2.8 | 16 |
| 15 | Prolonged duration and increased severity of agricultural droughts during 1978 to 2016 detected by ESA CCI SM in the humid Yunnan Province, Southwest China. <i>Catena</i> , 2021, 198, 105036. | 5.0 | 15 |
| 16 | Mechanistic aspects of plasma-enhanced catalytic methane decomposition by time-resolved <i>operando</i> diffuse reflectance infrared Fourier transform spectroscopy. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 215201. | 2.8 | 12 |
| 17 | Evaluation of nine precipitation products with ground-based measurements during 2001 to 2013 in alpine Upper Reach of Shule River Basin, northeastern edge of the Tibetan Plateau. <i>Theoretical and Applied Climatology</i> , 2021, 144, 1101-1117. | 2.8 | 11 |
| 18 | Spatial Downscaling of Suomi NPP-VIIRS Image for Lake Mapping. <i>Water (Switzerland)</i> , 2017, 9, 834. | 2.7 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Methodological comparison of alpine meadow evapotranspiration on the Tibetan Plateau, China. PLoS ONE, 2017, 12, e0189059. | 2.5 | 9 |
| 20 | Integrated Detection of a Complex Underground Water Supply Pipeline System in an Old Urban Community in China. Sustainability, 2020, 12, 1670. | 3.2 | 8 |
| 21 | Abundant Precipitation in Qilian Mountains Generated from the Recycled Moisture over the Adjacent Arid Hexi Corridor, Northwest China. Water (Switzerland), 2021, 13, 3354. | 2.7 | 5 |
| 22 | A Comprehensive Evaluation of 4-Parameter Diurnal Temperature Cycle Models with In Situ and MODIS LST over Alpine Meadows in the Tibetan Plateau. Remote Sensing, 2020, 12, 103. | 4.0 | 4 |
| 23 | Characterization of plasma catalytic decomposition of methane: role of atomic O and reaction mechanism. Journal Physics D: Applied Physics, 2022, 55, 155204. | 2.8 | 4 |