# Hui-Ping Tsai

List of Publications by Year
in descending order

| 21 papers | 455 citations | 1039406<br>9 h-index | 839053<br>18 g-index |
| --- | --- | --- | --- |
| 21 all docs | 21 docs citations | 21 times ranked | 621 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Spatial and Spectral Hybrid Image Classification for Rice Lodging Assessment through UAV Imagery. Remote Sensing, 2017, 9, 583. | 1.8 | 125 |
| 2 | Semantic Segmentation Using Deep Learning with Vegetation Indices for Rice Lodging Identification in Multi-date UAV Visible Images. Remote Sensing, 2020, 12, 633. | 1.8 | 100 |
| 3 | Adaptive autonomous UAV scouting for rice lodging assessment using edge computing with deep learning EDANet. Computers and Electronics in Agriculture, 2020, 179, 105817. | 3.7 | 50 |
| 4 | Time Series Analysis of Land Cover Change: Developing Statistical Tools to Determine Significance of Land Cover Changes in Persistence Analyses. Remote Sensing, 2014, 6, 4473-4497. | 1.8 | 33 |
| 5 | Reusable macroporous photonic crystal-based ethanol vapor detectors by doctor blade coating. Journal of Colloid and Interface Science, 2017, 487, 360-369. | 5.0 | 30 |
| 6 | Hyperspectral Image Classification Using Fast and Adaptive Bidimensional Empirical Mode Decomposition With Minimum Noise Fraction. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1950-1954. | 1.4 | 21 |
| 7 | Exploring Long Term Spatial Vegetation Trends in Taiwan from AVHRR NDVI3g Dataset Using RDA and HCA Analyses. Remote Sensing, 2016, 8, 290. | 1.8 | 15 |
| 8 | Spatial persistence and temporal patterns in vegetation cover across Florida, 1982â€"2006. Physical Geography, 2014, 35, 151-180. | 0.6 | 12 |
| 9 | Relating Vegetation Dynamics to Climate Variables in Taiwan Using 1982â€"2012 NDVI3g Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 1624-1639. | 2.3 | 12 |
| 10 | Integrating MNF and HHT Transformations into Artificial Neural Networks for Hyperspectral Image Classification. Remote Sensing, 2020, 12, 2327. | 1.8 | 10 |
| 11 | Self-Assembled Hierarchical Arrays for Colored Retroreflective Coatings. Langmuir, 2016, 32, 12869-12875. | 1.6 | 9 |
| 12 | A Long-Term Vegetation Recovery Estimation for Mt. Jou-Jou Using Multi-Date SPOT 1, 2, and 4 Images. Remote Sensing, 2017, 9, 893. | 1.8 | 9 |
| 13 | Timely and Quantitative Damage Assessment of Oyster Racks Using UAV Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2862-2868. | 2.3 | 8 |
| 14 | Self-assembled dual-sided hemispherical nano-dimple-structured broadband antireflection coatings. Applied Physics Letters, 2016, 109, 221601. | 1.5 | 7 |
| 15 | Self-Assembled Curved Macroporous Photonic Crystal-Based Surfactant Detectors. ACS Applied Materials &amp; Interfaces, 2017, 9, 26333-26340. | 4.0 | 5 |
| 16 | Time Varying Spatial Downscaling of Satellite-Based Drought Index. Remote Sensing, 2021, 13, 3693. | 1.8 | 5 |
| 17 | Post-earthquake spatio-temporal landslide analysis of Huisun Experimental Forest Station. Terrestrial, Atmospheric and Oceanic Sciences, 2019, 30, 493-508. | 0.3 | 2 |
| 18 | Single-Step Fabrication of Longtail Glasswing Butterfly-Inspired Omnidirectional Antireflective Structures. Nanomaterials, 2022, 12, 1856. | 1.9 | 2 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Water-Soluble Chemical Vapor Detection Enabled by Doctor-Blade-Coated Macroporous Photonic Crystals. Sensors, 2020, 20, 5503. | 2.1 | 0 |
| 20 | Cluster and Redundancy Analyses of Taiwan Upstream Watersheds Based on Monthly 30 Years AVHRR NDVI3g Data. Atmosphere, 2021, 12, 1206. | 1.0 | 0 |
| 21 | Vertical Differences in the Long-Term Trends and Breakpoints of NDVI and Climate Factors in Taiwan. Remote Sensing, 2021, 13, 4707. | 1.8 | 0 |