

# Hui-Ping Tsai

## List of Publications by Year in descending order

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21  
papers

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1039406

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Step Fabrication of Longtail Glasswing Butterfly-Inspired Omnidirectional Antireflective Structures. <i>Nanomaterials</i> , 2022, 12, 1856.	1.9	2
2	Cluster and Redundancy Analyses of Taiwan Upstream Watersheds Based on Monthly 30 Years AVHRR NDVI3g Data. <i>Atmosphere</i> , 2021, 12, 1206.	1.0	0
3	Time Varying Spatial Downscaling of Satellite-Based Drought Index. <i>Remote Sensing</i> , 2021, 13, 3693.	1.8	5
4	Vertical Differences in the Long-Term Trends and Breakpoints of NDVI and Climate Factors in Taiwan. <i>Remote Sensing</i> , 2021, 13, 4707.	1.8	0
5	Water-Soluble Chemical Vapor Detection Enabled by Doctor-Blade-Coated Macroporous Photonic Crystals. <i>Sensors</i> , 2020, 20, 5503.	2.1	0
6	Adaptive autonomous UAV scouting for rice lodging assessment using edge computing with deep learning EDANet. <i>Computers and Electronics in Agriculture</i> , 2020, 179, 105817.	3.7	50
7	Integrating MNF and HHT Transformations into Artificial Neural Networks for Hyperspectral Image Classification. <i>Remote Sensing</i> , 2020, 12, 2327.	1.8	10
8	Semantic Segmentation Using Deep Learning with Vegetation Indices for Rice Lodging Identification in Multi-date UAV Visible Images. <i>Remote Sensing</i> , 2020, 12, 633.	1.8	100
9	Post-earthquake spatio-temporal landslide analysis of Huisun Experimental Forest Station. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2019, 30, 493-508.	0.3	2
10	Timely and Quantitative Damage Assessment of Oyster Racks Using UAV Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 2862-2868.	2.3	8
11	Reusable macroporous photonic crystal-based ethanol vapor detectors by doctor blade coating. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 360-369.	5.0	30
12	Self-Assembled Curved Macroporous Photonic Crystal-Based Surfactant Detectors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 26333-26340.	4.0	5
13	Spatial and Spectral Hybrid Image Classification for Rice Lodging Assessment through UAV Imagery. <i>Remote Sensing</i> , 2017, 9, 583.	1.8	125
14	A Long-Term Vegetation Recovery Estimation for Mt. Jou-Jou Using Multi-Date SPOT 1, 2, and 4 Images. <i>Remote Sensing</i> , 2017, 9, 893.	1.8	9
15	Exploring Long Term Spatial Vegetation Trends in Taiwan from AVHRR NDVI3g Dataset Using RDA and HCA Analyses. <i>Remote Sensing</i> , 2016, 8, 290.	1.8	15
16	Self-assembled dual-sided hemispherical nano-dimple-structured broadband antireflection coatings. <i>Applied Physics Letters</i> , 2016, 109, 221601.	1.5	7
17	Self-Assembled Hierarchical Arrays for Colored Retroreflective Coatings. <i>Langmuir</i> , 2016, 32, 12869-12875.	1.6	9
18	Hyperspectral Image Classification Using Fast and Adaptive Bidimensional Empirical Mode Decomposition With Minimum Noise Fraction. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016, 13, 1950-1954.	1.4	21

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Spatial persistence and temporal patterns in vegetation cover across Florida, 1982â€“2006. Physical Geography, 2014, 35, 151-180.	0.6	12