

Ming Shen

List of Publications by Year in descending order

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505
citing authors

#	ARTICLE	IF	CITATIONS
1	A machine learning approach to estimate chlorophyll-a from Landsat-8 measurements in inland lakes. Remote Sensing of Environment, 2020, 248, 111974.	11.0	184
2	Sentinel-3 OLCI observations of water clarity in large lakes in eastern China: Implications for SDG 6.3.2 evaluation. Remote Sensing of Environment, 2020, 247, 111950.	11.0	85
3	Inversion of inherent optical properties in optically complex waters using sentinel-3A/OLCI images: A case study using China's three largest freshwater lakes. Remote Sensing of Environment, 2019, 225, 328-346.	11.0	68
4	Detection of illicit sand mining and the associated environmental effects in China's fourth largest freshwater lake using daytime and nighttime satellite images. Science of the Total Environment, 2019, 647, 606-618.	8.0	58
5	Pattern-Reconfigurable Yagi-Uda Antenna Based on Liquid Metal. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 587-591.	4.0	41
6	Determination of the Downwelling Diffuse Attenuation Coefficient of Lake Water with the Sentinel-3A OLCI. Remote Sensing, 2017, 9, 1246.	4.0	38
7	Optical Classification of the Remote Sensing Reflectance and Its Application in Deriving the Specific Phytoplankton Absorption in Optically Complex Lakes. Remote Sensing, 2019, 11, 184.	4.0	33
8	Human-induced eutrophication dominates the bio-optical compositions of suspended particles in shallow lakes: Implications for remote sensing. Science of the Total Environment, 2019, 667, 112-123.	8.0	33
9	Software-defined DDoS detection with information entropy analysis and optimized deep learning. Future Generation Computer Systems, 2022, 129, 99-114.	7.5	30
10	Variations of suspended particulate concentration and composition in Chinese lakes observed from Sentinel-3A OLCI images. Science of the Total Environment, 2020, 721, 137774.	8.0	29
11	Using VIIRS/NPP and MODIS/Aqua data to provide a continuous record of suspended particulate matter in a highly turbid inland lake. International Journal of Applied Earth Observation and Geoinformation, 2018, 64, 256-265.	2.8	26
12	Satellite Estimation of Dissolved Carbon Dioxide Concentrations in China's Lake Taihu. Environmental Science & Technology, 2020, 54, 13709-13718.	10.0	24
13	A Digital Signal Recovery Technique Using DNNs for LEO Satellite Communication Systems. IEEE Transactions on Industrial Electronics, 2021, 68, 6141-6151.	7.9	13
14	Evaluation of the sensitivity of China's next-generation ocean satellite sensor MWI onboard the Tiangong-2 space lab over inland waters. International Journal of Applied Earth Observation and Geoinformation, 2018, 71, 109-120.	2.8	10
15	Effect of Satellite Temporal Resolution on Long-Term Suspended Particulate Matter in Inland Lakes. Remote Sensing, 2019, 11, 2785.	4.0	10
16	Robust Digital Signal Recovery for LEO Satellite Communications Subject to High SNR Variation and Transmitter Memory Effects. IEEE Access, 2021, 9, 135803-135815.	4.2	7
17	A 3-D Wide Passband Frequency Selective Surface With Sharp Roll-Off Sidebands and Angular Stability. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 252-256.	4.0	7
18	Landsat observations of chlorophyll-a variations in Lake Taihu from 1984 to 2019. International Journal of Applied Earth Observation and Geoinformation, 2022, 106, 102642.	2.8	7

#	ARTICLE	IF	CITATIONS
19	Remote Estimation of Water Clarity and Suspended Particulate Matter in Qinghai Lake from 2001 to 2020 Using MODIS Images. <i>Remote Sensing</i> , 2022, 14, 3094.	4.0	7
20	Algorithm to derive inherent optical properties from remote sensing reflectance in turbid and eutrophic lakes. <i>Applied Optics</i> , 2019, 58, 8549.	1.8	5
21	Deep Neural Network-Based Receiver for Next-Generation LEO Satellite Communications. <i>IEEE Access</i> , 2020, 8, 222109-222116.	4.2	4
22	Recurrent NEAT Assisted 2D-DOA Estimation With Reduced Complexity for Satellite Communication Systems. <i>IEEE Access</i> , 2022, 10, 11551-11563.	4.2	4
23	A Two-Stage Deep Learning Receiver for High Throughput Power Efficient LEO Satellite System With Varied Operation Status. <i>IEEE Access</i> , 2022, 10, 60904-60913.	4.2	1
24	Hybrid Digital Pre-Distortion for Active Phased Arrays Subject to Varied Power and Steering Angle. <i>IEEE Microwave and Wireless Components Letters</i> , 2022, , 1-4.	3.2	0