

Chao Sun

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

927
citations

516710

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552781

26
g-index

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all docs

26
docs citations

26
times ranked

927
citing authors

#	ARTICLE	IF	CITATIONS
1	Robustness assessment of urban rail transit based on complex network theory: A case study of the Beijing Subway. <i>Safety Science</i> , 2015, 79, 149-162.	4.9	199
2	Accessibility impact of the present and future high-speed rail network: A case study of Jiangsu Province, China. <i>Journal of Transport Geography</i> , 2016, 54, 161-172.	5.0	94
3	Classification mapping of salt marsh vegetation by flexible monthly NDVI time-series using Landsat imagery. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 213, 61-80.	2.1	69
4	Identifying industrial heat sources using time-series of the VIIRS Nightfire product with an object-oriented approach. <i>Remote Sensing of Environment</i> , 2018, 204, 347-365.	11.0	62
5	Evolution of Landscape Ecological Risk at the Optimal Scale: A Case Study of the Open Coastal Wetlands in Jiangsu, China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1691.	2.6	54
6	Plant species classification in salt marshes using phenological parameters derived from Sentinel-2 pixel-differential time-series. <i>Remote Sensing of Environment</i> , 2021, 256, 112320.	11.0	52
7	Mapping coastal salt marshes in China using time series of Sentinel-1 SAR. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 173, 122-134.	11.1	48
8	Classification mapping and species identification of salt marshes based on a short-time interval NDVI time-series from HJ-1 optical imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 45, 27-41.	2.8	46
9	Automatic extraction of offshore platforms using time-series Landsat-8 Operational Land Imager data. <i>Remote Sensing of Environment</i> , 2016, 175, 73-91.	11.0	37
10	Assessment of offshore oil/gas platform status in the northern Gulf of Mexico using multi-source satellite time-series images. <i>Remote Sensing of Environment</i> , 2018, 208, 63-81.	11.0	32
11	Potential Impacts of China 2030 High-Speed Rail Network on Ground Transportation Accessibility. <i>Sustainability</i> , 2018, 10, 1270.	3.2	31
12	A study of the environmental factors influencing the growth phases of <i>Ulva prolifera</i> in the southern Yellow Sea, China. <i>Marine Pollution Bulletin</i> , 2018, 135, 1016-1025.	5.0	30
13	Analysis of Jiangsu tidal flats reclamation from 1974 to 2012 using remote sensing. <i>China Ocean Engineering</i> , 2015, 29, 143-154.	1.6	25
14	Geometric accuracy of remote sensing images over oceans: The use of global offshore platforms. <i>Remote Sensing of Environment</i> , 2019, 222, 244-266.	11.0	25
15	Onshore-offshore wind energy resource evaluation based on synergetic use of multiple satellite data and meteorological stations in Jiangsu Province, China. <i>Frontiers of Earth Science</i> , 2019, 13, 132-150.	2.1	22
16	Trajectory of coastal wetland vegetation in Xiangshan Bay, China, from image time series. <i>Marine Pollution Bulletin</i> , 2020, 160, 111697.	5.0	16
17	Evaluation of Vegetation Index-Based Curve Fitting Models for Accurate Classification of Salt Marsh Vegetation Using Sentinel-2 Time-Series. <i>Sensors</i> , 2020, 20, 5551.	3.8	14
18	Satellite data lift the veil on offshore platforms in the South China Sea. <i>Scientific Reports</i> , 2016, 6, 33623.	3.3	12

#	ARTICLE	IF	CITATIONS
19	Saltmarshes Response to Human Activities on a Prograding Coast Revealed by a Dual-Scale Time-Series Strategy. <i>Estuaries and Coasts</i> , 2017, 40, 522-539.	2.2	11
20	Stability evaluation of tidal flats based on time-series satellite images: A case study of the Jiangsu central coast, China. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 264, 107697.	2.1	10
21	Ecosystem service valuation of bays in East China Sea and its response to sea reclamation activities. <i>Journal of Chinese Geography</i> , 2020, 30, 1095-1116.	3.9	9
22	Estimating offshore oil production using DMSP-OLS annual composites. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 165, 152-171.	11.1	9
23	Automated Extraction and Mapping for Desert Wadis from Landsat Imagery in Arid West Asia. <i>Remote Sensing</i> , 2016, 8, 246.	4.0	6
24	Use of isochrone maps to assess the impact of high-speed rail network development on journey times: a case study of Nanjing city, Jiangsu province, China. <i>Journal of Maps</i> , 2016, 12, 514-519.	2.0	6
25	Satellite Observation of the Marine Light-Fishing and Its Dynamics in the South China Sea. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1394.	2.6	6
26	Changes of wetland in the Sanmen Bay, Zhejiang province based on Landsat time-series remote sensing images. <i>Journal of Natural Resources</i> , 2022, 37, 1036.	0.6	2