

Zhenghong Tang

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,406
citations

257450

24
h-index

206112

48
g-index

57
all docs

57
docs citations

57
times ranked

2709
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the contemporary status of Nebraska's eastern saline wetlands by using a machine learning algorithm on the Google Earth Engine cloud computing platform. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 193.	2.7	9
2	Evaluating Nebraska's local comprehensive plans to achieve the national wetland conservation missions in the USA. <i>Ecosystem Health and Sustainability</i> , 2022, 8, .	3.1	0
3	Assessing Social Media Communications of Local Governments in Fast-Growing U.S. Cities. <i>Professional Geographer</i> , 2021, 73, 702-712.	1.8	1
4	Utilizing unsupervised learning, multi-view imaging, and CNN-based attention facilitates cost-effective wetland mapping. <i>Remote Sensing of Environment</i> , 2021, 267, 112757.	11.0	12
5	Using the electromagnetic induction survey method to examine the depth to clay soil layer (Bt) in the Ogallala Aquifer. <i>Geophysics</i> , 2021, 86, 10.	3.0	2
6	Conservation significantly improves wetland conditions: evaluation of playa wetlands in different conservation status. <i>Wetlands Ecology and Management</i> , 2020, 28, 85-102.	1.5	6
7	Climate change impacts the subsurface transport of atrazine and estrone originating from agricultural production activities. <i>Environmental Pollution</i> , 2020, 265, 115024.	7.5	7
8	Calibrating Human Attention as Indicator Monitoring #drought in the Twittersphere. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E1801-E1819.	3.3	11
9	Long-Term Changes of Open-Surface Water Bodies in the Yangtze River Basin Based on the Google Earth Engine Cloud Platform. <i>Remote Sensing</i> , 2019, 11, 2213.	4.0	90
10	Spectral matching based on discrete particle swarm optimization: A new method for terrestrial water body extraction using multi-temporal Landsat 8 images. <i>Remote Sensing of Environment</i> , 2018, 209, 1-18.	11.0	55
11	Assessing Hazard Vulnerability, Habitat Conservation, and Restoration for the Enhancement of Mainland China's Coastal Resilience. <i>Earth's Future</i> , 2018, 6, 326-338.	6.3	57
12	Evaluating climate change adaptation efforts on the US 50 states' hazard mitigation plans. <i>Natural Hazards</i> , 2018, 92, 783-804.	3.4	7
13	Examining Playa Wetland Contemporary Conditions in the Rainwater Basin, Nebraska. <i>Wetlands</i> , 2018, 38, 25-36.	1.5	13
14	An examination of midwestern US cities' preparedness for climate change and extreme hazards. <i>Natural Hazards</i> , 2018, 94, 777-800.	3.4	4
15	Evaluating the aesthetic value of cultural ecosystem services by mapping geo-tagged photographs from social media data on Panoramio and Flickr. <i>Journal of Environmental Planning and Management</i> , 2017, 60, 266-281.	4.5	98
16	Modelling the potential impacts of urban ecosystem changes on carbon storage under different scenarios by linking the CLUE-S and the InVEST models. <i>Ecological Modelling</i> , 2017, 345, 30-40.	2.5	144
17	Comparative evaluation of geological disaster susceptibility using multi-regression methods and spatial accuracy validation. <i>Journal of Chinese Geography</i> , 2017, 27, 439-462.	3.9	40
18	Winter wheat mapping combining variations before and after estimated heading dates. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 123, 35-46.	11.1	89

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19	Developing an Interactive Mobile Volunteered Geographic Information Platform to Integrate Environmental Big Data and Citizen Science in Urban Management. <i>Springer Geography</i> , 2017, , 65-81.	0.4	4
20	Spatio-Temporal Change of Lake Water Extent in Wuhan Urban Agglomeration Based on Landsat Images from 1987 to 2015. <i>Remote Sensing</i> , 2017, 9, 270.	4.0	67
21	Use RUSLE2 model to assess the impact of soil erosion on playa inundation and hydrophyte conditions in the Rainwater Basin, Nebraska. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 319.	2.7	5
22	Assessing Nebraska playa wetland inundation status during 1985â€“2015 using Landsat data and Google Earth Engine. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 654.	2.7	67
23	Evaluating Internet-based public participation GIS (PPGIS) and volunteered geographic information (VGI) in environmental planning and management. <i>Journal of Environmental Planning and Management</i> , 2016, 59, 1073-1090.	4.5	20
24	Using Fly Ash as a Marker to Quantify Culturallyâ€“Accelerated Sediment Accumulation in Playa Wetlands. <i>Journal of the American Water Resources Association</i> , 2015, 51, 1643-1655.	2.4	9
25	Effects of rainfall and slope on runoff, soil erosion and rill development: an experimental study using two loess soils. <i>Hydrological Processes</i> , 2015, 29, 2649-2658.	2.6	118
26	Examining the role of social media in Californiaâ€™s drought risk management in 2014. <i>Natural Hazards</i> , 2015, 79, 171-193.	3.4	92
27	Mapping paddy rice areas based on vegetation phenology and surface moisture conditions. <i>Ecological Indicators</i> , 2015, 56, 79-86.	6.3	74
28	Examining Playa Wetland Inundation Conditions for National Wetland Inventory, Soil Survey Geographic Database, and LiDAR Data. <i>Wetlands</i> , 2015, 35, 641-654.	1.5	12
29	Microbial responses to erosion-induced soil physico-chemical property changes in the hilly red soil region of southern China. <i>European Journal of Soil Biology</i> , 2015, 71, 37-44.	3.2	52
30	Impact of meteorological drought on streamflow drought in Jinghe River Basin of China. <i>Chinese Geographical Science</i> , 2014, 24, 694-705.	3.0	56
31	Capturing LiDAR-Derived Hydrologic Spatial Parameters to Evaluate Playa Wetlands. <i>Journal of the American Water Resources Association</i> , 2014, 50, 234-245.	2.4	18
32	Projected climate regime shift under future global warming from multi-model, multi-scenario CMIP5 simulations. <i>Global and Planetary Change</i> , 2014, 112, 41-52.	3.5	169
33	BUILDING LOW-CARBON CITIES: ASSESSING THE FAST GROWING U.S. CITIES' LAND USE COMPREHENSIVE PLANS. <i>Journal of Environmental Assessment Policy and Management</i> , 2014, 16, 1450003.	7.9	4
34	Drought planning research in the United States: An overview and outlook. <i>International Journal of Disaster Risk Science</i> , 2013, 4, 51-58.	2.9	18
35	An overview of US state drought plans: crisis or risk management?. <i>Natural Hazards</i> , 2013, 69, 1607-1627.	3.4	28
36	Planning for drought-resilient communities: An evaluation of local comprehensive plans in the fastest growing counties in the US. <i>Cities</i> , 2013, 32, 60-69.	5.6	34

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37	Effects of water erosion on the redistribution of soil organic carbon in the hilly red soil region of southern China. <i>Geomorphology</i> , 2013, 197, 137-144.	2.6	79
38	Content analysis for the U.S. coastal states' climate action plans in managing the risks of extreme climate events and disasters. <i>Ocean and Coastal Management</i> , 2013, 80, 46-54.	4.4	19
39	Drainage Structure Datasets and Effects on LiDAR-Derived Surface Flow Modeling. <i>ISPRS International Journal of Geo-Information</i> , 2013, 2, 1136-1152.	2.9	16
40	Surveying local planning directors' actions for climate change. <i>International Journal of Climate Change Strategies and Management</i> , 2012, 4, 81-103.	2.9	10
41	Developing a Restorable Wetland Index for Rainwater Basin Wetlands in South-Central Nebraska: A Multi-Criteria Spatial Analysis. <i>Wetlands</i> , 2012, 32, 975-984.	1.5	17
42	Measuring local climate change response capacity and bridging gaps between local action plans and land use plans. <i>International Journal of Climate Change Strategies and Management</i> , 2011, 3, 74-100.	2.9	9
43	A GIS-Based Spatial Multi-Criteria Approach for Flood Risk Assessment in the Dongting Lake Region, Hunan, Central China. <i>Water Resources Management</i> , 2011, 25, 3465-3484.	3.9	262
44	The use of forest-derived specific gravity for the conversion of volume to biomass for open-grown trees on agricultural land. <i>Biomass and Bioenergy</i> , 2011, 35, 1721-1731.	5.7	22
45	Examining locally driven climate change policy efforts in three Pacific states. <i>Ocean and Coastal Management</i> , 2011, 54, 415-426.	4.4	26
46	Examining Local Coastal Zone Management Capacity in U.S. Pacific Coastal Counties. <i>Coastal Management</i> , 2011, 39, 105-132.	2.0	23
47	ASSESSING THE PRINCIPLES OF COMMUNITY-BASED NATURAL RESOURCES MANAGEMENT IN LOCAL ENVIRONMENTAL CONSERVATION PLANS. <i>Journal of Environmental Assessment Policy and Management</i> , 2011, 13, 405-434.	7.9	6
48	ASSESSING SUSTAINABLE DEVELOPMENT GAPS BETWEEN THE STATE AND LOCAL JURISDICTIONS. <i>Journal of Environmental Assessment Policy and Management</i> , 2010, 12, 263-289.	7.9	1
49	Moving from agenda to action: evaluating local climate change action plans. <i>Journal of Environmental Planning and Management</i> , 2010, 53, 41-62.	4.5	213
50	Evaluating California local land use plan's environmental impact reports. <i>Environmental Impact Assessment Review</i> , 2009, 29, 96-106.	9.2	27
51	Linking Planning Theories with Factors Influencing Local Environmental-Plan Quality. <i>Environment and Planning B: Planning and Design</i> , 2009, 36, 522-537.	1.7	52
52	How are California local jurisdictions incorporating a strategic environmental assessment in local comprehensive land use plans?. <i>Local Environment</i> , 2009, 14, 313-328.	2.4	11
53	Evaluating local coastal zone land use planning capacities in California. <i>Ocean and Coastal Management</i> , 2008, 51, 544-555.	4.4	47
54	INTEGRATING THE PRINCIPLES OF STRATEGIC ENVIRONMENTAL ASSESSMENT INTO LOCAL COMPREHENSIVE LAND USE PLANNING. <i>Journal of Environmental Assessment Policy and Management</i> , 2008, 10, 143-171.	7.9	14

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55	Measuring Tsunami Planning Capacity on U.S. Pacific Coast. <i>Natural Hazards Review</i> , 2008, 9, 91-100.	1.5	53
56	The Role of Local Leaders in Environmental Concerns in Master Plans. <i>Journal of Planning Education and Research</i> , 0, , 0739456X1769906.	2.7	6