

Wei Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5704100/publications.pdf>

Version: 2024-02-01

35
papers

922
citations

566801

15
h-index

454577

30
g-index

37
all docs

37
docs citations

37
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping Global Risk of River Flood Mortality. IHDP/Future Earth-integrated Risk Governance Project Series, 2022, , 195-202.	0.2	1
2	Accelerated exacerbation of global extreme heatwaves under warming scenarios. International Journal of Climatology, 2022, 42, 5430-5441.	1.5	5
3	Increasingly dry/wet abrupt alternation events in a warmer world: Observed evidence from China during 1980â€“2019. International Journal of Climatology, 2022, 42, 6429-6440.	1.5	17
4	Analysis of affected population vulnerability to rainstorms and its induced floods at county level: A case study of Zhejiang Province, China. International Journal of Disaster Risk Reduction, 2022, 75, 102976.	1.8	8
5	Changes in the spatiotemporal patterns of dry/wet abrupt alternation frequency, duration, and severity in Mainland China, 1980â€“2019. Science of the Total Environment, 2022, 838, 156521.	3.9	13
6	Webâ€“Based Data to Quantify Meteorological and Geographical Effects on Heat Stroke: Case Study in China. GeoHealth, 2022, 6, .	1.9	3
7	Global mortality risk assessment from river flooding under climate change. Environmental Research Letters, 2021, 16, 064036.	2.2	19
8	Land use and land cover play weak roles in typhoon economic losses at the county level. Geomatics, Natural Hazards and Risk, 2021, 12, 1287-1297.	2.0	5
9	Quantitative Risk Assessment of Population Affected by Tropical Cyclones Through Joint Consideration of Extreme Precipitation and Strong Windâ€“A Case Study of Hainan Province. Earth's Future, 2021, 9, .	2.4	10
10	Typhoon track changeâ€“based emergency shelter locationâ€“allocation model: a case study of Wenchang in Hainan province, China. Injury Prevention, 2020, 26, 196-203.	1.2	5
11	A Typhoon Shelter Selection and Evacuee Allocation Model: A Case Study of Macao (SAR), China. Sustainability, 2020, 12, 3308.	1.6	4
12	Quantitative Multi-Hazard Risk Assessment of Crop Loss in the Yangtze River Delta Region of China. Sustainability, 2019, 11, 922.	1.6	10
13	A Three-Stage Hierarchical Model for An Earthquake Shelter Location-Allocation Problem: Case Study of Chaoyang District, Beijing, China. Sustainability, 2019, 11, 4561.	1.6	9
14	A hierarchical mathematical model of the earthquake shelter location-allocation problem solved using an interleaved MPSOâ€“GA. Geomatics, Natural Hazards and Risk, 2019, 10, 1712-1737.	2.0	13
15	Global exposure to rainstorms and the contribution rates of climate change and population change. Science of the Total Environment, 2019, 663, 644-653.	3.9	52
16	Emergency shelters location-allocation problem concerning uncertainty and limited resources: a multi-objective optimization with a case study in the Central area of Beijing, China. Geomatics, Natural Hazards and Risk, 2019, 10, 1242-1266.	2.0	13
17	Site Selection Models in Natural Disaster Shelters: A Review. Sustainability, 2019, 11, 399.	1.6	34
18	Hierarchical supplement location-allocation optimization for disaster supply warehouses in the Beijingâ€“Tianjinâ€“Hebei region of China. Geomatics, Natural Hazards and Risk, 2019, 10, 102-117.	2.0	9

#	ARTICLE	IF	CITATIONS
19	A comparison of scenario-based hybrid bilevel and multi-objective location-allocation models for earthquake emergency shelters: a case study in the central area of Beijing, China. <i>International Journal of Geographical Information Science</i> , 2018, 32, 236-256.	2.2	42
20	A multi-objective optimization based method for evaluating earthquake shelter location allocation. <i>Geomatics, Natural Hazards and Risk</i> , 2018, 9, 662-677.	2.0	24
21	A River Channel Extraction Method for Urban Environments Based on Terrain Transition Lines. <i>Water Resources Research</i> , 2018, 54, 4887-4900.	1.7	4
22	LiDAR Filtering of Urban Areas With Region Growing Based on Moving-Window Weighted Iterative Least-Squares Fitting. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 841-845.	1.4	19
23	Relationships Between Evacuation Population Size, Earthquake Emergency Shelter Capacity, and Evacuation Time. <i>International Journal of Disaster Risk Science</i> , 2017, 8, 457-470.	1.3	34
24	Increase of Elderly Population in the Rainstorm Hazard Areas of China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 963.	1.2	12
25	Modeling the Hourly Distribution of Population at a High Spatiotemporal Resolution Using Subway Smart Card Data: A Case Study in the Central Area of Beijing. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 128.	1.4	33
26	Assessment of the Casualty Risk of Multiple Meteorological Hazards in China. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 222.	1.2	12
27	Mapping and ranking global mortality, affected population and GDP loss risks for multiple climatic hazards. <i>Journal of Chinese Geography</i> , 2016, 26, 878-888.	1.5	13
28	Quantitative multi-hazard risk assessment with vulnerability surface and hazard joint return period. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015, 29, 35-44.	1.9	53
29	Mapping the expected annual fatality risk of volcano on a global scale. <i>International Journal of Disaster Risk Reduction</i> , 2015, 13, 52-60.	1.8	14
30	Scenario-Based Multi-Objective Optimum Allocation Model for Earthquake Emergency Shelters Using a Modified Particle Swarm Optimization Algorithm: A Case Study in Chaoyang District, Beijing, China. <i>PLoS ONE</i> , 2015, 10, e0144455.	1.1	35
31	A non-dominated sorting genetic algorithm for the location and districting planning of earthquake shelters. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1482-1501.	2.2	58
32	Exceedance probability of multiple natural hazards: risk assessment in China's Yangtze River Delta. <i>Natural Hazards</i> , 2013, 69, 2039-2055.	1.6	36
33	Assessment of social vulnerability to natural hazards in the Yangtze River Delta, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013, 27, 1899-1908.	1.9	75
34	Analysis of dry/wet conditions using the standardized precipitation index and its potential usefulness for drought/flood monitoring in Hunan Province, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013, 27, 377-387.	1.9	171
35	A modified particle swarm optimization algorithm for optimal allocation of earthquake emergency shelters. <i>International Journal of Geographical Information Science</i> , 2012, 26, 1643-1666.	2.2	57