

Alexander Fekete

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,783
citations

361045

20
h-index

276539

41
g-index

54
all docs

54
docs citations

54
times ranked

1716
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of a social vulnerability index in context to river-floods in Germany. <i>Natural Hazards and Earth System Sciences</i> , 2009, 9, 393-403.	1.5	397
2	A multi-criteria approach for assessing urban flood resilience in Tehran, Iran. <i>International Journal of Disaster Risk Reduction</i> , 2019, 35, 101069.	1.8	167
3	Scales as a challenge for vulnerability assessment. <i>Natural Hazards</i> , 2010, 55, 729-747.	1.6	153
4	Spatial disaster vulnerability and risk assessments: challenges in their quality and acceptance. <i>Natural Hazards</i> , 2012, 61, 1161-1178.	1.6	111
5	Benefits and Challenges of Resilience and Vulnerability for Disaster Risk Management. <i>International Journal of Disaster Risk Science</i> , 2014, 5, 3-20.	1.3	95
6	Common criteria for the assessment of critical infrastructures. <i>International Journal of Disaster Risk Science</i> , 2011, 2, 15-24.	1.3	86
7	Here Comes the Flood, but Not Failure? Lessons to Learn after the Heavy Rain and Pluvial Floods in Germany 2021. <i>Water (Switzerland)</i> , 2021, 13, 3016.	1.2	83
8	Constructing a comprehensive disaster resilience index: The case of Italy. <i>PLoS ONE</i> , 2019, 14, e0221585.	1.1	45
9	Critical infrastructure and flood resilience: Cascading effects beyond water. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019, 6, e1370.	2.8	43
10	Social Vulnerability (Re-)Assessment in Context to Natural Hazards: Review of the Usefulness of the Spatial Indicator Approach and Investigations of Validation Demands. <i>International Journal of Disaster Risk Science</i> , 2019, 10, 220-232.	1.3	40
11	Swimming alone? Why linking flood risk perception and behavior requires more than it's the individual, stupid. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, e1462.	2.8	37
12	Critical Data Source; Tool or Even Infrastructure? Challenges of Geographic Information Systems and Remote Sensing for Disaster Risk Governance. <i>ISPRS International Journal of Geo-Information</i> , 2015, 4, 1848-1869.	1.4	35
13	Extreme Events, Critical Infrastructures, Human Vulnerability and Strategic Planning: Emerging Research Issues. <i>Journal of Extreme Events</i> , 2016, 03, 1650017.	1.2	35
14	Safety and security target levels: Opportunities and challenges for risk management and risk communication. <i>International Journal of Disaster Risk Reduction</i> , 2012, 2, 67-76.	1.8	34
15	Problematising loss and damage. <i>International Journal of Global Warming</i> , 2015, 8, 274.	0.2	31
16	Social vulnerability change assessment: monitoring longitudinal demographic indicators of disaster risk in Germany from 2005 to 2015. <i>Natural Hazards</i> , 2019, 95, 585-614.	1.6	31
17	Spatial exposure aspects contributing to vulnerability and resilience assessments of urban critical infrastructure in a flood and blackout context. <i>Natural Hazards</i> , 2017, 86, 151-176.	1.6	30
18	Critical infrastructure cascading effects. Disaster resilience assessment for floods affecting city of Cologne and Rhein-Erft-Kreis. <i>Journal of Flood Risk Management</i> , 2020, 13, e312600.	1.6	25

#	ARTICLE	IF	CITATIONS
19	Resilience: On a going wave or subsiding trend in flood risk research and practice?. Wiley Interdisciplinary Reviews: Water, 2020, 7, e1397.	2.8	24
20	Urbanization, migration, and the challenges of resilience thinking in urban planning: Insights from two contrasting planning systems in Germany and Iran. Cities, 2022, 125, 103642.	2.7	24
21	Disaster-Related Resilience as Ability and Process: A Concept Guiding the Analysis of Response Behavior before, during and after Extreme Events. American Journal of Climate Change, 2018, 07, 54-78.	0.5	21
22	Opportunities provided by geographic information systems and volunteered geographic information for a timely emergency response during flood events in Cologne, Germany. Natural Hazards, 2018, 91, 29.	1.6	20
23	Societal resilience indicator assessment using demographic and infrastructure data at the case of Germany in context to multiple disaster risks. International Journal of Disaster Risk Reduction, 2018, 31, 203-211.	1.8	18
24	Resilience learning and indigenous knowledge of earthquake risk in Indonesia. International Journal of Disaster Risk Reduction, 2021, 62, 102423.	1.8	18
25	How "Sustainable" are Post-disaster Measures? Lessons to Be Learned a Decade After the 2004 Tsunami in the Indian Ocean. International Journal of Disaster Risk Science, 2017, 8, 33-45.	1.3	17
26	Sustainable Digital Transformation of Disaster Risk "Integrating New Types of Digital Social Vulnerability and Interdependencies with Critical Infrastructure. Sustainability, 2020, 12, 9324.	1.6	17
27	CORONA High-Resolution Satellite and Aerial Imagery for Change Detection Assessment of Natural Hazard Risk and Urban Growth in El Alto/La Paz in Bolivia, Santiago de Chile, Yungay in Peru, Qazvin in Iran, and Mount St. Helens in the USA. Remote Sensing, 2020, 12, 3246.	1.8	17
28	Increasing flood risk awareness and warning readiness by participation " But who understands what under " participation"?. International Journal of Disaster Risk Reduction, 2021, 57, 102157.	1.8	17
29	Pathways for advancing integrative disaster risk and resilience management in Iran: Needs, challenges and opportunities. International Journal of Disaster Risk Reduction, 2020, 49, 101635.	1.8	17
30	Risk management goals and identification of critical infrastructures. International Journal of Critical Infrastructures, 2012, 8, 336.	0.1	16
31	Loss and Damage as an Alternative to Resilience and Vulnerability? Preliminary Reflections on an Emerging Climate Change Adaptation Discourse. International Journal of Disaster Risk Science, 2014, 5, 88-93.	1.3	14
32	A Framework for Scaling Urban Transformative Resilience through Utilizing Volunteered Geographic Information. ISPRS International Journal of Geo-Information, 2022, 11, 114.	1.4	12
33	Bridging Gaps in Minimum Humanitarian Standards and Shelter Planning by Critical Infrastructures. Sustainability, 2021, 13, 849.	1.6	10
34	From Application to Evaluation: Addressing the Usefulness of Resilience and Vulnerability. International Journal of Disaster Risk Science, 2014, 5, 1-2.	1.3	8
35	System Criticality of Road Network Areas for Emergency Management Services " Spatial Assessment Using a Tessellation Approach. Infrastructures, 2020, 5, 99.	1.4	8
36	Motivation, Satisfaction, and Risks of Operational Forces and Helpers Regarding the 2021 and 2013 Flood Operations in Germany. Sustainability, 2021, 13, 12587.	1.6	5

#	ARTICLE	IF	CITATIONS
37	Urban Resilience and Crisis Management: Perspectives from France and Germany. Urban Book Series, 2018, , 473-494.	0.3	3
38	Cross-Border Urban Change Detection and Growth Assessment for Mexican-USA Twin Cities. Remote Sensing, 2021, 13, 4422.	1.8	3
39	Phasing out of nuclear - Phasing out of risk? Spatial assessment of social vulnerability and exposure to nuclear power plants in Germany. Progress in Disaster Science, 2022, 15, 100242.	1.4	3
40	Introduction to "Urban Disaster Resilience and Security" Addressing Risks in Societies™. Urban Book Series, 2018, , 1-9.	0.3	2
41	Urban and Rural Landslide Hazard and Exposure Mapping Using Landsat and Corona Satellite Imagery for Tehran and the Alborz Mountains, Iran. AIMS Geosciences, 2017, 3, 37-66.	0.4	2
42	Integrated modelling of social-ecological systems for climate change adaptation. Socio-Environmental Systems Modeling, 0, 3, 18161.	0.0	2
43	Atlas Vulnerability and Resilience/Atlas Verwundbarkeit und Resilienz. Disaster Prevention and Management, 2017, 26, 377-379.	0.6	1
44	Considerations About Urban Disaster Resilience and Security" Two Concepts in Tandem?. Urban Book Series, 2018, , 495-502.	0.3	1
45	Water-Related Hazard and Risk Management. , 2021, , 675-734.		1
46	Resilienz in der Risiko- und Katastrophenforschung: Perspektiven f¼r disziplin¼bergreifende Arbeitsfelder. , 2016, , 215-231.		1
47	7. Umwelt als GefÄhrdung - Wahrheit und Wahrnehmung. Sozialtheorie, 2011, , 91-110.	0.0	1
48	Building Community Resilience to Flash Floods: Lessons Learnt from a Case Study in the Valles Urban Area, SLP, Mexico. Sustainable Development Goals Series, 2018, , 265-278.	0.2	0
49	Post-earthquake Recovery in Nepal: A Study and Analysis of Post Disaster Perception and Needs for Housing Recovery After 2015 Earthquake. Contemporary Urban Design Thinking, 2020, , 101-121.	0.4	0