

Thomas J Pingel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5225044/publications.pdf>

Version: 2024-02-01

22
papers

18,203
citations

759233

12
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

27812
citing authors

#	ARTICLE	IF	CITATIONS
1	SciPy 1.0: fundamental algorithms for scientific computing in Python. <i>Nature Methods</i> , 2020, 17, 261-272.	19.0	17,539
2	An improved simple morphological filter for the terrain classification of airborne LIDAR data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2013, 77, 21-30.	11.1	237
3	Sea Water Intrusion by Sea-Level Rise: Scenarios for the 21st Century. <i>Ground Water</i> , 2012, 50, 37-47.	1.3	78
4	The effect of urbanisation on the climatology of thunderstorm initiation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 663-675.	2.7	67
5	Projected 21st century changes in tornado exposure, risk, and disaster potential. <i>Climatic Change</i> , 2017, 141, 301-313.	3.6	46
6	Modeling Slope as a Contributor to Route Selection in Mountainous Areas. <i>Cartography and Geographic Information Science</i> , 2010, 37, 137-148.	3.0	42
7	Observed and Projected Changes in United States Tornado Exposure. <i>Weather, Climate, and Society</i> , 2017, 9, 109-123.	1.1	31
8	Bonemapping: a LiDAR processing and visualization technique in support of archaeology under the canopy. <i>Cartography and Geographic Information Science</i> , 2015, 42, 18-26.	3.0	25
9	A Monte Carlo model for estimating tornado impacts. <i>Meteorological Applications</i> , 2016, 23, 269-281.	2.1	23
10	Unmanned aerial vehicle based measurement of urban forests. <i>Urban Forestry and Urban Greening</i> , 2020, 48, 126574.	5.3	19
11	How land use alters the tornado disaster landscape. <i>Applied Geography</i> , 2018, 94, 18-29.	3.7	17
12	A multi-institutional study of inquiry-based lab activities using the Augmented Reality Sandbox: impacts on undergraduate student learning. <i>Journal of Geography in Higher Education</i> , 2020, 44, 85-107.	2.6	16
13	Perceptually Shaded Slope Maps for the Visualization of Digital Surface Models. <i>Cartographica</i> , 2014, 49, 225-240.	0.4	12
14	A progressive black top hat transformation algorithm for estimating valley volumes on Mars. <i>Computers and Geosciences</i> , 2015, 75, 17-23.	4.2	12
15	Estimating Floodplain Vegetative Roughness Using Drone-Based Laser Scanning and Structure from Motion Photogrammetry. <i>Remote Sensing</i> , 2021, 13, 2616.	4.0	8
16	Assessment of Canopy Health with Drone-Based Orthoimagery in a Southern Appalachian Red Spruce Forest. <i>Remote Sensing</i> , 2022, 14, 1341.	4.0	7
17	The Relationship Between Scale and Strategy in Search-Based Wayfinding. <i>Cartographic Perspectives</i> , 2014, , 33-45.	0.1	5
18	Using Web Maps to Analyze the Construction of Global Scale Cognitive Maps. <i>Journal of Geography</i> , 2018, 117, 153-164.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Deriving Land and Water Surface Elevations in the Northeastern Yucatán Peninsula Using PPK GPS and UAV-Based Structure from Motion. <i>Papers in Applied Geography</i> , 2021, 7, 294-315.	1.4	5
20	The Raster Data Model. <i>Geographic Information Science & Technology Body of Knowledge</i> , 2018, 2018, .	0.2	4
21	Characterizing the role of strategic disposition and orientation to risk in wayfinding. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2012, 15, 427-437.	3.7	3
22	Risk perception in small island developing states: a case study in the Commonwealth of Dominica. <i>Natural Hazards</i> , 2021, 105, 889-914.	3.4	2