Thomas J Pingel

List of Publications by Year
in descending order

22	18,203	759233	677142
papers	citations	12	22
		h-index	g-index

22	22	22	27812
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Canopy Health with Drone-Based Orthoimagery in a Southern Appalachian Red Spruce Forest. Remote Sensing, 2022, 14, 1341.	4.0	7
2	Risk perception in small island developing states: a case study in the Commonwealth of Dominica. Natural Hazards, 2021, 105, 889-914.	3.4	2
3	Deriving Land and Water Surface Elevations in the Northeastern Yucatán Peninsula Using PPK GPS and UAV-Based Structure from Motion. Papers in Applied Geography, 2021, 7, 294-315.	1.4	5
4	Estimating Floodplain Vegetative Roughness Using Drone-Based Laser Scanning and Structure from Motion Photogrammetry. Remote Sensing, 2021, 13, 2616.	4.0	8
5	Unmanned aerial vehicle based measurement of urban forests. Urban Forestry and Urban Greening, 2020, 48, 126574.	5.3	19
6	A multi-institutional study of inquiry-based lab activities using the Augmented Reality Sandbox: impacts on undergraduate student learning. Journal of Geography in Higher Education, 2020, 44, 85-107.	2.6	16
7	SciPy 1.0: fundamental algorithms for scientific computing in Python. Nature Methods, 2020, 17, 261-272.	19.0	17,539
8	Using Web Maps to Analyze the Construction of Global Scale Cognitive Maps. Journal of Geography, 2018, 117, 153-164.	1.5	5
9	How land use alters the tornado disaster landscape. Applied Geography, 2018, 94, 18-29.	3.7	17
10	The Raster Data Model. Geographic Information Science & Technology Body of Knowledge, 2018, 2018, .	0.2	4
11	Projected 21st century changes in tornado exposure, risk, and disaster potential. Climatic Change, 2017, 141, 301-313.	3.6	46
12	Observed and Projected Changes in United States Tornado Exposure. Weather, Climate, and Society, 2017, 9, 109-123.	1.1	31
13	A Monte Carlo model for estimating tornado impacts. Meteorological Applications, 2016, 23, 269-281.	2.1	23
14	Bonemapping: a LiDAR processing and visualization technique in support of archaeology under the canopy. Cartography and Geographic Information Science, 2015, 42, 18-26.	3.0	25
15	The effect of urbanisation on the climatology of thunderstorm initiation. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 663-675.	2.7	67
16	A progressive black top hat transformation algorithm for estimating valley volumes on Mars. Computers and Geosciences, 2015, 75, 17-23.	4.2	12
17	Perceptually Shaded Slope Maps for the Visualization of Digital Surface Models. Cartographica, 2014, 49, 225-240.	0.4	12
18	The Relationship Between Scale and Strategy in Search-Based Wayfinding. Cartographic Perspectives, 2014, , 33-45.	0.1	5

#	Article	IF	Citations
19	An improved simple morphological filter for the terrain classification of airborne LIDAR data. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 77, 21-30.	11.1	237
20	Characterizing the role of strategic disposition and orientation to risk in wayfinding. Transportation Research Part F: Traffic Psychology and Behaviour, 2012, 15, 427-437.	3.7	3
21	Sea Water Intrusion by Sea‐Level Rise: Scenarios for the 21st Century. Ground Water, 2012, 50, 37-47.	1.3	78
22	Modeling Slope as a Contributor to Route Selection in Mountainous Areas. Cartography and Geographic Information Science, 2010, 37, 137-148.	3.0	42