Kerry Nice

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/527359/publications.pdf

Version: 2024-02-01

19	373	840119 11	839053 18
papers	citations	h-index	g-index

29	29	29	408
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An urban ecohydrological model to quantify the effect of vegetation on urban climate and hydrology (UT&C v1.0). Geoscientific Model Development, 2020, 13, 335-362.	1.3	79
2	Development of the VTUF-3D v1.0 urban micro-climate model to support assessment of urban vegetation influences on human thermal comfort. Urban Climate, 2018, 24, 1052-1076.	2.4	50
3	Real-time monitoring of driver drowsiness on mobile platforms using 3D neural networks. Neural Computing and Applications, 2020, 32, 9731-9743.	3.2	41
4	A global analysis of urban design types and road transport injury: an image processing study. Lancet Planetary Health, The, 2020, 4, e32-e42.	5.1	32
5	The Air-temperature Response to Green/blue-infrastructure Evaluation Tool (TARGETÂv1.0): an efficient and user-friendly model of city cooling. Geoscientific Model Development, 2019, 12, 785-803.	1.3	26
6	Streetscape augmentation using generative adversarial networks: Insights related to health and wellbeing. Sustainable Cities and Society, 2019, 49, 101602.	5.1	22
7	Estimating the cooling potential of irrigating green spaces in 100 global cities with arid, temperate or continental climates. Sustainable Cities and Society, 2021, 71, 102974.	5.1	19
8	Sky pixel detection in outdoor imagery using an adaptive algorithm and machine learning. Urban Climate, 2020, 31, 100572.	2.4	17
9	Identifying safe intersection design through unsupervised feature extraction from satellite imagery. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 346-361.	6.3	17
10	Modelling SARSâ€CoVâ€2 disease progression in Australia and New Zealand: an account of an agentâ€based approach to support public health decisionâ€making. Australian and New Zealand Journal of Public Health, 2022, 46, 292-303.	0.8	13
11	The impact of the COVID-19 pandemic on air pollution: A global assessment using machine learning techniques. Atmospheric Pollution Research, 2022, 13, 101438.	1.8	12
12	Learning to walk: Modeling transportation mode choice distribution through neural networks. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 186-199.	1.0	10
13	The Monash Simple Climate Model experiments (MSCM-DB v1.0): an interactive database of mean climate, climate change, and scenario simulations. Geoscientific Model Development, 2019, 12, 2155-2179.	1.3	6
14	Unsupervised Deep Learning to Explore Streetscape Factors Associated with Urban Cyclist Safety. Smart Innovation, Systems and Technologies, 2019, , 155-164.	0.5	6
15	The â€œParis-Endâ€•of Town? Deriving Urban Typologies Using Three Imagery Types. Urban Science, 2020, 4, 27.	1.1	5
16	Self-Supervision. Remote Sensing and Abstraction: Representation Learning Across 3 Million Locations. , 2021, , .		5
17	Irrigating urban green space for cooling benefits: the mechanisms and management considerations. , 2022, 1, 015001.		3
18	Developing urban biking typologies: Quantifying the complex interactions of bicycle ridership, bicycle network and built environment characteristics. Environment and Planning B: Urban Analytics and City Science, 2023, 50, 7-23.	1.0	3

#	Article	IF	Citations
19	Opportunities to reduce road traffic injury: new insights from the study of urban areas. International Journal of Injury Control and Safety Promotion, 2020, 27, 20-26.	1.0	1