

Kerry Nice

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

373
citations

840585

11
h-index

839398

18
g-index

29
all docs

29
docs citations

29
times ranked

408
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing urban biking typologies: Quantifying the complex interactions of bicycle ridership, bicycle network and built environment characteristics. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2023, 50, 7-23.	1.0	3
2	Modelling SARS-CoV-2 disease progression in Australia and New Zealand: an agent-based approach to support public health decision-making. <i>Australian and New Zealand Journal of Public Health</i> , 2022, 46, 292-303.	0.8	13
3	The impact of the COVID-19 pandemic on air pollution: A global assessment using machine learning techniques. <i>Atmospheric Pollution Research</i> , 2022, 13, 101438.	1.8	12
4	Irrigating urban green space for cooling benefits: the mechanisms and management considerations. , 2022, 1, 015001.		3
5	Identifying safe intersection design through unsupervised feature extraction from satellite imagery. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2021, 36, 346-361.	6.3	17
6	Learning to walk: Modeling transportation mode choice distribution through neural networks. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 186-199.	1.0	10
7	Estimating the cooling potential of irrigating green spaces in 100 global cities with arid, temperate or continental climates. <i>Sustainable Cities and Society</i> , 2021, 71, 102974.	5.1	19
8	Self-Supervision. Remote Sensing and Abstraction: Representation Learning Across 3 Million Locations. , 2021, , .		5
9	Real-time monitoring of driver drowsiness on mobile platforms using 3D neural networks. <i>Neural Computing and Applications</i> , 2020, 32, 9731-9743.	3.2	41
10	Opportunities to reduce road traffic injury: new insights from the study of urban areas. <i>International Journal of Injury Control and Safety Promotion</i> , 2020, 27, 20-26.	1.0	1
11	Sky pixel detection in outdoor imagery using an adaptive algorithm and machine learning. <i>Urban Climate</i> , 2020, 31, 100572.	2.4	17
12	The "Paris-End" of Town? Deriving Urban Typologies Using Three Imagery Types. <i>Urban Science</i> , 2020, 4, 27.	1.1	5
13	A global analysis of urban design types and road transport injury: an image processing study. <i>Lancet Planetary Health</i> , The, 2020, 4, e32-e42.	5.1	32
14	An urban ecohydrological model to quantify the effect of vegetation on urban climate and hydrology (UT&C v1.0). <i>Geoscientific Model Development</i> , 2020, 13, 335-362.	1.3	79
15	The Monash Simple Climate Model experiments (MSCM-DB v1.0): an interactive database of mean climate, climate change, and scenario simulations. <i>Geoscientific Model Development</i> , 2019, 12, 2155-2179.	1.3	6
16	Streetscape augmentation using generative adversarial networks: Insights related to health and wellbeing. <i>Sustainable Cities and Society</i> , 2019, 49, 101602.	5.1	22
17	The Air-temperature Response to Green/blue-infrastructure Evaluation Tool (TARGET v1.0): an efficient and user-friendly model of city cooling. <i>Geoscientific Model Development</i> , 2019, 12, 785-803.	1.3	26
18	Unsupervised Deep Learning to Explore Streetscape Factors Associated with Urban Cyclist Safety. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 155-164.	0.5	6

#	ARTICLE	IF	CITATIONS
19	Development of the VTUF-3D v1.0 urban micro-climate model to support assessment of urban vegetation influences on human thermal comfort. <i>Urban Climate</i> , 2018, 24, 1052-1076.	2.4	50