Rui Cao

List of Publications by Year
in descending order

19 papers	733 citations	758635 12 h-index	887659 17 g-index
19 all docs	19 docs citations	19 times ranked	715 citing authors

#	Article	IF	Citations
1	Spatial variations in urban public ridership derived from GPS trajectories and smart card data. Journal of Transport Geography, 2018, 69, 45-57.	2.3	146
2	Impacts of weather on public transport ridership: Results from mining data from different sources. Transportation Research Part C: Emerging Technologies, 2017, 75, 17-29.	3.9	135
3	Deep learning-based remote and social sensing data fusion for urban region function recognition. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 163, 82-97.	4.9	105
4	Integrating Aerial and Street View Images for Urban Land Use Classification. Remote Sensing, 2018, 10, 1553.	1.8	97
5	Enhancing remote sensing image retrieval using a triplet deep metric learning network. International Journal of Remote Sensing, 2020, 41, 740-751.	1.3	63
6	Resolving urban mobility networks from individual travel graphs using massive-scale mobile phone tracking data. Cities, 2021, 110, 103077.	2.7	30
7	MiniNet: An extremely lightweight convolutional neural network for real-time unsupervised monocular depth estimation. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 166, 255-267.	4.9	27
8	Automatic Tunnel Crack Inspection Using an Efficient Mobile Imaging Module and a Lightweight CNN. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15190-15203.	4.7	23
9	Coupling graph deep learning and spatial-temporal influence of built environment for short-term bus travel demand prediction. Computers, Environment and Urban Systems, 2022, 94, 101776.	3.3	19
10	Indoor Topological Localization Using a Visual Landmark Sequence. Remote Sensing, 2019, 11, 73.	1.8	15
11	3D map-guided single indoor image localization refinement. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 161, 13-26.	4.9	13
12	End-to-End Fovea Localisation in Colour Fundus Images With a Hierarchical Deep Regression Network. IEEE Transactions on Medical Imaging, 2021, 40, 116-128.	5.4	13
13	Relative geometry-aware siamese neural network for 6DOF camera relocalization. Neurocomputing, 2021, 426, 134-146.	3.5	13
14	A hierarchical approach for fine-grained urban villages recognition fusing remote and social sensing data. International Journal of Applied Earth Observation and Geoinformation, 2022, 106, 102661.	1.4	10
15	Improving synthetic 3D model-aided indoor image localization via domain adaptation. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 183, 66-78.	4.9	9
16	Urban Land Use Classification Based on Aerial and Ground Images. , 2018, , .		6
17	A contextual conditional random field network for monocular depth estimation. Image and Vision Computing, 2020, 98, 103922.	2.7	5
18	COMPARISON OF URBAN HUMAN MOVEMENTS INFERRING FROM MULTI-SOURCE SPATIAL-TEMPORAL DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B2, 471-476.	0.2	2

#	Article	IF	Citations
19	Learning Spatial-Aware Cross-View Embeddings for Ground-to-Aerial Geolocalization. Lecture Notes in Computer Science, 2019, , 57-67.	1.0	2