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	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
2	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
3	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
4	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
5	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
6	Relative geometry-aware siamese neural network for 6DOF camera relocalization. Neurocomputing, 2021, 426, 134-146.	3.5	13
7	Resolving urban mobility networks from individual travel graphs using massive-scale mobile phone tracking data. Cities, 2021, 110, 103077.	2.7	30
8	Enhancing remote sensing image retrieval using a triplet deep metric learning network. International Journal of Remote Sensing, 2020, 41, 740-751.	1.3	63
9	A contextual conditional random field network for monocular depth estimation. Image and Vision Computing, 2020, 98, 103922.	2.7	5
10	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
11	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
12	3D map-guided single indoor image localization refinement. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 161, 13-26.	4.9	13
13	Indoor Topological Localization Using a Visual Landmark Sequence. Remote Sensing, 2019, 11, 73.	1.8	15
14	Learning Spatial-Aware Cross-View Embeddings for Ground-to-Aerial Geolocalization. Lecture Notes in Computer Science, 2019, , 57-67.	1.0	2
15	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
16	Integrating Aerial and Street View Images for Urban Land Use Classification. Remote Sensing, 2018, 10, 1553.	1.8	97
17	Urban Land Use Classification Based on Aerial and Ground Images. , 2018, , .		6
18	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

#	Article	IF	Citations
19	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