

Tuong T Vu

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

667
citations

686830

13
h-index

610482

24
g-index

41
all docs

41
docs citations

41
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-scale solution for building extraction from LiDAR and image data. International Journal of Applied Earth Observation and Geoinformation, 2009, 11, 281-289.	1.4	93
2	Recent ecological change in ancient lakes. Limnology and Oceanography, 2018, 63, 2277-2304.	1.6	68
3	Context-based mapping of damaged buildings from high-resolution optical satellite images. International Journal of Remote Sensing, 2010, 31, 3411-3425.	1.3	52
4	Automated progress monitoring system for linear infrastructure projects using satellite remote sensing. Automation in Construction, 2016, 68, 114-127.	4.8	43
5	Automated Vehicle Extraction and Speed Determination From QuickBird Satellite Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 75-82.	2.3	42
6	Toward an Optimal Algorithm for LiDAR Waveform Decomposition. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 482-486.	1.4	38
7	Detection and Animation of Damage using very High-Resolution Satellite Data following the 2003 Bam, Iran, Earthquake. Earthquake Spectra, 2005, 21, 319-327.	1.6	35
8	A landscape ecological perspective of the impacts of urbanization on urban green spaces in the Klang Valley. Applied Geography, 2017, 85, 89-100.	1.7	29
9	Synergistic application of geometric and radiometric features of LiDAR data for urban land cover mapping. Optics Express, 2015, 23, 13761.	1.7	28
10	Vehicle Extraction and Speed Detection from Digital Aerial Images. , 2008, , .		25
11	LIDAR-based change detection of buildings in dense urban areas. , 0, , .		23
12	Range determination for generating point clouds from airborne small footprint LiDAR waveforms. Optics Express, 2012, 20, 25935.	1.7	22
13	Land cover mapping of the Mekong Delta to support natural resource management with multi-temporal Sentinel-1A synthetic aperture radar imagery. Remote Sensing Applications: Society and Environment, 2020, 17, 100272.	0.8	20
14	Dual-scale approach for detection of tsunami-affected areas using optical satellite images. International Journal of Remote Sensing, 2007, 28, 2995-3011.	1.3	16
15	Characterizing Radiometric Attributes of Point Cloud Using a Normalized Reflective Factor Derived From Small Footprint LiDAR Waveform. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 740-749.	2.3	16
16	Historical and current distribution ranges and loss of mega-herbivores and carnivores of Asia. PeerJ, 2021, 9, e10738.	0.9	16
17	Multiscale remote sensing of urbanization in Ho Chi Minh city, Vietnam - A focused study of the south. Applied Geography, 2018, 92, 168-181.	1.7	14
18	Filtering Airborne Laser Scanner Data. Photogrammetric Engineering and Remote Sensing, 2004, 70, 1267-1274.	0.3	12

#	ARTICLE	IF	CITATIONS
19	Wavelet-based extraction of building features from airborne laser scanner data. Canadian Journal of Remote Sensing, 2003, 29, 783-791.	1.1	10
20	Satellite remote-sensing monitoring of a railway construction project. International Journal of Remote Sensing, 2018, 39, 1754-1769.	1.3	9
21	Context-based detection of post-disaster damaged buildings in urban areas from satellite images. , 2007, , .		8
22	Ushahidi and Sahana Eden Open-Source Platforms to Assist Disaster Relief: Geospatial Components and Capabilities. Lecture Notes in Geoinformation and Cartography, 2014, , 163-174.	0.5	7
23	Reconnaissance Technologies Used after the 2004 Niigata Ken Chuetsu, Japan, Earthquake. Earthquake Spectra, 2006, 22, 133-145.	1.6	5
24	Enhanced urban functional land use map with free and open-source data. International Journal of Digital Earth, 2021, 14, 1744-1757.	1.6	5
25	A parallel circuit approach for improving the speed and generalization properties of neural networks. , 2015, , .		4
26	Distributed and hierarchical object-based image analysis for damage assessment: a case study of 2008 Wenchuan earthquake, China. Geomatics, Natural Hazards and Risk, 2016, 7, 1962-1972.	2.0	3
27	An Empirical Study on Improving the Speed and Generalization of Neural Networks Using a Parallel Circuit Approach. International Journal of Parallel Programming, 2017, 45, 780-796.	1.1	3
28	DropCircuit : A Modular Regularizer for Parallel Circuit Networks. Neural Processing Letters, 2018, 47, 841-858.	2.0	3
29	Identifying priority air pollution management areas during the burning season in Nan Province, Northern Thailand. Environment, Development and Sustainability, 2021, 23, 5865-5884.	2.7	3
30	FOREST COVER MAPPING IN ISKANDAR MALAYSIA USING SATELLITE DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W1, 71-75.	0.2	3
31	RAPID DISASTER DAMAGE ESTIMATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXIX-B8, 65-69.	0.2	3
32	Building extraction from high-resolution satellite image for tsunami early damage estimation. Applied Geomatics, 2011, 3, 75-81.	1.2	2
33	Cloud computing providers for satellite image processing service: A comparative study. , 2015, , .		2
34	Building Structure Mapping on Level Terrains and Sea Surfaces in Vietnam. Remote Sensing, 2021, 13, 2439.	1.8	2
35	Improving Neural Network Generalization by Combining Parallel Circuits with Dropout. Lecture Notes in Computer Science, 2016, , 572-580.	1.0	2
36	Monitoring Long-Term Disaster Recovery “ Space and Ground Views. Remote Sensing and Digital Image Processing, 2016, , 427-445.	0.7	1

#	ARTICLE	IF	CITATIONS
37	Multilevel detection of damaged buildings from high-resolution optical satellite images. , 2006, 6412, 122.		0
38	Clustering method to extract buildings from airborne laser data. , 2007, , .		0
39	Extraction of Buildings from Airborne Laser Scanner Data and Aerial Photograph: A Wavelet-based Approach. Journal of the Japan Society of Photogrammetry and Remote Sensing, 2003, 42, 40-47.	0.0	0
40	Towards a Quick Damage Detection System Based on Grid Computing. Lecture Notes in Geoinformation and Cartography, 2010, , 155-169.	0.5	0
41	MULTI-MODAL REMOTE SENSING DATA FUSION FRAMEWORK. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W2, 85-89.	0.2	0