

Tuong T Vu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

477
citations

13
h-index

21
g-index

41
ext. papers

562
ext. citations

3
avg, IF

3.81
L-index

#	Paper	IF	Citations
39	Multi-scale solution for building extraction from LiDAR and image data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2009 , 11, 281-289	7.3	72
38	Context-based mapping of damaged buildings from high-resolution optical satellite images. <i>International Journal of Remote Sensing</i> , 2010 , 31, 3411-3425	3.1	49
37	Recent ecological change in ancient lakes. <i>Limnology and Oceanography</i> , 2018 , 63, 2277-2304	4.8	36
36	. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2012 , 9, 482-486	4.1	35
35	Automated Vehicle Extraction and Speed Determination From QuickBird Satellite Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2011 , 4, 75-82	4.7	33
34	Detection and Animation of Damage using very High-Resolution Satellite Data following the 2003 Bam, Iran, Earthquake. <i>Earthquake Spectra</i> , 2005 , 21, 319-327	3.4	27
33	Automated progress monitoring system for linear infrastructure projects using satellite remote sensing. <i>Automation in Construction</i> , 2016 , 68, 114-127	9.6	27
32	Synergistic application of geometric and radiometric features of LiDAR data for urban land cover mapping. <i>Optics Express</i> , 2015 , 23, 13761-75	3.3	26
31	Range determination for generating point clouds from airborne small footprint LiDAR waveforms. <i>Optics Express</i> , 2012 , 20, 25935-47	3.3	20
30	Vehicle Extraction and Speed Detection from Digital Aerial Images 2008 ,		19
29	A landscape ecological perspective of the impacts of urbanization on urban green spaces in the Klang Valley. <i>Applied Geography</i> , 2017 , 85, 89-100	4.4	17
28	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015 , 8, 740-749	4.7	14
27	Dual-scale approach for detection of tsunami-affected areas using optical satellite images. <i>International Journal of Remote Sensing</i> , 2007 , 28, 2995-3011	3.1	14
26	Multiscale remote sensing of urbanization in Ho Chi Minh city, Vietnam - A focused study of the south. <i>Applied Geography</i> , 2018 , 92, 168-181	4.4	10
25	Land cover mapping of the Mekong Delta to support natural resource management with multi-temporal Sentinel-1A synthetic aperture radar imagery. <i>Remote Sensing Applications: Society and Environment</i> , 2020 , 17, 100272	2.8	10
24	Filtering Airborne Laser Scanner Data. <i>Photogrammetric Engineering and Remote Sensing</i> , 2004 , 70, 1267-1274		9
23	Context-based detection of post-disaster damaged buildings in urban areas from satellite images 2007 ,		6

22	Wavelet-based extraction of building features from airborne laser scanner data. <i>Canadian Journal of Remote Sensing</i> , 2003 , 29, 783-791	1.8	6
21	LIDAR-based change detection of buildings in dense urban areas		6
20	Ushahidi and Sahana Eden Open-Source Platforms to Assist Disaster Relief: Geospatial Components and Capabilities. <i>Lecture Notes in Geoinformation and Cartography</i> , 2014 , 163-174	0.3	6
19	Satellite remote-sensing monitoring of a railway construction project. <i>International Journal of Remote Sensing</i> , 2018 , 39, 1754-1769	3.1	5
18	Reconnaissance Technologies Used after the 2004 Niigata Ken Chuetsu, Japan, Earthquake. <i>Earthquake Spectra</i> , 2006 , 22, 133-145	3.4	4
17	A parallel circuit approach for improving the speed and generalization properties of neural networks 2015 ,		3
16	FOREST COVER MAPPING IN ISKANDAR MALAYSIA USING SATELLITE DATA. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , XLII-4/W1, 71-75	2.5	3
15	RAPID DISASTER DAMAGE ESTIMATION. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , XXXIX-B8, 65-69	2.5	3
14	Historical and current distribution ranges and loss of mega-herbivores and carnivores of Asia. <i>PeerJ</i> , 2021 , 9, e10738	3.1	3
13	DropCircuit : A Modular Regularizer for Parallel Circuit Networks. <i>Neural Processing Letters</i> , 2018 , 47, 841-858	2.4	3
12	Distributed and hierarchical object-based image analysis for damage assessment: a case study of 2008 Wenchuan earthquake, China. <i>Geomatics, Natural Hazards and Risk</i> , 2016 , 7, 1962-1972	3.6	2
11	An Empirical Study on Improving the Speed and Generalization of Neural Networks Using a Parallel Circuit Approach. <i>International Journal of Parallel Programming</i> , 2017 , 45, 780-796	1.5	2
10	Building extraction from high-resolution satellite image for tsunami early damage estimation. <i>Applied Geomatics</i> , 2011 , 3, 75-81	2.2	2
9	Improving Neural Network Generalization by Combining Parallel Circuits with Dropout. <i>Lecture Notes in Computer Science</i> , 2016 , 572-580	0.9	2
8	2015 ,		1
7	Building Structure Mapping on Level Terrains and Sea Surfaces in Vietnam. <i>Remote Sensing</i> , 2021 , 13, 2439	5	1
6	Identifying priority air pollution management areas during the burning season in Nan Province, Northern Thailand. <i>Environment, Development and Sustainability</i> , 2021 , 23, 5865-5884	4.5	1
5	Monitoring Long-Term Disaster Recovery [Space and Ground Views. <i>Remote Sensing and Digital Image Processing</i> , 2016 , 427-445	0.2	0

- 4 Enhanced urban functional land use map with free and open-source data. *International Journal of Digital Earth*, 1-14 3.9 0
- 3 Multilevel detection of damaged buildings from high-resolution optical satellite images **2006**, 6412, 122
- 2 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 0.1
- 1 Towards a Quick Damage Detection System Based on Grid Computing. *Lecture Notes in Geoinformation and Cartography*, **2010**, 155-169 0.3