

# Tuong T Vu

## List of Publications by Year in Descending Order

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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	Building Structure Mapping on Level Terrains and Sea Surfaces in Vietnam. <i>Remote Sensing</i> , <b>2021</b> , 13, 2439	5	1
38	Identifying priority air pollution management areas during the burning season in Nan Province, Northern Thailand. <i>Environment, Development and Sustainability</i> , <b>2021</b> , 23, 5865-5884	4.5	1
37	Historical and current distribution ranges and loss of mega-herbivores and carnivores of Asia. <i>PeerJ</i> , <b>2021</b> , 9, e10738	3.1	3
36	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> , <b>2020</b> , 17, 100272	2.8	10
35	Multiscale remote sensing of urbanization in Ho Chi Minh city, Vietnam - A focused study of the south. <i>Applied Geography</i> , <b>2018</b> , 92, 168-181	4.4	10
34	Satellite remote-sensing monitoring of a railway construction project. <i>International Journal of Remote Sensing</i> , <b>2018</b> , 39, 1754-1769	3.1	5
33	Recent ecological change in ancient lakes. <i>Limnology and Oceanography</i> , <b>2018</b> , 63, 2277-2304	4.8	36
32	DropCircuit : A Modular Regularizer for Parallel Circuit Networks. <i>Neural Processing Letters</i> , <b>2018</b> , 47, 841-858	2.4	3
31	A landscape ecological perspective of the impacts of urbanization on urban green spaces in the Klang Valley. <i>Applied Geography</i> , <b>2017</b> , 85, 89-100	4.4	17
30	An Empirical Study on Improving the Speed and Generalization of Neural Networks Using a Parallel Circuit Approach. <i>International Journal of Parallel Programming</i> , <b>2017</b> , 45, 780-796	1.5	2
29	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> , <b>2016</b> , 7, 1962-1972	3.6	2
28	Improving Neural Network Generalization by Combining Parallel Circuits with Dropout. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 572-580	0.9	2
27	Monitoring Long-Term Disaster Recovery [Space and Ground Views. <i>Remote Sensing and Digital Image Processing</i> , <b>2016</b> , 427-445	0.2	0
26	Automated progress monitoring system for linear infrastructure projects using satellite remote sensing. <i>Automation in Construction</i> , <b>2016</b> , 68, 114-127	9.6	27
25	Synergistic application of geometric and radiometric features of LiDAR data for urban land cover mapping. <i>Optics Express</i> , <b>2015</b> , 23, 13761-75	3.3	26
24	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2015</b> , 8, 740-749	4.7	14
23	A parallel circuit approach for improving the speed and generalization properties of neural networks <b>2015</b> ,		3

22	<b>2015,</b>			1
21	Ushahidi and Sahana Eden Open-Source Platforms to Assist Disaster Relief: Geospatial Components and Capabilities. <i>Lecture Notes in Geoinformation and Cartography</i> , <b>2014</b> , 163-174	0.3		6
20	. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2012</b> , 9, 482-486	4.1		35
19	Range determination for generating point clouds from airborne small footprint LiDAR waveforms. <i>Optics Express</i> , <b>2012</b> , 20, 25935-47	3.3		20
18	Automated Vehicle Extraction and Speed Determination From QuickBird Satellite Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2011</b> , 4, 75-82	4.7		33
17	Building extraction from high-resolution satellite image for tsunami early damage estimation. <i>Applied Geomatics</i> , <b>2011</b> , 3, 75-81	2.2		2
16	Context-based mapping of damaged buildings from high-resolution optical satellite images. <i>International Journal of Remote Sensing</i> , <b>2010</b> , 31, 3411-3425	3.1		49
15	Towards a Quick Damage Detection System Based on Grid Computing. <i>Lecture Notes in Geoinformation and Cartography</i> , <b>2010</b> , 155-169	0.3		
14	Multi-scale solution for building extraction from LiDAR and image data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2009</b> , 11, 281-289	7.3		72
13	Vehicle Extraction and Speed Detection from Digital Aerial Images <b>2008</b> ,			19
12	Dual-scale approach for detection of tsunami-affected areas using optical satellite images. <i>International Journal of Remote Sensing</i> , <b>2007</b> , 28, 2995-3011	3.1		14
11	Context-based detection of post-disaster damaged buildings in urban areas from satellite images <b>2007</b> ,			6
10	Reconnaissance Technologies Used after the 2004 Niigata Ken Chuetsu, Japan, Earthquake. <i>Earthquake Spectra</i> , <b>2006</b> , 22, 133-145	3.4		4
9	Multilevel detection of damaged buildings from high-resolution optical satellite images <b>2006</b> , 6412, 122			
8	Detection and Animation of Damage using very High-Resolution Satellite Data following the 2003 Bam, Iran, Earthquake. <i>Earthquake Spectra</i> , <b>2005</b> , 21, 319-327	3.4		27
7	Filtering Airborne Laser Scanner Data. <i>Photogrammetric Engineering and Remote Sensing</i> , <b>2004</b> , 70, 1267-1274			9
6	Wavelet-based extraction of building features from airborne laser scanner data. <i>Canadian Journal of Remote Sensing</i> , <b>2003</b> , 29, 783-791	1.8		6
5	Extraction of Buildings from Airborne Laser Scanner Data and Aerial Photograph: A Wavelet-based Approach. <i>Journal of the Japan Society of Photogrammetry and Remote Sensing</i> , <b>2003</b> , 42, 40-47	0.1		

4	LIDAR-based change detection of buildings in dense urban areas		6
3	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
2	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
1	Enhanced urban functional land use map with free and open-source data. <i>International Journal of Digital Earth</i> ,1-14	3.9	0