

Junichi Susaki

List of Publications by Year in descending order

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42
papers

362
citations

933410

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15
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42
docs citations

42
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Slope Filtering of Airborne LiDAR Data in Urban Areas for Digital Terrain Model (DTM) Generation. Remote Sensing, 2012, 4, 1804-1819.	4.0	119
2	Urban-Area Extraction From Polarimetric SAR Images Using Polarization Orientation Angle. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 337-341.	3.1	45
3	A Satellite-Based Assessment of the Distribution and Biomass of Submerged Aquatic Vegetation in the Optically Shallow Basin of Lake Biwa. Remote Sensing, 2017, 9, 966.	4.0	29
4	Urban density mapping of global megacities from polarimetric SAR images. Remote Sensing of Environment, 2014, 155, 334-348.	11.0	27
5	Rice-Planted Area Mapping Using Small Sets of Multi-Temporal SAR Data. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 1507-1511.	3.1	19
6	Urban Density Estimation From Polarimetric SAR Images Based on a POA Correction Method. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 1418-1429.	4.9	19
7	Segmentation of Shadowed Buildings in Dense Urban Areas from Aerial Photographs. Remote Sensing, 2012, 4, 911-933.	4.0	16
8	Knowledge-Based Modeling of Buildings in Dense Urban Areas by Combining Airborne LiDAR Data and Aerial Images. Remote Sensing, 2013, 5, 5944-5968.	4.0	13
9	Automatic Assessment of Green Space Ratio in Urban Areas from Mobile Scanning Data. Remote Sensing, 2017, 9, 215.	4.0	13
10	A new approach to retrieve leaf normal distribution using terrestrial laser scanners. Journal of Forestry Research, 2016, 27, 631-638.	3.6	10
11	Calculation of Enclosure Index for Assessing Urban Landscapes Using Digital Surface Models. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4038-4045.	4.9	7
12	Region-based automatic mapping of tsunami-damaged buildings using multi-temporal aerial images. Natural Hazards, 2015, 76, 397-420.	3.4	7
13	SAR and optical data fusion for land use and cover change detection. , 2014, , .		5
14	Urban Area Extraction Using X-Band Fully Polarimetric SAR Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 2592-2601.	4.9	5
15	A 3-D Topographic-Relief-Related Monte Carlo Radiative Transfer Simulator for Forest Bidirectional Reflectance Estimation. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 964-968.	3.1	5
16	Automatic unsupervised change detection using multi-temporal polarimetric SAR data. , 2012, , .		4
17	Detection of Differential Settlement of Man-Made Structures Coupled with Urban Development by Using Persistent Scatterer Interferometry (PSI). Remote Sensing, 2018, 10, 1048.	4.0	4
18	Land cover classification using multi-temporal SAR data and optical data fusion with adaptive training sample selection. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
19	Generation of pseudo-fully polarimetric data from dual polarimetric data for land cover classification. , 2012, , .		3
20	Development of building segmentation algorithm for dense urban areas from aerial photograph. , 2012, , .		2
21	Estimation of green space ratio for assessing urban landscapes using digital surface models and images. , 2014, , .		2
22	Urban density estimation from polarimetric SAR images using polarization orientation angle. , 2012, , .		1
23	A micro-topography considered Monte Carlo ray-tracing solution for open forest BRDF estimation. , 2017, , .		1
24	Land Subsidence Monitoring by Integrating PSI and Geodetic Deformation Measurements. , 2018, , .		1
25	Detection of 3D Land Displacement After the Great East Japan Earthquake In 2011 From Multi-Temporal SAR Images And GPS Data. , 2019, , .		1
26	PSInSAR Analysis of X-Band SAR Images for Detecting Urban Ground Deformation in Japan. , 2021, , .		1
27	Automatic co-registration performance of fully polarimetric SAR images with texture relationship. , 2011, , .		0
28	Automatic 3D coordinate estimation of feature points for building modeling using stereo images. , 2012, , .		0
29	Modeling of buildings in dense urban areas from airborne LiDAR and aerial photograph. , 2012, , .		0
30	Automatic extraction of buildings damaged by tsunami following 2011 East Japan Earthquake using aerial images. , 2013, , .		0
31	Global urban mapping using building density from polarimetric SAR images with POA correction. , 2013, , .		0
32	Estimation of enclosure index in urban areas using airborne LiDAR. , 2013, , .		0
33	Development of method to automatically select passpoints for close range photogrammetry in dense urban areas. , 2013, , .		0
34	Automatic thresholding for land cover change detection in SAR images. , 2013, , .		0
35	Delineation and counting of buildings in aerial images. , 2014, , .		0
36	Comparison of urban areas extracted by using L-band and X-band fully polarimetric SAR images. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
37	Detection of gaps between land and building surface displacement by PSInSAR and SBAS analysis using L-band PALSAR data. , 2016, , .		0
38	Mangrove forest mapping using shortwave infrared reflectance and image subset techniques using proximity measure. , 2017, , .		0
39	Fusion of different frequency SAR images for DInSAR-based land subsidence monitoring. , 2017, , .		0
40	An Assessment of 3D Monte Carlo Simulator to Estimate Forest Bidirectional Reflectance Factor (BRF) with Slope Ground Condition. , 2018, , .		0
41	Estimating Dike Elevation from Multi-Temporal SAR Images for Efficient Dike Management. , 2019, , .		0
42	Estimation of terrestrial albedo via BRDF model considering terrain effect. Journal of the Japan Society of Photogrammetry and Remote Sensing, 2019, 58, 14-23.	0.0	0