KriÅ¡tof OÅ¡tir

List of Publications by Year
in descending order

42 papers	1,778 citations	516710 16 h-index	501196 28 g-index
48 all docs	48 docs citations	48 times ranked	2124 citing authors

#	Article	IF	Citations
1	Sky-View Factor as a Relief Visualization Technique. Remote Sensing, 2011, 3, 398-415.	4.0	390
2	Downscaling land surface temperature for urban heat island diurnal cycle analysis. Remote Sensing of Environment, 2012, 117, 114-124.	11.0	226
3	Vessel detection and classification from spaceborne optical images: A literature survey. Remote Sensing of Environment, 2018, 207, 1-26.	11.0	193
4	Repetitive interpolation: A robust algorithm for DTM generation from Aerial Laser Scanner Data in forested terrain. Remote Sensing of Environment, 2007, 108, 9-23.	11.0	171
5	Application of sky-view factor for the visualisation of historic landscape features in lidar-derived relief models. Antiquity, 2011, 85, 263-273.	1.0	152
6	Visualization of lidar-derived relief models for detection of archaeological features. Journal of Archaeological Science, 2012, 39, 3354-3360.	2.4	135
7	Monitoring the PotoÅ¡ka planina landslide (NW Slovenia) using UAV photogrammetry and tachymetric measurements. Landslides, 2017, 14, 395-406.	5.4	83
8	High-resolution Image Fusion. Photogrammetric Engineering and Remote Sensing, 2006, 72, 565-572.	0.6	62
9	Application of satellite remote sensing in natural hazard management: The Mount Mangart landslide case study. International Journal of Remote Sensing, 2003, 24, 3983-4002.	2.9	60
10	Solar radiation modelling. Computers and Geosciences, 2005, 31, 233-240.	4.2	49
11	Automatic Orthorectification of High-Resolution Optical Satellite Images Using Vector Roads. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 6035-6047.	6.3	31
12	Attractiveness of roads for illegal dumping with regard to regional differences in Slovenia. Acta Geographica Slovenica, 2012, 52, 431-451.	0.7	31
13	Investigating the impact of spatial and spectral resolution of satellite images on segmentation quality. Journal of Applied Remote Sensing, 2014, 8, 083696.	1.3	28
14	Detecting flooded areas with machine learning techniques: case study of the SelÅ¡ka Sora river flash flood in September 2007. Journal of Applied Remote Sensing, 2013, 7, 073564.	1.3	27
15	Extraction of Visible Boundaries for Cadastral Mapping Based on UAV Imagery. Remote Sensing, 2019, 11, 1510.	4.0	26
16	Automatic Geometric Processing for Very High Resolution Optical Satellite Data Based on Vector Roads and Orthophotos. Remote Sensing, 2016, 8, 343.	4.0	22
17	Past and present forest vegetation in NE Slovenia derived from old maps. Applied Vegetation Science, 1998, 1, 253-258.	1.9	13
18	Land Cover Mapping Using Landsat Satellite Image Classification in the Classical Karst - Kras Region. Acta Carsologica, 2012, 36, .	0.7	10

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19	Object-based image analysis of remote sensing data. Geodetski Vestnik, 2011, 55, 641-664.	0.4	9
20	Assessing the later prehistoric environmental archaeology and landscape development of the Cetina Valley, Croatia. Environmental Archaeology, 2006, 11, 171-186.	1.2	8
21	Application of In-Segment Multiple Sampling in Object-Based Classification. Remote Sensing, 2014, 6, 12138-12165.	4.0	6
22	Grassland Use Intensity Classification Using Intra-Annual Sentinel-1 and -2 Time Series and Environmental Variables. Remote Sensing, 2022, 14, 3387.	4.0	6
23	Objektno usmerjena analiza podatkov daljinskega zaznavanja. Geodetski Vestnik, 2011, 55, 665-688.	0.4	5
24	Automatic Near-Real-Time Image Processing Chain for Very High Resolution Optical Satellite Data. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W3, 669-676.	0.2	5
25	Topographic Correction Module at Storm (TC@Storm). International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W3, 721-728.	0.2	5
26	Towards Better Visualisation of Alpine Quaternary Landform Features on High-Resolution Digital Elevation Models. Remote Sensing, 2021, 13, 4211.	4.0	5
27	Modelling habitats in karst landscape by integrating remote sensing and topography data. Open Geosciences, 2018, 10, 137-156.	1.7	4
28	Change detection of urban areas - the Ljubljana, Slovenia case study. , 2011, , .		3
29	Fluvial gravel bar mapping with spectral signal mixture analysis. European Journal of Remote Sensing, 2021, 54, 31-46.	3.5	3
30	Urban Heat Island in the Ljubljana City. , 2016, , 323-344.		3
31	Application of MODIS products to analyze forest phenophases in relation to elevation and distance from sea. Journal of Applied Remote Sensing, 2014, 8, 083669.	1.3	1
32	Impact of spatial resolution on correlation between segmentation evaluation metrics and forest classification accuracy. , 2015, , .		0
33	Can segmentation evaluation metric be used as an indicator of land cover classification accuracy?. Journal of Applied Remote Sensing, 2016, 10, 045010.	1.3	0
34	Digital surface model and ortho-images generation from ikonos in-track stereo images. Geodetski Vestnik, 2010, 54, 417-432.	0.4	0
35	Application of data mining for determination of flooded areas â€“ SelÅ¡ka valley 2007 floods case study. Geodetski Vestnik, 2010, 54, 661-675.	0.4	0
36	Izdelava digitalnega modela povrÅ¡ja in ortopodob iz stereo posnetkov ikonos, zajetih v istem preletu. Geodetski Vestnik, 2010, 54, 433-449.	0.4	0

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37	Automatic coregistration of three-dimensional building models with image features. Geodetski Vestnik, 2012, 56, 041-056.	0.4	0
38	Effects of lossy jpeg2000 compression method on worldview-2 image classification. Geodetski Vestnik, 2012, 56, 275-289.	0.4	0
39	Usefulness of satellite and aerial remote sensing data for monitoring and mapping of surface waters. Geodetski Vestnik, 2012, 56, 786-801.	0.4	0
40	Overview of segmentation algorithms and software for optical remote sensing imagery. Geodetski Vestnik, 2015, 59, 709-722.	0.4	0
41	Delineation of vacant building land using orthophoto and lidar data object classification. Geodetski Vestnik, 2019, 63, 344-378.	0.4	0
42	Analiza vsebnosti spektralnega signala na posnetkih Sentinel-2 za kartiranje rek in obreÄnega prostora. GIS V Sloveniji, 0, , .	0.0	0