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	Grassland Use Intensity Classification Using Intra-Annual Sentinel-1 and -2 Time Series and Environmental Variables. Remote Sensing, 2022, 14, 3387.	4.0	6
2	Fluvial gravel bar mapping with spectral signal mixture analysis. European Journal of Remote Sensing, 2021, 54, 31-46.	3.5	3
3	Towards Better Visualisation of Alpine Quaternary Landform Features on High-Resolution Digital Elevation Models. Remote Sensing, 2021, 13, 4211.	4.0	5
4	Extraction of Visible Boundaries for Cadastral Mapping Based on UAV Imagery. Remote Sensing, 2019, 11, 1510.	4.0	26
5	Delineation of vacant building land using orthophoto and lidar data object classification. Geodetski Vestnik, 2019, 63, 344-378.	0.4	0
6	Vessel detection and classification from spaceborne optical images: A literature survey. Remote Sensing of Environment, 2018, 207, 1-26.	11.0	193
7	Modelling habitats in karst landscape by integrating remote sensing and topography data. Open Geosciences, 2018, 10, 137-156.	1.7	4
8	Monitoring the Potoška planina landslide (NW Slovenia) using UAV photogrammetry and tachymetric measurements. Landslides, 2017, 14, 395-406.	5.4	83
9	Automatic Geometric Processing for Very High Resolution Optical Satellite Data Based on Vector Roads and Orthophotos. Remote Sensing, 2016, 8, 343.	4.0	22
10	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
11	Urban Heat Island in the Ljubljana City. , 2016, , 323-344.		3
12	Impact of spatial resolution on correlation between segmentation evaluation metrics and forest classification accuracy. , 2015, , .		0
13	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
14	Overview of segmentation algorithms and software for optical remote sensing imagery. Geodetski Vestnik, 2015, 59, 709-722.	0.4	0
15	Application of In-Segment Multiple Sampling in Object-Based Classification. Remote Sensing, 2014, 6, 12138-12165.	4.0	6
16	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
17	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
18	Detecting flooded areas with machine learning techniques: case study of the Selška Sora river flash flood in September 2007. Journal of Applied Remote Sensing, 2013, 7, 073564.	1.3	27

#	Article	IF	Citations
19	Downscaling land surface temperature for urban heat island diurnal cycle analysis. Remote Sensing of Environment, 2012, 117, 114-124.	11.0	226
20	Visualization of lidar-derived relief models for detection of archaeological features. Journal of Archaeological Science, 2012, 39, 3354-3360.	2.4	135
21	Land Cover Mapping Using Landsat Satellite Image Classification in the Classical Karst - Kras Region. Acta Carsologica, 2012, 36, .	0.7	10
22	Attractiveness of roads for illegal dumping with regard to regional differences in Slovenia. Acta Geographica Slovenica, 2012, 52, 431-451.	0.7	31
23	Automatic coregistration of three-dimensional building models with image features. Geodetski Vestnik, 2012, 56, 041-056.	0.4	0
24	Effects of lossy jpeg2000 compression method on worldview-2 image classification. Geodetski Vestnik, 2012, 56, 275-289.	0.4	0
25	Usefulness of satellite and aerial remote sensing data for monitoring and mapping of surface waters. Geodetski Vestnik, 2012, 56, 786-801.	0.4	0
26	Sky-View Factor as a Relief Visualization Technique. Remote Sensing, 2011, 3, 398-415.	4.0	390
27	Change detection of urban areas - the Ljubljana, Slovenia case study. , 2011, , .		3
28	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
29	Object-based image analysis of remote sensing data. Geodetski Vestnik, 2011, 55, 641-664.	0.4	9
30	Objektno usmerjena analiza podatkov daljinskega zaznavanja. Geodetski Vestnik, 2011, 55, 665-688.	0.4	5
31	Digital surface model and ortho-images generation from ikonos in-track stereo images. Geodetski Vestnik, 2010, 54, 417-432.	0.4	0
32	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
33	Izdelava digitalnega modela povrÅ¡ja in ortopodob iz stereo posnetkov ikonos, zajetih v istem preletu. Geodetski Vestnik, 2010, 54, 433-449.	0.4	0
34	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
35	Assessing the later prehistoric environmental archaeology and landscape development of the Cetina Valley, Croatia. Environmental Archaeology, 2006, 11, 171-186.	1.2	8
36	High-resolution Image Fusion. Photogrammetric Engineering and Remote Sensing, 2006, 72, 565-572.	0.6	62

#	ARTICLE	IF	CITATIONS
37	Solar radiation modelling. Computers and Geosciences, 2005, 31, 233-240.	4.2	49
38	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
39	Past and present forest vegetation in NE Slovenia derived from old maps. Applied Vegetation Science, 1998, 1, 253-258.	1.9	13
40	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
41	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
42	Analiza vsebnosti spektralnega signala na posnetkih Sentinel-2 za kartiranje rek in obrežnega prostora. GIS V Sloveniji, 0, , .	0.0	0