

Ismail Colkesen

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,990
citations

567281

15
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

2010
citing authors

#	ARTICLE	IF	CITATIONS
1	Landslide susceptibility mapping using GIS-based multi-criteria decision analysis, support vector machines, and logistic regression. <i>Landslides</i> , 2014, 11, 425-439.	5.4	486
2	A kernel functions analysis for support vector machines for land cover classification. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2009, 11, 352-359.	2.8	477
3	Selecting optimal conditioning factors in shallow translational landslide susceptibility mapping using genetic algorithm. <i>Engineering Geology</i> , 2015, 192, 101-112.	6.3	145
4	Susceptibility mapping of shallow landslides using kernel-based Gaussian process, support vector machines and logistic regression. <i>Journal of African Earth Sciences</i> , 2016, 118, 53-64.	2.0	136
5	An assessment of multivariate and bivariate approaches in landslide susceptibility mapping: a case study of Duzkoy district. <i>Natural Hazards</i> , 2015, 76, 471-496.	3.4	118
6	A comparative assessment of canonical correlation forest, random forest, rotation forest and logistic regression methods for landslide susceptibility mapping. <i>Geocarto International</i> , 2020, 35, 341-363.	3.5	94
7	Machine Learning Techniques in Landslide Susceptibility Mapping: A Survey and a Case Study. <i>Advances in Natural and Technological Hazards Research</i> , 2019, , 283-301.	1.1	75
8	Object-based classification with rotation forest ensemble learning algorithm using very-high-resolution WorldView-2 image. <i>Remote Sensing Letters</i> , 2015, 6, 834-843.	1.4	55
9	An assessment of the effectiveness of a rotation forest ensemble for land-use and land-cover mapping. <i>International Journal of Remote Sensing</i> , 2013, 34, 4224-4241.	2.9	54
10	Performance analysis of advanced decision tree-based ensemble learning algorithms for landslide susceptibility mapping. <i>Geocarto International</i> , 2021, 36, 1253-1275.	3.5	51
11	Monitoring the changing position of coastlines using aerial and satellite image data: an example from the eastern coast of Trabzon, Turkey. <i>Environmental Monitoring and Assessment</i> , 2009, 153, 391-403.	2.7	50
12	Developing comprehensive geocomputation tools for landslide susceptibility mapping: LSM tool pack. <i>Computers and Geosciences</i> , 2020, 144, 104592.	4.2	45
13	Ensemble-based canonical correlation forest (CCF) for land use and land cover classification using sentinel-2 and Landsat OLI imagery. <i>Remote Sensing Letters</i> , 2017, 8, 1082-1091.	1.4	41
14	The use of logistic model tree (LMT) for pixel- and object-based classifications using high-resolution WorldView-2 imagery. <i>Geocarto International</i> , 2017, 32, 71-86.	3.5	35
15	Dimensionality Reduction and Classification of Hyperspectral Images Using Object-Based Image Analysis. <i>Journal of the Indian Society of Remote Sensing</i> , 2018, 46, 1297-1306.	2.4	19
16	Implementing a mass valuation application on interoperable land valuation data model designed as an extension of the national GDI. <i>Survey Review</i> , 2021, 53, 349-365.	1.2	18
17	Classification of poplar trees with object-based ensemble learning algorithms using Sentinel-2A imagery. <i>Journal of Geodetic Science</i> , 2020, 10, 14-22.	1.0	15
18	The Use of Object-Based Image Analysis for Monitoring 2021 Marine Mucilage Bloom in the Sea of Marmara. <i>International Journal of Environment and Geoinformatics</i> , 2021, 8, 529-536.	0.8	14

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19	Daily monitoring of marine mucilage using the MODIS products: a case study of 2021 mucilage bloom in the Sea of Marmara, Turkey. Environmental Monitoring and Assessment, 2022, 194, 170.	2.7	14
20	Pixel- and Object-Based ensemble learning for forest burn severity using USGS FIREMON and Mediterranean condition dNBRs in Aegean ecosystem (Turkey). Advances in Space Research, 2022, 69, 3609-3632.	2.6	11
21	Selection of Optimal Object Features in Object-Based Image Analysis Using Filter-Based Algorithms. Journal of the Indian Society of Remote Sensing, 2018, 46, 1233-1242.	2.4	10
22	A comparative evaluation of state-of-the-art ensemble learning algorithms for land cover classification using WorldView-2, Sentinel-2 and ROSIS imagery. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	8
23	Data filtering with support vector machines in geometric camera calibration. Optics Express, 2010, 18, 1927.	3.4	6
24	Comparative Evaluation of Decision-Forest Algorithms in Object-Based Land Use and Land Cover Mapping. , 2019, , 499-517.		5
25	Marmara Denizindeki MÄ¼silaj OlayÄ±nÄ±n Uzaktan AlgÄ±lama Teknolojileri ile Tespiti ve Ä°zlenmesi. , 2021, , 199-224.		3
26	Performance Analysis of Advanced Decision Forest Algorithms in Hyperspectral Image Classification. Photogrammetric Engineering and Remote Sensing, 2020, 86, 571-580.	0.6	3
27	Performance evaluation of rotation forest for svm-based recursive feature elimination using hyperspectral imagery. , 2016, , .		2