

Ugur Avdan

List of Publications by Year in descending order

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38
papers

1,318
citations

430754

18
h-index

377752

34
g-index

39
all docs

39
docs citations

39
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	Algorithm for Automated Mapping of Land Surface Temperature Using LANDSAT 8 Satellite Data. Journal of Sensors, 2016, 2016, 1-8.	0.6	372
2	Object-based water body extraction model using Sentinel-2 satellite imagery. European Journal of Remote Sensing, 2017, 50, 137-143.	1.7	157
3	Application of Open Source Coding Technologies in the Production of Land Surface Temperature (LST) Maps from Landsat: A PyQGIS Plugin. Remote Sensing, 2016, 8, 413.	1.8	89
4	Estimating tree heights with images from an unmanned aerial vehicle. Geomatics, Natural Hazards and Risk, 2017, 8, 1144-1156.	2.0	76
5	Tree extraction from multi-scale UAV images using Mask R-CNN with FPN. Remote Sensing Letters, 2020, 11, 847-856.	0.6	59
6	Monthly Analysis of Wetlands Dynamics Using Remote Sensing Data. ISPRS International Journal of Geo-Information, 2018, 7, 411.	1.4	55
7	Urban Heat Island Analysis Using the Landsat 8 Satellite Data: A Case Study in Skopje, Macedonia. Proceedings (mdpi), 2018, 2, .	0.2	48
8	Evaluating the utilization of the red edge and radar bands from sentinel sensors for wetland classification. Catena, 2019, 178, 109-119.	2.2	45
9	Mapping of shallow landslides with object-based image analysis from unmanned aerial vehicle data. Engineering Geology, 2019, 260, 105264.	2.9	42
10	Monitoring the Water Quality of Small Water Bodies Using High-Resolution Remote Sensing Data. ISPRS International Journal of Geo-Information, 2019, 8, 553.	1.4	42
11	Inversion of Land Surface Temperature (LST) Using Terra ASTER Data: A Comparison of Three Algorithms. Remote Sensing, 2016, 8, 993.	1.8	38
12	Accuracy of Unmanned Aerial Systems Photogrammetry and Structure from Motion in Surveying and Mapping: A Review. Journal of the Indian Society of Remote Sensing, 2021, 49, 1997-2017.	1.2	32
13	Determining the main strand of the EskiÅŸehir strike-slip fault zone using subsidiary structures and seismicity: a hypothesis tested by seismic reflection studies. Turkish Journal of Earth Sciences, 2015, 24, 1-20.	0.4	31
14	Address standardization using the natural language process for improving geocoding results. Computers, Environment and Urban Systems, 2018, 70, 1-8.	3.3	28
15	Mapping and Monitoring Wetland Dynamics Using Thermal, Optical, and SAR Remote Sensing Data. , 0, , .		25
16	Extracting urban impervious surfaces from Sentinel-2 and Landsat-8 satellite data for urban planning and environmental management. Environmental Science and Pollution Research, 2021, 28, 6572-6586.	2.7	23
17	Spaceborne Nitrogen Dioxide Observations from the Sentinel-5P TROPOMI over Turkey. Proceedings (mdpi), 2019, 18, .	0.2	22
18	Assessment of human-induced environmental disaster in the Aral Sea using Landsat satellite images. Environmental Earth Sciences, 2020, 79, 1.	1.3	22

#	ARTICLE	IF	CITATIONS
19	Water extraction technique in mountainous areas from satellite images. <i>Journal of Applied Remote Sensing</i> , 2017, 11, 1.	0.6	22
20	Comparison of Different U-Net Models for Building Extraction from High-Resolution Aerial Imagery. <i>International Journal of Environment and Geoinformatics</i> , 2020, 7, 221-227.	0.5	16
21	GIS-based wind farm suitability assessment using fuzzy AHP multi-criteria approach: the case of Herat, Afghanistan. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	11
22	Thermal map assessment under climate and land use changes; a case study for Uzundere Basin. <i>Environmental Science and Pollution Research</i> , 2018, 25, 940-951.	2.7	7
23	A missing-link in the tectonic configuration of the Almack Block along the North Anatolian Fault Zone (NW Turkey): Active faulting in the Bolu plain based on seismic reflection studies. <i>Geophysical Journal International</i> , 2015, 201, 1814-1833.	1.0	6
24	Comparative analysis of unsupervised classification methods for mapping burned forest areas. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	5
25	Using multiple linear regression to analyze changes in forest area: the case study of Akdeniz Region. <i>International Journal of Engineering and Geosciences</i> , 2022, 7, 247-263.	1.8	5
26	Evaluating Sentinel-2 Red-Edge Bands for Wetland Classification. <i>Proceedings (mdpi)</i> , 2019, 18, .	0.2	4
27	Optimization-based automated unsupervised classification method: A novel approach. <i>Expert Systems With Applications</i> , 2020, 160, 113735.	4.4	4
28	Uzaktan Alglama Verileri ile Uluslararası Suların İzlenmesi. <i>Resilience</i> , 2020, 4, 77-88.	0.7	4
29	Comparison of Remote Sensing Soil Electrical Conductivity from PlanetScope and Ground Measured Data in Wheat and Beet Yields. , 2021, 3, .		4
30	GIS-Based Water Budget Estimation of the Kizilirmak River Basin using GLDAS-2.1 Noah and CLSM Models and Remote Sensing Observations. <i>Journal of the Indian Society of Remote Sensing</i> , 2022, 50, 1191-1209.	1.2	4
31	Geomorphology of the Mount Akdag landslide, Western Taurus range (SW Turkey). <i>Journal of Maps</i> , 2017, 13, 165-172.	1.0	3
32	Drought analysis of Van Lake Basin with remote sensing and GIS technologies. <i>Egyptian Journal of Remote Sensing and Space Science</i> , 2021, , .	1.1	3
33	Comparison of tree-based classification algorithms in mapping burned forest areas. <i>Geodetski Vestnik</i> , 2020, 64, 348-360.	0.2	2
34	Data-driven automatic labelling of land cover classes from remotely sensed images. <i>Earth Science Informatics</i> , 2022, 15, 1059-1071.	1.6	2
35	Evaluation of RapidEye-3 Satellite Data for Assessing Water Turbidity of Lake Borabey. <i>Proceedings (mdpi)</i> , 2019, 48, .	0.2	1
36	Optimization of Remote Sensing Image Attributes to Improve Classification Accuracy. <i>International Journal of Environment and Geoinformatics</i> , 2019, 6, 50-56.	0.5	1

#	ARTICLE	IF	CITATIONS
37	THERMAL REMOTE SENSING TECHNIQUES FOR STUDYING EARTHQUAKE ANOMALIES IN 2013 BALOCHISTAN EARTHQUAKES. Anadolu University Journal of Science and Technology: B Theoretical Sciences, 0, , .	0.8	1
38	Usage of Satellite Technology in Monitoring the Wetlands of Turkey, Tigris, and Euphrates Watershed. Coastal Research Library, 2021, , 183-197.	0.2	0