

# Ayse Filiz Sunar

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,279  
citations

567144

15  
h-index

580701

25  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1619  
citing authors

#	ARTICLE	IF	CITATIONS
1	Time series analysis of InSAR data: Methods and trends. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 115, 90-102.	4.9	276
2	Comparison of maximum likelihood classification method with supervised artificial neural network algorithms for land use activities. International Journal of Remote Sensing, 2004, 25, 1733-1748.	1.3	175
3	Remote sensing of urban areas. International Journal of Remote Sensing, 2005, 26, 655-659.	1.3	128
4	Search for signs of ancient life on Mars: expectations from hydromagnesite microbialites, Salda Lake, Turkey. Journal of the Geological Society, 1999, 156, 869-888.	0.9	82
5	Analysis of urban growth using multi-temporal satellite data in Istanbul, Turkey. International Journal of Remote Sensing, 2005, 26, 797-810.	1.3	76
6	Forest fire analysis with remote sensing data. International Journal of Remote Sensing, 2001, 22, 2265-2277.	1.3	75
7	Evaluation of forest fire risk in the Mediterranean Turkish forests: A case study of Menderes region, Izmir. International Journal of Disaster Risk Reduction, 2020, 45, 101479.	1.8	60
8	The Comparison of Activation Functions for Multispectral Landsat TM Image Classification. Photogrammetric Engineering and Remote Sensing, 2003, 69, 1225-1234.	0.3	52
9	An analysis of changes in a multi-date data set: A case study in the Ikitelli area, Istanbul, Turkey. International Journal of Remote Sensing, 1998, 19, 225-235.	1.3	49
10	A comparative data-fusion analysis of multi-sensor satellite images. International Journal of Digital Earth, 2014, 7, 671-687.	1.6	37
11	Urban change analysis and future growth of Istanbul. Environmental Monitoring and Assessment, 2015, 187, 506.	1.3	35
12	BENCHMARK OF MACHINE LEARNING METHODS FOR CLASSIFICATION OF A SENTINEL-2 IMAGE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B7, 335-340.	0.2	22
13	Evaluation of image fusion methods using PALSAR, RADARSAT-1 and SPOT images for land use/ land cover classification. Journal of the Indian Society of Remote Sensing, 2017, 45, 591-601.	1.2	21
14	THE ARTIFICIAL BEE COLONY ALGORITHM IN TRAINING ARTIFICIAL NEURAL NETWORK FOR OIL SPILL DETECTION. Neural Network World, 2011, 21, 473-492.	0.5	21
15	Comparison of support vector machine and object based classification methods for coastline detection. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W2, 125-127.	0.2	21
16	Cover Merging multiresolution SPOT P and Landsat TM data: The effects and advantages. International Journal of Remote Sensing, 1998, 19, 219-224.	1.3	19
17	Monitoring coastal erosion at the Black Sea coasts in Turkey using satellite data: A case study at the Lake Terkos, north-west Istanbul. International Journal of Remote Sensing, 2002, 23, 4115-4124.	1.3	17
18	SOIL SALINITY MAPPING USING MULTITEMPORAL LANDSAT DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B7, 3-9.	0.2	12

#	ARTICLE	IF	CITATIONS
19	The importance of ground-truth and crowdsourcing data for the statistical and spatial analyses of the NASA FIRMS active fires in the Mediterranean Turkish forests. <i>Remote Sensing Applications: Society and Environment</i> , 2020, 19, 100327.	0.8	10
20	Comparing feature extraction techniques for urban land use classification. <i>International Journal of Remote Sensing</i> , 2005, 26, 747-757.	1.3	9
21	The use of satellite image maps for urban planning in Turkey. <i>International Journal of Remote Sensing</i> , 2005, 26, 775-784.	1.3	9
22	Integration of remote sensing and GIS for archaeological investigations. <i>International Journal of Remote Sensing</i> , 2009, 30, 1663-1673.	1.3	9
23	AN ALGORITHM FOR COASTLINE DETECTION USING SAR IMAGES. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XXXIX-B3, 457-460.	0.2	9
24	Technical note An assessment of the geometric accuracy of remotely-sensed images. <i>International Journal of Remote Sensing</i> , 1997, 18, 3069-3074.	1.3	8
25	The use of optic and radar satellite data for coastal environments. <i>International Journal of Remote Sensing</i> , 2006, 27, 3739-3747.	1.3	7
26	Fusion of terrasars-x and rapideye data: a quality analysis. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-7/W2, 27-30.	0.2	7
27	Monitoring Loggerhead Sea Turtle ( <i>Caretta caretta</i> ) Nests in Turkey Using GIS. <i>Coastal Management</i> , 2000, 28, 123-132.	1.0	6
28	Spatial pattern analysis of post-fire damages in the Menderes District of Turkey. <i>Frontiers of Earth Science</i> , 2020, 14, 446-461.	0.9	6
29	Process-based image analysis for agricultural mapping: A case study in Turkgeldi region, Turkey. <i>Advances in Space Research</i> , 2015, 56, 1635-1644.	1.2	5
30	Remote Sensing of Urban Land Use Change in Developing Countries: An Example from B�y�k�sekmece, Istanbul, Turkey. <i>Remote Sensing and Digital Image Processing</i> , 2010, , 289-312.	0.7	5
31	PRELIMINARY RESULTS OF EARTHQUAKE-INDUCED BUILDING DAMAGE DETECTION WITH OBJECT-BASED IMAGE CLASSIFICATION. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLI-B7, 347-350.	0.2	4
32	TESTING THE GENERALIZATION EFFICIENCY OF OIL SLICK CLASSIFICATION ALGORITHM USING MULTIPLE SAR DATA FOR DEEPWATER HORIZON OIL SPILL. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XXXIX-B7, 67-72.	0.2	4
33	Monitoring vegetation biomass of a coastal ecosystem using multirate optical satellite data. , 1999, , .		2
34	AUTOMATIC CALCULATION OF OIL SLICK AREA FROM MULTIPLE SAR ACQUISITIONS FOR DEEPWATER HORIZON OIL SPILL. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XXXIX-B7, 63-66.	0.2	1
35	Spatially Supported Disaster Management: Introduction to the Special Issue "GI for Disaster Management". <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 314.	1.4	0
36	Comparison Of Semi-Automatic And Automatic Slick Detection Algorithms For Jiyeh Power Station Oil Spill, Lebanon. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-7/W2, 189-193.	0.2	0

#	ARTICLE	IF	CITATIONS
37	The Importance Of Itu-Cscrs For Natural Disaster Monitoring: A Case Study â€“ Flooding In The Maritsa River. NATO Science for Peace and Security Series C: Environmental Security, 2008, , 83-89.	0.1	0