Bulent Ayhan

List of Publications by Year
in descending order

16 papers	1,055 citations	933447 10 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	1107 citing authors

#	Article	IF	Citations
1	High-Performance Remote Radioactive Material Identification of Mixtures. IEEE Transactions on Nuclear Science, 2022, 69, 86-97.	2.0	1
2	New Results on Radioactive Mixture Identification and Relative Count Contribution Estimation. Sensors, 2021, 21, 4155.	3.8	1
3	Comparing Video Activity Classifiers within a Novel Framework. Electronics (Switzerland), 2020, 9, 1545.	3.1	2
4	An Accurate Vegetation and Non-Vegetation Differentiation Approach Based on Land Cover Classification. Remote Sensing, 2020, 12, 3880.	4.0	32
5	Vegetation Detection Using Deep Learning and Conventional Methods. Remote Sensing, 2020, 12, 2502.	4.0	52
6	Video Activity Recognition With Varying Rhythms. IEEE Access, 2020, 8, 191997-192008.	4.2	8
7	Improving Land Cover Classification Using Extended Multi-Attribute Profiles (EMAP) Enhanced Color, Near Infrared, and LiDAR Data. Remote Sensing, 2020, 12, 1392.	4.0	23
8	Deep Learning for Land Cover Classification Using Only a Few Bands. Remote Sensing, 2020, 12, 2000.	4.0	44
9	Tree, Shrub, and Grass Classification Using Only RGB Images. Remote Sensing, 2020, 12, 1333.	4.0	53
10	Preflight Contingency Planning Approach for Fixed Wing UAVs with Engine Failure in the Presence of Winds. Sensors, 2019, 19, 227.	3.8	9
11	Performance of Change Detection Algorithms Using Heterogeneous Images and Extended Multi-attribute Profiles (EMAPs). Remote Sensing, 2019, 11, 2377.	4.0	27
12	Semi-Automated Emergency Landing Site Selection Approach for UAVs. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 1892-1906.	4.7	22
13	Application of Deep Belief Network to Land Cover Classification Using Hyperspectral Images. Lecture Notes in Computer Science, 2017, , 269-276.	1.3	13
14	A Novel Cluster Kernel RX Algorithm for Anomaly and Change Detection Using Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6497-6504.	6.3	181
15	Active health monitoring of an aircraft wing with embedded piezoelectric sensor/actuator network: I. Defect detection, localization and growth monitoring. Smart Materials and Structures, 2007, 16, 1208-1217.	3.5	580
16	Application of Support Vector Machines to Vapor Detection and Classification for Environmental Monitoring of Spacecraft. Lecture Notes in Computer Science, 2006, , 1216-1222.	1.3	7