

Bulent Ayhan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8528417/publications.pdf>

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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	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
2	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
3	Tree, Shrub, and Grass Classification Using Only RGB Images. Remote Sensing, 2020, 12, 1333.	4.0	53
4	Vegetation Detection Using Deep Learning and Conventional Methods. Remote Sensing, 2020, 12, 2502.	4.0	52
5	Deep Learning for Land Cover Classification Using Only a Few Bands. Remote Sensing, 2020, 12, 2000.	4.0	44
6	An Accurate Vegetation and Non-Vegetation Differentiation Approach Based on Land Cover Classification. Remote Sensing, 2020, 12, 3880.	4.0	32
7	Performance of Change Detection Algorithms Using Heterogeneous Images and Extended Multi-attribute Profiles (EMAPs). Remote Sensing, 2019, 11, 2377.	4.0	27
8	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
9	Semi-Automated Emergency Landing Site Selection Approach for UAVs. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 1892-1906.	4.7	22
10	Application of Deep Belief Network to Land Cover Classification Using Hyperspectral Images. Lecture Notes in Computer Science, 2017, , 269-276.	1.3	13
11	Preflight Contingency Planning Approach for Fixed Wing UAVs with Engine Failure in the Presence of Winds. Sensors, 2019, 19, 227.	3.8	9
12	Video Activity Recognition With Varying Rhythms. IEEE Access, 2020, 8, 191997-192008.	4.2	8
13	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
14	Comparing Video Activity Classifiers within a Novel Framework. Electronics (Switzerland), 2020, 9, 1545.	3.1	2
15	New Results on Radioactive Mixture Identification and Relative Count Contribution Estimation. Sensors, 2021, 21, 4155.	3.8	1
16	High-Performance Remote Radioactive Material Identification of Mixtures. IEEE Transactions on Nuclear Science, 2022, 69, 86-97.	2.0	1