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List of Publications by Year
in descending order

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Version: 2024-02-01

31 papers	541 citations	623574 14 h-index	752573 20 g-index
31 all docs	31 docs citations	31 times ranked	658 citing authors

#	Article	IF	Citations
1	Terrace Vineyards Detection from UAV Imagery Using Machine Learning: A Preliminary Approach. Lecture Notes in Computer Science, 2021, , 16-26.	1.0	0
2	Monitoring of Chestnut Trees Using Machine Learning Techniques Applied to UAV-Based Multispectral Data. Remote Sensing, 2020, 12, 3032.	1.8	18
3	Digital Reconstitution of Road Traffic Accidents: A Flexible Methodology Relying on UAV Surveying and Complementary Strategies to Support Multiple Scenarios. International Journal of Environmental Research and Public Health, 2020, 17, 1868.	1.2	15
4	Individual Grapevine Analysis in a Multi-Temporal Context Using UAV-Based Multi-Sensor Imagery. Remote Sensing, 2020, 12, 139.	1.8	30
5	Effectiveness of Sentinel-2 in Multi-Temporal Post-Fire Monitoring When Compared with UAV Imagery. ISPRS International Journal of Geo-Information, 2020, 9, 225.	1.4	34
6	Estimation of Leaf Area Index in Chestnut Trees using Multispectral Data from an Unmanned Aerial Vehicle. , 2020, , .		1
7	Vineyard Variability Analysis through UAV-Based Vigour Maps to Assess Climate Change Impacts. Agronomy, 2019, 9, 581.	1.3	48
8	UAV-Based Automatic Detection and Monitoring of Chestnut Trees. Remote Sensing, 2019, 11, 855.	1.8	54
9	Classification of an Agrosilvopastoral System Using RGB Imagery from an Unmanned Aerial Vehicle. Lecture Notes in Computer Science, 2019, , 248-257.	1.0	3
10	Grapevine Varieties Classification Using Machine Learning. Lecture Notes in Computer Science, 2019, , 186-199.	1.0	0
11	Digital Ampelographer: A CNN Based Preliminary Approach. Lecture Notes in Computer Science, 2019, , 258-271.	1.0	6
12	Deep Learning-Based Methodological Approach for Vineyard Early Disease Detection Using Hyperspectral Data. , 2018, , .		7
13	UAS-based imagery and photogrammetric processing for tree height and crown diameter extraction. , 2018, , .		5
14	Multi-Temporal Analysis of Forestry and Coastal Environments Using UASs. Remote Sensing, 2018, 10, 24.	1.8	28
15	Vineyard properties extraction combining UAS-based RGB imagery with elevation data. International Journal of Remote Sensing, 2018, 39, 5377-5401.	1.3	30
16	A cost-effective instrumented walkway for measuring ground reaction forces in rats to assess gait pattern. Measurement: Journal of the International Measurement Confederation, 2017, 103, 241-249.	2.5	2
17	Very high resolution aerial data to support multi-temporal precision agriculture information management. Procedia Computer Science, 2017, 121, 407-414.	1.2	20
18	Open-Source Indoor Navigation System Adapted to Users with Motor Disabilities. Procedia Computer Science, 2015, 67, 38-47.	1.2	5

#	Article	IF	Citations
19	viStaMPS - The InSAR Collaborative Project. , 2015, , .		0
20	viStaMPS â€“ A Collaborative Project for StaMPS-MTI Results Interpretation. Procedia Technology, 2014, 16, 842-848.	1.1	3
21	Potential of Multi-temporal InSAR Techniques for Bridges and Dams Monitoring. Procedia Technology, 2014, 16, 834-841.	1.1	37
22	Traffic Sign Recognition for Autonomous Driving Robot. , 2014, , .		6
23	The viStaMPS tool for visualization and manipulation of time series interferometric results. Computers and Geosciences, 2013, 52, 409-421.	2.0	5
24	Measuring displacement fields by cross-correlation and a differential technique: experimental validation. Optical Engineering, 2012, 51, 043602.	0.5	26
25	Blind Navigation Support System based on Microsoft Kinect. Procedia Computer Science, 2012, 14, 94-101.	1.2	77
26	Crossâ€Correlation and Differential Technique Combination to Determine Displacement Fields. Strain, 2011, 47, 87-98.	1.4	33
27	Processing discontinuous displacement fields by a spatio-temporal derivative technique. Optics and Lasers in Engineering, 2011, 49, 1402-1412.	2.0	37
28	MULTI-PURPOSE CHESTNUT CLUSTERS DETECTION USING DEEP LEARNING: A PRELIMINARY APPROACH. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W8, 1-7.	0.2	3
29	POST-FIRE FORESTRY RECOVERY MONITORING USING HIGH-RESOLUTION MULTISPECTRAL IMAGERY FROM UNMANNED AERIAL VEHICLES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W8, 301-305.	0.2	6
30	USING VIRTUAL SCENARIOS TO PRODUCE MACHINE LEARNABLE ENVIRONMENTS FOR WILDFIRE DETECTION AND SEGMENTATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W8, 9-15.	0.2	2
31	IdentificaÃ§Ã£o autÃ³noma de sinais de transito num sistema de mapeamento mÃ³vel. , 0, , 684-704.		0