Telmo AdÃ£o

List of Publications by Year
in descending order

33 papers	1,494 citations	623574 14 h-index	580701 25 g-index
33 all docs	33 docs citations	33 times ranked	2035 citing authors

#	Article	IF	Citations
1	Hyperspectral Imaging: A Review on UAV-Based Sensors, Data Processing and Applications for Agriculture and Forestry. Remote Sensing, 2017, 9, 1110.	1.8	748
2	UAS, sensors, and data processing in agroforestry: a review towards practical applications. International Journal of Remote Sensing, 2017, 38, 2349-2391.	1.3	242
3	mySense: A comprehensive data management environment to improve precision agriculture practices. Computers and Electronics in Agriculture, 2019, 162, 882-894.	3.7	68
4	Multi-Temporal Vineyard Monitoring through UAV-Based RGB Imagery. Remote Sensing, 2018, 10, 1907.	1.8	54
5	UAV-Based Automatic Detection and Monitoring of Chestnut Trees. Remote Sensing, 2019, 11, 855.	1.8	54
6	Vineyard Variability Analysis through UAV-Based Vigour Maps to Assess Climate Change Impacts. Agronomy, 2019, 9, 581.	1.3	48
7	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
8	Vineyard properties extraction combining UAS-based RGB imagery with elevation data. International Journal of Remote Sensing, 2018, 39, 5377-5401.	1.3	30
9	Individual Grapevine Analysis in a Multi-Temporal Context Using UAV-Based Multi-Sensor Imagery. Remote Sensing, 2020, 12, 139.	1.8	30
10	Multi-Temporal Analysis of Forestry and Coastal Environments Using UASs. Remote Sensing, 2018, 10, 24.	1.8	28
11	HelpmePills: A Mobile Pill Recognition Tool for Elderly Persons. Procedia Technology, 2014, 16, 1523-1532.	1.1	26
12	Very high resolution aerial data to support multi-temporal precision agriculture information management. Procedia Computer Science, 2017, 121, 407-414.	1.2	20
13	MixAR Mobile Prototype: Visualizing Virtually Reconstructed Ancient Structures In Situ. Procedia Computer Science, 2015, 64, 852-861.	1.2	19
14	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
15	Proposal of an Information System for an Adaptive Mixed Reality System for Archaeological Sites. Procedia Technology, 2014, 16, 499-507.	1.1	9
16	Procedural Generation of Traversable Buildings Outlined by Arbitrary Convex Shapes. Procedia Technology, 2014, 16, 310-321.	1.1	8
17	Cost-effective and Lightweight Mobile Units for MixAR: A Comparative Trial among Different Setups. Procedia Computer Science, 2015, 64, 870-878.	1.2	7
18	Deep Learning-Based Methodological Approach for Vineyard Early Disease Detection Using Hyperspectral Data. , 2018, , .		7

#	Article	IF	Citations
19	Machine learning classification methods in hyperspectral data processing for agricultural applications. , 2018, , .		6
20	Procedural Modeling of Buildings Composed of Arbitrarily-Shaped Floor-Plans: Background, Progress, Contributions and Challenges of a Methodology Oriented to Cultural Heritage. Computers, 2019, 8, 38.	2.1	6
21	VisWebDrone: A Web Application for UAV Photogrammetry Based on Open-Source Software. ISPRS International Journal of Geo-Information, 2020, 9, 679.	1.4	6
22	UAS-based imagery and photogrammetric processing for tree height and crown diameter extraction. , 2018, , .		5
23	MixAR. Journal of Information Technology Research, 2019, 12, 1-33.	0.3	5
24	Towards Modern Cost-effective and Lightweight Augmented Reality Setups. International Journal of Web Portals, 2015, 7, 33-59.	1.1	5
25	A Myographic-based HCI Solution Proposal for Upper Limb Amputees. Procedia Computer Science, 2016, 100, 2-13.	1.2	4
26	Prototyping IoT-Based Virtual Environments: An Approach toward the Sustainable Remote Management of Distributed Mulsemedia Setups. Applied Sciences (Switzerland), 2021, 11, 8854.	1.3	3
27	Classification of an Agrosilvopastoral System Using RGB Imagery from an Unmanned Aerial Vehicle. Lecture Notes in Computer Science, 2019, , 248-257.	1.0	3
28	Proposal of an Information System for a Semi-automatic Virtual Reconstruction of Archeological Sites. Procedia Technology, 2012, 5, 566-574.	1.1	2
29	Mysense-Webgis: A Graphical Map Layering-Based Decision Support Tool for Agriculture. , 2020, , .		2
30	Virtual Environments & Precision Viticulture: A Case Study. , 2021, , .		0
31	Foundations for a Mobile Context-Aware Advertising System. Communications in Computer and Information Science, 2011, , 51-61.	0.4	0
32	Reconstructing the Past. Advances in Hospitality, Tourism and the Services Industry, 2018, , 140-172.	0.2	0
33	Towards Modern Cost-Effective and Lightweight Augmented Reality Setups. , 0, , 396-423.		0