

Osmar Luiz Carvalho

List of Publications by Year in descending order

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docs citations

17
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163
citing authors

#	ARTICLE	IF	CITATIONS
1	Rice Crop Detection Using LSTM, Bi-LSTM, and Machine Learning Models from Sentinel-1 Time Series. Remote Sensing, 2020, 12, 2655.	1.8	80
2	Instance Segmentation for Large, Multi-Channel Remote Sensing Imagery Using Mask-RCNN and a Mosaicking Approach. Remote Sensing, 2021, 13, 39.	1.8	45
3	Remote Sensing for Monitoring Photovoltaic Solar Plants in Brazil Using Deep Semantic Segmentation. Energies, 2021, 14, 2960.	1.6	34
4	Deep Semantic Segmentation of Center Pivot Irrigation Systems from Remotely Sensed Data. Remote Sensing, 2020, 12, 2159.	1.8	29
5	Performance Analysis of Deep Convolutional Autoencoders with Different Patch Sizes for Change Detection from Burnt Areas. Remote Sensing, 2020, 12, 2576.	1.8	23
6	Panoptic Segmentation Meets Remote Sensing. Remote Sensing, 2022, 14, 965.	1.8	19
7	Deep semantic segmentation for detecting eucalyptus planted forests in the Brazilian territory using sentinel-2 imagery. Geocarto International, 2022, 37, 6538-6550.	1.7	14
8	Bounding Box-Free Instance Segmentation Using Semi-Supervised Iterative Learning for Vehicle Detection. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3403-3420.	2.3	13
9	Dealing With Clouds and Seasonal Changes for Center Pivot Irrigation Systems Detection Using Instance Segmentation in Sentinel-2 Time Series. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8447-8457.	2.3	12
10	Deep-water oil-spill monitoring and recurrence analysis in the Brazilian territory using Sentinel-1 time series and deep learning. International Journal of Applied Earth Observation and Geoinformation, 2022, 107, 102695.	1.4	9
11	Instance segmentation of center pivot irrigation systems using multi-temporal SENTINEL-1 SAR images. Remote Sensing Applications: Society and Environment, 2021, 23, 100537.	0.8	7
12	Detection and classification of whiteflies and development stages on soybean leaves images using an improved deep learning strategy. Computers and Electronics in Agriculture, 2022, 199, 107132.	3.7	7
13	Instance Segmentation for Governmental Inspection of Small Touristic Infrastructure in Beach Zones Using Multispectral High-Resolution WorldView-3 Imagery. ISPRS International Journal of Geo-Information, 2021, 10, 813.	1.4	6
14	Irrigated rice crop identification in Southern Brazil using convolutional neural networks and Sentinel-1 time series. Remote Sensing Applications: Society and Environment, 2021, 24, 100627.	0.8	4
15	Prediction of secondary testosterone deficiency using machine learning: A comparative analysis of ensemble and base classifiers, probability calibration, and sampling strategies in a slightly imbalanced dataset. Informatics in Medicine Unlocked, 2021, 23, 100538.	1.9	3
16	Relationship between Land Property Security and Brazilian Amazon Deforestation in the Mato Grosso State during the Period 2013â€”2018. Sustainability, 2021, 13, 2085.	1.6	1
17	Nearest Neighbor Method to Estimate Urban Areas Using Modis Ndvi Time Series. , 2019, , .		0