

Edson Takashi Matsubara

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

730
citations

759055

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all docs

34
docs citations

34
times ranked

679
citing authors

#	ARTICLE	IF	CITATIONS
1	A convolutional neural network approach for counting and geolocating citrus-trees in UAV multispectral imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 160, 97-106.	4.9	132
2	A review on deep learning in UAV remote sensing. International Journal of Applied Earth Observation and Geoinformation, 2021, 102, 102456.	1.4	115
3	Assessment of CNN-Based Methods for Individual Tree Detection on Images Captured by RGB Cameras Attached to UAVs. Sensors, 2019, 19, 3595.	2.1	110
4	Predicting Canopy Nitrogen Content in Citrus-Trees Using Random Forest Algorithm Associated to Spectral Vegetation Indices from UAV-Imagery. Remote Sensing, 2019, 11, 2925.	1.8	80
5	Deep Learning Applied to Phenotyping of Biomass in Forages with UAV-Based RGB Imagery. Sensors, 2020, 20, 4802.	2.1	49
6	BERT for Stock Market Sentiment Analysis. , 2019, , .		45
7	Estimating Pasture Biomass and Canopy Height in Brazilian Savanna Using UAV Photogrammetry. Remote Sensing, 2019, 11, 2447.	1.8	30
8	Recognition of Pantaneira cattle breed using computer vision and convolutional neural networks. Computers and Electronics in Agriculture, 2020, 175, 105548.	3.7	25
9	Improvement of leaf nitrogen content inference in Valencia-orange trees applying spectral analysis algorithms in UAV mounted-sensor images. International Journal of Applied Earth Observation and Geoinformation, 2019, 83, 101907.	1.4	24
10	A Simple Lexicographic Ranker and Probability Estimator. Lecture Notes in Computer Science, 2007, , 575-582.	1.0	23
11	Benchmarking Anchor-Based and Anchor-Free State-of-the-Art Deep Learning Methods for Individual Tree Detection in RGB High-Resolution Images. Remote Sensing, 2021, 13, 2482.	1.8	18
12	Convolutional Neural Networks to Estimate Dry Matter Yield in a Guineagrass Breeding Program Using UAV Remote Sensing. Sensors, 2021, 21, 3971.	2.1	15
13	Mapping Utility Poles in Aerial Orthoimages Using ATSS Deep Learning Method. Sensors, 2020, 20, 6070.	2.1	14
14	Syntactic Pattern Recognition in Computer Vision. ACM Computing Surveys, 2022, 54, 1-35.	16.1	10
15	PolyWaTT: A polynomial water travel time estimator based on Derivative Dynamic Time Warping and Perceptually Important Points. Computers and Geosciences, 2018, 112, 54-63.	2.0	6
16	Counting and locating high-density objects using convolutional neural network. Expert Systems With Applications, 2022, 195, 116555.	4.4	5
17	Twitter breaking news detector in the 2018 Brazilian presidential election using word embeddings and convolutional neural networks. , 2019, , .		4
18	The Impact of Ground Control Point Quantity on Area and Volume Measurements with UAV SFM Photogrammetry Applied in Open Pit Mines. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
19	Asphalt Pothole Detection in UAV Images Using Convolutional Neural Networks. , 2019, , .		4
20	Machine Learning Applied to Uav Imagery in Precision Agriculture and Forest Monitoring in Brazilian Savanah. , 2019, , .		3
21	Retinanet Deep Learning-Based Approach to Detect Termite Mounds in Eucalyptus Forests. , 2021, , .		3
22	On the Class Distribution Labelling Step Sensitivity of CO-TRAINING. , 2006, , 199-208.		3
23	Improving Instance Selection via Metric Learning. , 2018, , .		2
24	Pasto Certo® version 2.0 - An application about Brazilian tropical forage cultivars for mobile and desktop devices. Tropical Grasslands - Forrajes Tropicales, 2020, 8, 162-166.	0.1	2
25	Smart Saint: An Active Semi-supervised Learning Internet Filter. , 2013, , .		1
26	Exploring Unclassified Texts Using Multiview Semisupervised Learning. , 2008, , 139-161.		1
27	Line-based deep learning method for tree branch detection from digital images. International Journal of Applied Earth Observation and Geoinformation, 2022, 110, 102759.	0.9	1
28	Deep Learning Regression Approaches Applied to Estimate Tillering in Tropical Forages Using Mobile Phone Images. Sensors, 2022, 22, 4116.	2.1	1
29	Learning a Fast Bipartite Ranker for Text Documents Using Lexicographical Rankers and ROC Curves. , 2017, , .		0
30	Recognizing and counting Dendrocephalus brasiliensis (Crustacea: Anostraca) cysts using deep learning. PLoS ONE, 2021, 16, e0248574.	1.1	0
31	An Experimental Evaluation of Sentiment Analysis on Financial News Using Prior Polarity Words. Lecture Notes in Computer Science, 2014, , 218-228.	1.0	0
32	Can Twitter Data Estimate Reality Show Outcomes?. Lecture Notes in Computer Science, 2020, , 466-482.	1.0	0
33	Acurácia de Produtos Fotogramétricos Gerados com Aeronave Remotamente Pilotada em Relevo Acidentado. Revista Brasileira De Cartografia, 2020, 72, 490-500.	0.1	0