

# Edson Takashi Matsubara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4536106/publications.pdf>

Version: 2024-02-01

33  
papers

730  
citations

759055

12  
h-index

839398

18  
g-index

34  
all docs

34  
docs citations

34  
times ranked

679  
citing authors

#	ARTICLE	IF	CITATIONS
1	Syntactic Pattern Recognition in Computer Vision. <i>ACM Computing Surveys</i> , 2022, 54, 1-35.	16.1	10
2	Counting and locating high-density objects using convolutional neural network. <i>Expert Systems With Applications</i> , 2022, 195, 116555.	4.4	5
3	Line-based deep learning method for tree branch detection from digital images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 110, 102759.	0.9	1
4	Deep Learning Regression Approaches Applied to Estimate Tilling in Tropical Forages Using Mobile Phone Images. <i>Sensors</i> , 2022, 22, 4116.	2.1	1
5	Recognizing and counting <i>Dendrocephalus brasiliensis</i> (Crustacea: Anostraca) cysts using deep learning. <i>PLoS ONE</i> , 2021, 16, e0248574.	1.1	0
6	Convolutional Neural Networks to Estimate Dry Matter Yield in a Guineagrass Breeding Program Using UAV Remote Sensing. <i>Sensors</i> , 2021, 21, 3971.	2.1	15
7	Benchmarking Anchor-Based and Anchor-Free State-of-the-Art Deep Learning Methods for Individual Tree Detection in RGB High-Resolution Images. <i>Remote Sensing</i> , 2021, 13, 2482.	1.8	18
8	A review on deep learning in UAV remote sensing. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 102, 102456.	1.4	115
9	Retinanet Deep Learning-Based Approach to Detect Termite Mounds in Eucalyptus Forests. , 2021, , .		3
10	A convolutional neural network approach for counting and geolocating citrus-trees in UAV multispectral imagery. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 160, 97-106.	4.9	132
11	Deep Learning Applied to Phenotyping of Biomass in Forages with UAV-Based RGB Imagery. <i>Sensors</i> , 2020, 20, 4802.	2.1	49
12	Mapping Utility Poles in Aerial Orthoimages Using ATSS Deep Learning Method. <i>Sensors</i> , 2020, 20, 6070.	2.1	14
13	Recognition of Pantaneira cattle breed using computer vision and convolutional neural networks. <i>Computers and Electronics in Agriculture</i> , 2020, 175, 105548.	3.7	25
14	Can Twitter Data Estimate Reality Show Outcomes?. <i>Lecture Notes in Computer Science</i> , 2020, , 466-482.	1.0	0
15	Pasto Certo® version 2.0 - An application about Brazilian tropical forage cultivars for mobile and desktop devices. <i>Tropical Grasslands - Forrajes Tropicales</i> , 2020, 8, 162-166.	0.1	2
16	Acurácia de Produtos Fotogramétricos Gerados com Aeronave Remotamente Pilotada em Relevo Acidentado. <i>Revista Brasileira De Cartografia</i> , 2020, 72, 490-500.	0.1	0
17	Assessment of CNN-Based Methods for Individual Tree Detection on Images Captured by RGB Cameras Attached to UAVs. <i>Sensors</i> , 2019, 19, 3595.	2.1	110
18	Improvement of leaf nitrogen content inference in Valencia-orange trees applying spectral analysis algorithms in UAV mounted-sensor images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 83, 101907.	1.4	24

#	ARTICLE	IF	CITATIONS
19	Twitter breaking news detector in the 2018 Brazilian presidential election using word embeddings and convolutional neural networks. , 2019, , .		4
20	The Impact of Ground Control Point Quantity on Area and Volume Measurements with UAV SFM Photogrammetry Applied in Open Pit Mines. , 2019, , .		4
21	BERT for Stock Market Sentiment Analysis. , 2019, , .		45
22	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
23	Asphalt Pothole Detection in UAV Images Using Convolutional Neural Networks. , 2019, , .		4
24	Machine Learning Applied to Uav Imagery in Precision Agriculture and Forest Monitoring in Brazilian Savannah. , 2019, , .		3
25	Estimating Pasture Biomass and Canopy Height in Brazilian Savanna Using UAV Photogrammetry. Remote Sensing, 2019, 11, 2447.	1.8	30
26	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
27	Improving Instance Selection via Metric Learning. , 2018, , .		2
28	Learning a Fast Bipartite Ranker for Text Documents Using Lexicographical Rankers and ROC Curves. , 2017, , .		0
29	An Experimental Evaluation of Sentiment Analysis on Financial News Using Prior Polarity Words. Lecture Notes in Computer Science, 2014, , 218-228.	1.0	0
30	Smart Saint: An Active Semi-supervised Learning Internet Filter. , 2013, , .		1
31	Exploring Unclassified Texts Using Multiview Semisupervised Learning. , 2008, , 139-161.		1
32	A Simple Lexicographic Ranker and Probability Estimator. Lecture Notes in Computer Science, 2007, , 575-582.	1.0	23
33	On the Class Distribution Labelling Step Sensitivity of CO-TRAINING. , 2006, , 199-208.		3