

Matheus Gutoski

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

81
citations

2258059

3
h-index

1872680

6
g-index

22
all docs

22
docs citations

22
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	A clustering-based deep autoencoder for one-class image classification. , 2017, , .		12
2	Classification of Weeds and Crops at the Pixel-Level Using Convolutional Neural Networks and Data Augmentation. , 2019, , .		10
3	One-Class Classification in Images and Videos Using a Convolutional Autoencoder With Compact Embedding. IEEE Access, 2020, 8, 86520-86535.	4.2	10
4	Deep metric learning for open-set human action recognition in videos. Neural Computing and Applications, 2021, 33, 1207-1220.	5.6	10
5	Detection of Video Anomalies Using Convolutional Autoencoders and One-Class Support Vector Machines. , 0, , .		10
6	The Effect of Data Augmentation on the Performance of Convolutional Neural Networks. , 0, , .		8
7	A Comparative Study of Transfer Learning Approaches for Video Anomaly Detection. International Journal of Pattern Recognition and Artificial Intelligence, 2021, 35, 2152003.	1.2	4
8	OSVidCap: A Framework for the Simultaneous Recognition and Description of Concurrent Actions in Videos in an Open-Set Scenario. IEEE Access, 2021, 9, 137029-137041.	4.2	3
9	Incremental human action recognition with dual memory. Image and Vision Computing, 2021, 116, 104313.	4.5	2
10	Car Make and Model Classification with Deep Learning Methods. , 0, , .		2
11	A Comparative Study for Open Set Semantic Segmentation Methods. , 0, , .		2
12	Soft Biometrics Classification in Videos Using Transfer Learning and Bidirectional Long Short-Term Memory Networks. Learning and Nonlinear Models, 2020, 18, 47-59.	0.2	2
13	A Novel Approach to Protein Folding Prediction based on Long Short-Term Memory Networks: A Preliminary Investigation and Analysis. , 2018, , .		1
14	A benchmark of optimally folded protein structures using integer programming and the 3D-HP-SC model. Computational Biology and Chemistry, 2020, 84, 107192.	2.3	1
15	A Study of the Influence of Data Complexity and Similarity on Soft Biometrics Classification Performance in a Transfer Learning Scenario. Learning and Nonlinear Models, 2021, 18, 56-65.	0.2	1
16	Qualitative analysis of deep learning frameworks. Learning and Nonlinear Models, 2017, 15, 45-52.	0.2	1
17	A gene expression programming approach for evolving multi-class image classifiers. , 2017, , .		0
18	A Framework for Analyzing Book Covers and Co-purchases using Object Detection and Data Mining Methods. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Soft Biometrics Classification Using Denoising Convolutional Autoencoders and Support Vector Machines. , 0, , .		0
20	Patch-Based Convolutional Neural Network for the Writer Classification Problem in Music Score Images. , 0, , .		0
21	Análise da fragmentação partidária na Assembleia Legislativa do Rio Grande do Sul com Métodos de Mineração de Dados. , 0, , .		0