

# Matheus Gutoski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1282741/publications.pdf>

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

#	ARTICLE	IF	CITATIONS
19	Análise da fragmentação partidária na Assembleia Legislativa do Rio Grande do Sul com Métodos de Mineração de Dados. , 0, , .		0
20	Car Make and Model Classification with Deep Learning Methods. , 0, , .		2
21	A Comparative Study for Open Set Semantic Segmentation Methods. , 0, , .		2