

Amirthalingam Ramanan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

202
citations

1477746

6
h-index

1372195

10
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25
all docs

25
docs citations

25
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	Pooling in convolutional neural networks for medical image analysis: a survey and an empirical study. <i>Neural Computing and Applications</i> , 2022, 34, 5321-5347.	3.2	51
2	Image Classification of Paddy Field Insect Pests Using Gradient-Based Features. <i>International Journal of Machine Learning and Computing</i> , 0, , 1-5.	0.8	33
3	A Review of Codebook Models in Patch-Based Visual Object Recognition. <i>Journal of Signal Processing Systems</i> , 2012, 68, 333-352.	1.4	18
4	An improved landmark-driven and spatially channel attentive convolutional neural network for fashion clothes classification. <i>Visual Computer</i> , 2021, 37, 1517-1526.	2.5	15
5	A knowledge-sharing semi-supervised approach for fashion clothes classification and attribute prediction. <i>Visual Computer</i> , 2022, 38, 3551-3561.	2.5	13
6	A one-pass resource-allocating codebook for patch-based visual object recognition. , 2010, , .		12
7	Target-Specific Siamese Attention Network for Real-Time Object Tracking. <i>IEEE Transactions on Information Forensics and Security</i> , 2020, 15, 1276-1289.	4.5	9
8	Loss functions for optimizing Kappa as the evaluation measure for classifying diabetic retinopathy and prostate cancer images. , 2020, , .		9
9	Siamese network based fine grained classification for Diabetic Retinopathy grading. <i>Biomedical Signal Processing and Control</i> , 2022, 78, 103874.	3.5	7
10	A wheel-based side-view car detection using snake algorithm. , 2012, , .		6
11	A classifier-free codebook-based image classification of vehicle logos. , 2014, , .		5
12	Speeding up multi-class texture classification by one-pass vocabulary design and decision tree. , 2011, , .		4
13	An efficient and speeded-up tree for multi-class classification. , 2012, , .		4
14	A Coarse-to-Fine Strategy for Vehicle Logo Recognition from Frontal-View Car Images. <i>Pattern Recognition and Image Analysis</i> , 2018, 28, 142-154.	0.6	4
15	One-pass clustering superpixels. , 2014, , .		3
16	Keypoints and Codewords Selection for Efficient Bag-of-Features Representation. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 378-390.	0.5	2
17	An experimental study on convolutional neural network-based pooling techniques for the classification of HEp-2 cell images. , 2021, , .		2
18	Resource-Allocating Codebook for patch-based face recognition. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
19	Sequential Hierarchical Pattern Clustering. Lecture Notes in Computer Science, 2009, , 79-88.	1.0	1
20	Are Large Scale Training Images or Discriminative Features Important for Codebook Construction?. , 2016, , .		1
21	Multi-staged Feature-Attentive Network for Fashion Clothing Classification and Attribute Prediction. Electronic Letters on Computer Vision and Image Analysis, 2021, 20, 83-100.	0.5	1
22	An Efficient BoF Representation for Object Classification. Electronic Letters on Computer Vision and Image Analysis, 2021, 20, .	0.5	1
23	A feature-driven hierarchical classification approach to emotions in speeches using SVMs. , 2017, , .		0
24	One-pass Keypoint Selection to Construct Codebook for Patch-based Object Classification. , 2018, , .		0
25	Look at Both Eyes: Deep Learning Based Feature Fusion Strategies for the Classification of Diabetic Retinopathy Lesions. , 2021, , .		0