

Shyh Wei Teng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7346941/publications.pdf>

Version: 2024-02-01

60
papers

616
citations

623734

14
h-index

677142

22
g-index

61
all docs

61
docs citations

61
times ranked

497
citing authors

#	ARTICLE	IF	CITATIONS
1	PTP1B regulates Eph receptor function and trafficking. <i>Journal of Cell Biology</i> , 2010, 191, 1189-1203.	5.2	66
2	Effective and efficient contour-based corner detectors. <i>Pattern Recognition</i> , 2015, 48, 2185-2197.	8.1	50
3	Adversarial Network With Multiple Classifiers for Open Set Domain Adaptation. <i>IEEE Transactions on Multimedia</i> , 2021, 23, 2732-2744.	7.2	42
4	Feature-subspace aggregating: ensembles for stable and unstable learners. <i>Machine Learning</i> , 2011, 82, 375-397.	5.4	41
5	Differential prioritization between relevance and redundancy in correlation-based feature selection techniques for multiclass gene expression data. <i>BMC Bioinformatics</i> , 2006, 7, 320.	2.6	28
6	Improved Symmetric-SIFT for Multi-modal Image Registration. , 2011, , .		28
7	Enhancing SIFT-based image registration performance by building and selecting highly discriminating descriptors. <i>Pattern Recognition Letters</i> , 2016, 84, 156-162.	4.2	26
8	A general stochastic clustering method for automatic cluster discovery. <i>Pattern Recognition</i> , 2011, 44, 2786-2799.	8.1	25
9	Image indexing and retrieval based on vector quantization. <i>Pattern Recognition</i> , 2007, 40, 3299-3316.	8.1	22
10	A Robust Gradient Based Method for Building Extraction from LiDAR and Photogrammetric Imagery. <i>Sensors</i> , 2016, 16, 1110.	3.8	22
11	Multimodal image registration technique based on improved local feature descriptors. <i>Journal of Electronic Imaging</i> , 2015, 24, 013013.	0.9	21
12	Differential prioritization in feature selection and classifier aggregation for multiclass microarray datasets. <i>Data Mining and Knowledge Discovery</i> , 2007, 14, 329-366.	3.7	20
13	Network Representation Learning: From Traditional Feature Learning to Deep Learning. <i>IEEE Access</i> , 2020, 8, 205600-205617.	4.2	20
14	Distortion Robust Image Classification Using Deep Convolutional Neural Network with Discrete Cosine Transform. , 2019, , .		16
15	Rice Freshness Identification Based on Visible Near-Infrared Spectroscopy and Colorimetric Sensor Array. <i>Food Analytical Methods</i> , 2021, 14, 1305-1314.	2.6	16
16	Cuboid Segmentation for Effective Image Retrieval. , 2017, , .		15
17	Enhanced Transfer Learning with ImageNet Trained Classification Layer. <i>Lecture Notes in Computer Science</i> , 2019, , 142-155.	1.3	15
18	Integrated generalized zero-shot learning for fine-grained classification. <i>Pattern Recognition</i> , 2022, 122, 108246.	8.1	14

#	ARTICLE	IF	CITATIONS
19	Improved Tamura Features for Image Classification Using Kernel Based Descriptors. , 2017, , .		13
20	Simplifying and improving ant-based clustering. Procedia Computer Science, 2011, 4, 46-55.	2.0	10
21	COREG: a corner based registration technique for multimodal images. Multimedia Tools and Applications, 2018, 77, 12607-12634.	3.9	9
22	Texture classification using multimodal Invariant Local Binary Pattern. , 2011, , .		8
23	Enhanced Colour Image Retrieval with Cuboid Segmentation. , 2018, , .		8
24	An Enhancement to SIFT-Based Techniques for Image Registration. , 2010, , .		7
25	Achieving High Multi-Modal Registration Performance Using Simplified Hough-Transform with Improved Symmetric-SIFT. , 2012, , .		7
26	Enhancing image registration performance by incorporating distribution and spatial distance of local descriptors. Pattern Recognition Letters, 2018, 103, 46-52.	4.2	7
27	Robust Image Classification Using a Low-Pass Activation Function and DCT Augmentation. IEEE Access, 2021, 9, 86460-86474.	4.2	7
28	Rotation Invariant Spatial Pyramid Matching for Image Classification. , 2015, , .		5
29	A Novel Multi-Modal Image Registration Method Based on Corners. , 2014, , .		4
30	A Novel Perceptual Dissimilarity Measure for Image Retrieval. , 2018, , .		4
31	Cuboid Colour Image Segmentation Using Intuitive Distance Measure. , 2018, , .		4
32	Bidirectional Mapping Coupled GAN for Generalized Zero-Shot Learning. IEEE Transactions on Image Processing, 2022, 31, 721-733.	9.8	4
33	Auto-identification of two <i>Sitophilus</i> sibling species on stored wheat using deep convolutional neural network. Pest Management Science, 2022, 78, 1925-1937.	3.4	4
34	Characteristics of predictor sets found using differential prioritization. Algorithms for Molecular Biology, 2007, 2, 7.	1.2	3
35	A Kernel-Based Approach for Content-Based Image Retrieval. , 2018, , .		3
36	An Enhancement to the Spatial Pyramid Matching for Image Classification and Retrieval. IEEE Access, 2020, 8, 22463-22472.	4.2	3

#	ARTICLE	IF	CITATIONS
37	An improved building detection in complex sites using the LIDAR height variation and point density. , 2013, , .		2
38	A detector of structural similarity for multi-modal microscopic image registration. Multimedia Tools and Applications, 2018, 77, 7675-7701.	3.9	2
39	Improved Image Analysis Methodology for Detecting Changes in Evidence Positioning at Crime Scenes. , 2019, , .		2
40	Issues of grid-cluster retrievals in swarm-based clustering. , 2008, , .		1
41	Detection of Structural Similarity for Multimodal Microscopic Image Registration. , 2013, , .		1
42	Maximizing structural similarity in multimodal biomedical microscopic images for effective registration. , 2013, , .		1
43	Combining Pyramid Match Kernel and Spatial Pyramid for Image Classification. , 2016, , .		1
44	An Enhanced Local Texture Descriptor for Image Segmentation. , 2020, , .		1
45	A novel fusion approach in the extraction of kernel descriptor with improved effectiveness and efficiency. Multimedia Tools and Applications, 2021, 80, 14545-14564.	3.9	1
46	A Comparative Study of a Practical Stochastic Clustering Method with Traditional Methods. Lecture Notes in Computer Science, 2010, , 112-121.	1.3	1
47	OVA Scheme vs. Single Machine Approach in Feature Selection for Microarray Datasets. Lecture Notes in Computer Science, 2006, , 10-23.	1.3	1
48	Degree of differential prioritization. IEEE Engineering in Medicine and Biology Magazine, 2009, 28, 45-51.	0.8	0
49	Image registration using modified Local Ternary Pattern. , 2010, , .		0
50	An effective method of estimating scale-invariant interest region for representing corner features. , 2012, , .		0
51	Automatic Extraction of Buildings in an Urban Region. , 2014, , .		0
52	Extracting road centrelines from binary road images by optimizing geodesic lines. , 2015, , .		0
53	A New Building Mask Using the Gradient of Heights for Automatic Building Extraction. , 2016, , .		0
54	Image Clustering Using a Similarity Measure Incorporating Human Perception. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
55	Enhancing the Effectiveness of Local Descriptor Based Image Matching. , 2018, , .		0
56	Investigating the Class-Specific Relevance of Predictor Sets Obtained from DDP-Based Feature Selection Technique. Lecture Notes in Computer Science, 2006, , 60-70.	1.3	0
57	A Study on the Importance of Differential Prioritization in Feature Selection Using Toy Datasets. Lecture Notes in Computer Science, 2008, , 311-322.	1.3	0
58	FaSS: Ensembles for Stable Learners. Lecture Notes in Computer Science, 2009, , 364-374.	1.3	0
59	BackNet: An Enhanced Backbone Network for Accurate Detection of Objects with Large Scale Variations. Lecture Notes in Computer Science, 2019, , 52-64.	1.3	0
60	Hierarchical Colour Image Segmentation by Leveraging RGB Channels Independently. Lecture Notes in Computer Science, 2019, , 197-210.	1.3	0