

Hau-San Wong

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3128347/hau-san-wong-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

147
papers

2,531
citations

30
h-index

43
g-index

192
ext. papers

3,192
ext. citations

5.4
avg, IF

5.34
L-index

#	Paper	IF	Citations
147	Graph-based consensus clustering for class discovery from gene expression data. <i>Bioinformatics</i> , 2007 , 23, 2888-96	7.2	121
146	Incremental Semi-Supervised Clustering Ensemble for High Dimensional Data Clustering. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2016 , 28, 701-714	4.2	114
145	Face and palmprint feature level fusion for single sample biometrics recognition. <i>Neurocomputing</i> , 2007 , 70, 1582-1586	5.4	96
144	Characterization of carbon nanotube protein corona by using quantitative proteomics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013 , 9, 583-93	6	79
143	TEPITOPEpan: extending TEPITOPE for peptide binding prediction covering over 700 HLA-DR molecules. <i>PLoS ONE</i> , 2012 , 7, e30483	3.7	74
142	Adaptive activation functions in convolutional neural networks. <i>Neurocomputing</i> , 2018 , 272, 204-212	5.4	67
141	Face recognition based on 2D Fisherface approach. <i>Pattern Recognition</i> , 2006 , 39, 707-710	7.7	65
140	A Bayesian Model for Crowd Escape Behavior Detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 85-98	6.4	64
139	A hybrid intelligent algorithm for portfolio selection problem with fuzzy returns. <i>Journal of Computational and Applied Mathematics</i> , 2009 , 233, 264-278	2.4	57
138	Dilation method for finding close roots of polynomials based on constrained learning neural networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003 , 309, 443-451	2.3	46
137	Double Selection Based Semi-Supervised Clustering Ensemble for Tumor Clustering from Gene Expression Profiles. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2014 , 11, 727-40	4.0	45
136	Generalized Adjusted Rand Indices for cluster ensembles. <i>Pattern Recognition</i> , 2012 , 45, 2214-2226	7.7	44
135	Hybrid clustering solution selection strategy. <i>Pattern Recognition</i> , 2014 , 47, 3362-3375	7.7	40
134	SC(3): Triple spectral clustering-based consensus clustering framework for class discovery from cancer gene expression profiles. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012 , 9, 1751-65	3	40
133	Adaptive Fuzzy Consensus Clustering Framework for Clustering Analysis of Cancer Data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2015 , 12, 887-901	3	39
132	Distribution-Based Cluster Structure Selection. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3554-3567	10.2	37
131	. <i>IEEE Transactions on Multimedia</i> , 2001 , 3, 186-199	6.6	37

130	Model Adaptation: Unsupervised Domain Adaptation Without Source Data 2020 ,		37
129	Hybrid cluster ensemble framework based on the random combination of data transformation operators. <i>Pattern Recognition</i> , 2012 , 45, 1826-1837	7.7	35
128	A neural network-based biomarker association information extraction approach for cancer classification. <i>Journal of Biomedical Informatics</i> , 2009 , 42, 654-66	10.2	35
127	Clustering by Local Gravitation. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 1383-1396	10.2	33
126	. <i>IEEE Transactions on Multimedia</i> , 2007 , 9, 766-784	6.6	33
125	A neural learning approach for adaptive image restoration using a fuzzy model-based network architecture. <i>IEEE Transactions on Neural Networks</i> , 2001 , 12, 516-31		33
124	Extracting gene regulation information for cancer classification. <i>Pattern Recognition</i> , 2007 , 40, 3379-3392.7	7.7	32
123	A New Kind of Nonparametric Test for Statistical Comparison of Multiple Classifiers Over Multiple Datasets. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 4418-4431	10.2	31
122	Class discovery from gene expression data based on perturbation and cluster ensemble. <i>IEEE Transactions on Nanobioscience</i> , 2009 , 8, 147-60	3.4	31
121	Adaptive Semi-Supervised Classifier Ensemble for High Dimensional Data Classification. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 366-379	10.2	31
120	Adaptive Ensembling of Semi-Supervised Clustering Solutions. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017 , 29, 1577-1590	4.2	30
119	Progressive Semisupervised Learning of Multiple Classifiers. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 689-702	10.2	30
118	Progressive subspace ensemble learning. <i>Pattern Recognition</i> , 2016 , 60, 692-705	7.7	30
117	A modified support vector machine and its application to image segmentation. <i>Image and Vision Computing</i> , 2011 , 29, 29-40	3.7	30
116	Kernel clustering-based discriminant analysis. <i>Pattern Recognition</i> , 2007 , 40, 324-327	7.7	30
115	Inferring protein-protein interacting sites using residue conservation and evolutionary information. <i>Protein and Peptide Letters</i> , 2006 , 13, 999-1005	1.9	30
114	Transcriptome-guided functional analyses reveal novel biological properties and regulatory hierarchy of human embryonic stem cell-derived ventricular cardiomyocytes crucial for maturation. <i>PLoS ONE</i> , 2013 , 8, e77784	3.7	30
113	Proteomic Analysis of Human Pluripotent Stem Cell-Derived, Fetal, and Adult Ventricular Cardiomyocytes Reveals Pathways Crucial for Cardiac Metabolism and Maturation. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 427-36		29

112	Crowd motion partitioning in a scattered motion field. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 1443-54		28
111	Face recognition based on discriminant fractional Fourier feature extraction. <i>Pattern Recognition Letters</i> , 2006 , 27, 1465-1471	4.7	27
110	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 851-865	6.6	26
109	Semi-Supervised Ensemble Clustering Based on Selected Constraint Projection. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018 , 30, 2394-2407	4.2	26
108	From cluster ensemble to structure ensemble. <i>Information Sciences</i> , 2012 , 198, 81-99	7.7	26
107	Corpus-based topic diffusion for short text clustering. <i>Neurocomputing</i> , 2018 , 275, 2444-2458	5.4	23
106	Probabilistic cluster structure ensemble. <i>Information Sciences</i> , 2014 , 267, 16-34	7.7	22
105	3D head model classification by evolutionary optimization of the Extended Gaussian Image representation. <i>Pattern Recognition</i> , 2004 , 37, 2307-2322	7.7	21
104	Hybrid Classifier Ensemble for Imbalanced Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 1387-1400	10.3	21
103	A fuzzy minimax clustering model and its applications. <i>Information Sciences</i> , 2012 , 186, 114-125	7.7	20
102	Identifying protein-kinase-specific phosphorylation sites based on the Bagging-AdaBoost ensemble approach. <i>IEEE Transactions on Nanobioscience</i> , 2010 , 9, 132-43	3.4	20
101	. <i>IEEE Transactions on Multimedia</i> , 2007 , 9, 1026-1036	6.6	20
100	Hybrid Incremental Ensemble Learning for Noisy Real-World Data Classification. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 403-416	10.2	20
99	Cooperative traffic signal control using Multi-step return and Off-policy Asynchronous Advantage Actor-Critic Graph algorithm. <i>Knowledge-Based Systems</i> , 2019 , 183, 104855	7.3	19
98	Generalized Pair-Counting Similarity Measures for Clustering and Cluster Ensembles. <i>IEEE Access</i> , 2017 , 5, 16904-16918	3.5	19
97	A new unsupervised feature ranking method for gene expression data based on consensus affinity. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012 , 9, 1257-63	3	18
96	Prediction of protein B-factors using multi-class bounded SVM. <i>Protein and Peptide Letters</i> , 2007 , 14, 185-90	1.9	18
95	Exploiting Target Data to Learn Deep Convolutional Networks for Scene-Adapted Human Detection. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 1418-1432	8.7	17

94	ASM: An adaptive simplification method for 3D point-based models. <i>CAD Computer Aided Design</i> , 2010 , 42, 598-612	2.9	17
93	A new partitioning neural network model for recursively finding arbitrary roots of higher order arbitrary polynomials. <i>Applied Mathematics and Computation</i> , 2005 , 162, 1183-1200	2.7	17
92	An adaptive approach for texture enhancement based on a fractional differential operator with non-integer step and order. <i>Neurocomputing</i> , 2015 , 158, 295-306	5.4	16
91	Simplified unsupervised image translation for semantic segmentation adaptation. <i>Pattern Recognition</i> , 2020 , 105, 107343	7.7	16
90	Neighborhood Knowledge-Based Evolutionary Algorithm for Multiobjective Optimization Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2011 , 15, 812-831	15.6	16
89	ARImp: A Generalized Adjusted Rand Index for Cluster Ensembles 2010 ,		16
88	Visual query processing for efficient image retrieval using a SOM-based filter-refinement scheme. <i>Information Sciences</i> , 2012 , 203, 83-101	7.7	15
87	Multiobjective Semisupervised Classifier Ensemble. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2280-2293	10.2	14
86	Introduction to the Peptide Binding Problem of Computational Immunology: New Results. <i>Foundations of Computational Mathematics</i> , 2014 , 14, 951-984	2.7	13
85	Representative distance: a new similarity measure for class discovery from gene expression data. <i>IEEE Transactions on Nanobioscience</i> , 2012 , 11, 341-51	3.4	13
84	Constructing the gene regulation-level representation of microarray data for cancer classification. <i>Journal of Biomedical Informatics</i> , 2008 , 41, 95-105	10.2	13
83	Exploring Correlations Among Tasks, Clusters, and Features for Multitask Clustering. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 355-368	10.3	13
82	Mutual Learning of Complementary Networks via Residual Correction for Improving Semi-Supervised Classification 2019 ,		13
81	A weighted local view method based on observation over ground truth for community detection. <i>Information Sciences</i> , 2016 , 355-356, 37-57	7.7	12
80	3D head model retrieval in kernel feature space using HSOM. <i>Pattern Recognition</i> , 2008 , 41, 468-483	7.7	12
79	Variant SemiBoost for Improving Human Detection in Application Scenes. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 1595-1608	6.4	10
78	A new method for measuring the semantic similarity on gene ontology 2010 ,		10
77	Transfer Clustering Ensemble Selection. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2872-2885	10.2	10

76	A Comparison Study for DNA Motif Modeling on Protein Binding Microarray. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2016 , 13, 261-71	3	9
75	Logic optimality for multi-objective optimization. <i>Applied Mathematics and Computation</i> , 2009 , 215, 3045-3056	3	9
74	Quantization-based clustering algorithm. <i>Pattern Recognition</i> , 2010 , 43, 2698-2711	7.7	9
73	Adaptive regularization in image restoration using a model-based neural network. <i>Optical Engineering</i> , 1997 , 36, 3297	1.1	9
72	Structured Penalized Logistic Regression for Gene Selection in Gene Expression Data Analysis. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019 , 16, 312-321	3	9
71	Multitask Feature Selection by Graph-Clustered Feature Sharing. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 74-86	10.2	9
70	Semi-Supervised Deep Coupled Ensemble Learning with Classification Landmark Exploration. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	9
69	Exploiting Global Low-Rank Structure and Local Sparsity Nature for Tensor Completion. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3898-3910	10.2	8
68	Joint segmentation of collectively moving objects using a bag-of-words model and level set evolution. <i>Pattern Recognition</i> , 2012 , 45, 3389-3401	7.7	8
67	MHC binding prediction with KernelRLSpan and its variations. <i>Journal of Immunological Methods</i> , 2014 , 406, 10-20	2.5	8
66	An effective and efficient peptide binding prediction approach for a broad set of HLA-DR molecules based on ordered weighted averaging of binding pocket profiles. <i>Proteome Science</i> , 2013 , 11, S15	2.6	8
65	Fuzzy multi-objective portfolio selection model with transaction costs 2009 ,		8
64	A model-based neural network for edge characterization. <i>Pattern Recognition</i> , 2000 , 33, 427-444	7.7	8
63	Application of evolutionary programming to adaptive regularization in image restoration. <i>IEEE Transactions on Evolutionary Computation</i> , 2000 , 4, 309-326	15.6	7
62	Improving Domain-Specific Classification by Collaborative Learning with Adaptation Networks. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2003 , 33, 5450-5457	5	7
61	Semi-Supervised Human Detection via Region Proposal Networks Aided by Verification. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	7
60	Crowd Flow Segmentation Using a Novel Region Growing Scheme. <i>Lecture Notes in Computer Science</i> , 2009 , 898-907	0.9	6
59	Regularizing Discriminative Capability of CGANs for Semi-Supervised Generative Learning 2020 ,		6

58	Generating Target Image-Label Pairs for Unsupervised Domain Adaptation. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 7997-8011	8.7	5
57	An Inception Convolutional Autoencoder Model for Chinese Healthcare Question Clustering. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2019-2031	10.2	5
56	Unsupervised discriminative feature learning via finding a clustering-friendly embedding space. <i>Pattern Recognition</i> , 2022 , 129, 108768	7.7	5
55	Characterisation of semantic similarity on gene ontology based on a shortest path approach. <i>International Journal of Data Mining and Bioinformatics</i> , 2014 , 10, 33-48	0.5	4
54	3D model retrieval based on volumetric extended gaussian image and hierarchical self organizing map 2006 ,		4
53	FEMA: A Fast Expectation Maximization Algorithm based on Grid and PCA 2006 ,		4
52	Fast Gaussian Mixture Clustering for Skin Detection 2006 ,		4
51	3D Model Retrieval Based on Multi-Shell Extended Gaussian Image 2007 , 426-437		4
50	Semi-Supervised Pedestrian Instance Synthesis and Detection With Mutual Reinforcement 2019 ,		4
49	Hybrid associative retrieval of three-dimensional models. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 1582-95		3
48	Partial closure-based constrained clustering with order ranking 2008 ,		3
47	2D clustering based discriminant analysis for 3D head model classification. <i>Pattern Recognition</i> , 2006 , 39, 491-494	7.7	3
46	Polyhedral Object Localization in an Image by Referencing to a Single Model View. <i>International Journal of Computer Vision</i> , 2003 , 51, 139-163	10.6	3
45	An uncorrelated fisherface approach. <i>Neurocomputing</i> , 2005 , 67, 328-334	5.4	3
44	Image Segmentation Based on Cluster Ensemble. <i>Lecture Notes in Computer Science</i> , 2007 , 894-903	0.9	3
43	Fast and Effective Active Clustering Ensemble Based on Density Peak. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 3593-3607	10.3	3
42	Iterative Term Weighting for Short Text Data 2015 ,		2
41	AORS: Affinity-based outlier ranking score 2014 ,		2

40	RNA structural motif recognition based on least-squares distance. <i>Rna</i> , 2013 , 19, 1183-91	5.8	2
39	Feature-based 3D motif filtering for ribosomal RNA. <i>Bioinformatics</i> , 2011 , 27, 2828-35	7.2	2
38	Active constrained clustering with multiple cluster representatives 2009 ,		2
37	3D motion sequence retrieval based on data distribution 2008 ,		2
36	An efficient local clustering approach for simplification of 3D point-based computer graphics models 2006 ,		2
35	Genetic-based K-means algorithm for selection of feature variables 2006 ,		2
34	3D model representation using adaptive volumetric extended Gaussian image 2007 ,		2
33	Three-dimensional shape recovery across two views using approximate geometric constraints. <i>Optical Engineering</i> , 2003 , 42, 632	1.1	2
32	Transformation of Compressed Domain Features for Content-Based Image Indexing and Retrieval. <i>Multimedia Tools and Applications</i> , 2005 , 26, 5-26	2.5	2
31			2
30	Locality-Sensitive Term Weighting for Short Text Clustering. <i>Lecture Notes in Computer Science</i> , 2017 , 434-444	0.9	2
29	A Shape Derivative Based Approach for Crowd Flow Segmentation. <i>Lecture Notes in Computer Science</i> , 2010 , 93-102	0.9	2
28	Incremental semi-supervised clustering ensemble for high dimensional data clustering 2016 ,		2
27	. <i>IEEE Transactions on Multimedia</i> , 2021 , 1-1	6.6	2
26	Progressive Hybrid Classifier Ensemble for Imbalanced Data. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-15	7.3	2
25	Nearest neighbor evolutionary algorithm for constrained optimization problem 2008 ,		1
24	2008 ,		1
23	A Robust Moving Object Detection Approach 2008 ,		1

22	Image classification based on the bagging-adaboost ensemble 2008 ,		1
21	Hierarchical multi-classifier system design based on evolutionary computation technique. <i>Multimedia Tools and Applications</i> , 2007 , 33, 91-108	2.5	1
20	Prediction of Protein-Protein Interacting Sites by Combining SVM Algorithm with Bayesian Method 2007 ,		1
19	An evolutionary optimization approach for 3D human head model classification 2003 ,		1
18	Indexing and retrieval of 3D models by unsupervised clustering with hierarchical SOM 2004 ,		1
17	Compressed domain feature transformation using evolutionary strategies for image classification		1
16	A Filter-Refinement Scheme for 3D Model Retrieval Based on Sorted Extended Gaussian Image Histogram. <i>Lecture Notes in Computer Science</i> , 2007 , 643-652	0.9	1
15	Asymmetric Graph-Guided Multitask Survival Analysis With Self-Paced Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	1
14	Robust Epileptic Seizure Classification. <i>Lecture Notes in Computer Science</i> , 2016 , 363-373	0.9	1
13	. <i>IEEE Transactions on Multimedia</i> , 2021 , 1-1	6.6	1
12	DDAT: Dual domain adaptive translation for low-resolution face verification in the wild. <i>Pattern Recognition</i> , 2021 , 120, 108107	7.7	1
11	Knowledge Exchange Between Domain-Adversarial and Private Networks Improves Open Set Image Classification. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 5807-5818	8.7	1
10	Learning scene-adaptive pseudo annotations for pedestrian detection in semi-supervised scenarios. <i>Knowledge-Based Systems</i> , 2022 , 243, 108439	7.3	1
9	Adaptive Regularized Semi-Supervised Clustering Ensemble. <i>IEEE Access</i> , 2020 , 8, 17926-17934	3.5	0
8	Gene set enrichment ensemble using fold change data only. <i>Journal of Biomedical Informatics</i> , 2015 , 57, 189-203	10.2	0
7	GAN-based clustering solution generation and fusion of diffusion. <i>Systems Science and Control Engineering</i> , 2022 , 10, 24-42	2	0
6	Labeling of Human Motion by Constraint-Based Genetic Algorithm. <i>Lecture Notes in Computer Science</i> , 2007 , 105-114	0.9	0
5	Consensus comparative analysis of human embryonic stem cell-derived cardiomyocytes. <i>PLoS ONE</i> , 2015 , 10, e0125442	3.7	

4	Application of evolutionary strategies for 3D graphical model categorization and retrieval. <i>Multimedia Systems</i> , 2005 , 10, 422-431	2.2
3	Learning with Partially Shared Features for Multi-Task Learning. <i>Lecture Notes in Computer Science</i> , 2017 , 95-104	0.9
2	. <i>IEEE Transactions on Multimedia</i> , 2021 , 1-1	6.6
1	Attention regularized semi-supervised learning with class-ambiguous data for image classification. <i>Pattern Recognition</i> , 2022 , 129, 108727	7.7