

# YounÃ's Bennani

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

765  
citations

758635

12  
h-index

752256

20  
g-index

111  
all docs

111  
docs citations

111  
times ranked

451  
citing authors

#	ARTICLE	IF	CITATIONS
1	Collaborative clustering: Why, when, what and how. Information Fusion, 2018, 39, 81-95.	11.7	77
2	Dendrogram-based SVM for Multi-Class Classification. Journal of Computing and Information Technology, 2006, 14, 283.	0.2	44
3	Entropy based probabilistic collaborative clustering. Pattern Recognition, 2017, 72, 144-157.	5.1	32
4	Community detection in Attributed Network. , 2018, , .		29
5	A new topological clustering algorithm for interval data. Pattern Recognition, 2013, 46, 3030-3039.	5.1	28
6	COLLABORATIVE CLUSTERING USING PROTOTYPE-BASED TECHNIQUES. International Journal of Computational Intelligence and Applications, 2012, 11, 1250017.	0.6	26
7	Neural networks for discrimination and modelization of speakers. Speech Communication, 1995, 17, 159-175.	1.6	24
8	Semi-structured document categorization with a semantic kernel. Pattern Recognition, 2009, 42, 2067-2076.	5.1	23
9	Learning confidence exchange in Collaborative Clustering. , 2011, , .		21
10	A Modular and Hybrid Connectionist System for Speaker Identification. Neural Computation, 1995, 7, 791-798.	1.3	20
11	From variable weighting to cluster characterization in topographic unsupervised learning. , 2009, , .		20
12	Collaborative multi-view clustering. , 2013, , .		20
13	Enriched topological learning for cluster detection and visualization. Neural Networks, 2012, 32, 186-195.	3.3	17
14	BeSOM : Bernoulli on Self-Organizing Map. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	16
15	A simultaneous two-level clustering algorithm for automatic model selection. , 2007, , .		16
16	A PROBABILISTIC SELF-ORGANIZING MAP FOR BINARY DATA TOPOGRAPHIC CLUSTERING. International Journal of Computational Intelligence and Applications, 2008, 07, 363-383.	0.6	15
17	From horizontal to vertical collaborative clustering using generative topographic maps. International Journal of Hybrid Intelligent Systems, 2016, 12, 245-256.	0.9	15
18	FEATURES SELECTION AND ARCHITECTURE OPTIMIZATION IN CONNECTIONIST SYSTEMS. International Journal of Neural Systems, 2000, 10, 379-395.	3.2	12

#	ARTICLE	IF	CITATIONS
19	Diversity analysis in collaborative clustering. , 2014, , .		12
20	Collaborative Clustering: How to Select the Optimal Collaborators?. , 2015, , .		12
21	A local density-based simultaneous two-level algorithm for topographic clustering. , 2008, , .		10
22	ANCA : Attributed Network Clustering Algorithm. Studies in Computational Intelligence, 2018, , 241-252.	0.7	10
23	MULTI-EXPERT AND HYBRID CONNECTIONIST APPROACH FOR PATTERN RECOGNITION: SPEAKER IDENTIFICATION TASK. International Journal of Neural Systems, 1994, 05, 207-216.	3.2	9
24	Collaborative clustering with heterogeneous algorithms. , 2015, , .		8
25	Vertical collaborative clustering using generative topographic maps. , 2015, , .		8
26	Online Semi-supervised Growing Neural Gas for Multi-label Data Classification. , 2018, , .		8
27	Change detection in data streams through unsupervised learning. , 2012, , .		7
28	Non-negative embedding for fully unsupervised domain adaptation. Pattern Recognition Letters, 2016, 77, 35-41.	2.6	7
29	Unsupervised Learning for Analyzing the Dynamic Behavior of Online Banking Fraud. , 2013, , .		6
30	Probabilistic Self-Organizing Map for Clustering and Visualizing non-i.i.d Data. International Journal of Computational Intelligence and Applications, 2015, 14, 1550007.	0.6	6
31	Quantum Collaborative K-means. , 2020, , .		6
32	NEW SELF-ORGANIZING MAPS FOR MULTIVARIATE SEQUENCES PROCESSING. International Journal of Computational Intelligence and Applications, 2005, 05, 439-456.	0.6	5
33	Predictive connectionist approach for VoD bandwidth management. Computer Communications, 2007, 30, 2236-2247.	3.1	5
34	Collaborative Fuzzy Clustering of Variational Bayesian Generative Topographic Mapping. International Journal of Computational Intelligence and Applications, 2015, 14, 1550001.	0.6	5
35	Efficient k-Anonymization through Constrained Collaborative Clustering. , 2018, , .		5
36	Optimizing exchange confidence during collaborative clustering. , 2018, , .		5

#	ARTICLE	IF	CITATIONS
37	A new sparse representation learning of complex data: Application to dynamic clustering of web navigation. Pattern Recognition, 2019, 91, 291-307.	5.1	5
38	Mining RFID Behavior Data using Unsupervised Learning. International Journal of Applied Logistics, 2010, 1, 28-47.	0.6	5
39	Unsupervised Topographic Learning for Spatiotemporal Data Mining. Advances in Artificial Intelligence, 2010, 2010, 1-12.	0.9	5
40	Relational topological clustering. , 2010, , .		4
41	Learning random subspace novelty detection filters. , 2011, , .		4
42	Apatite (U-Th-Sm)/He date dispersion: First insights from machine learning algorithms. Earth and Planetary Science Letters, 2021, 554, 116655.	1.8	4
43	Label Propagation Through Optimal Transport. , 2021, , .		4
44	Collaborative Clustering Through Optimal Transport. Lecture Notes in Computer Science, 2020, , 873-885.	1.0	4
45	Towards Ontology Reasoning for Topological Cluster Labeling. Lecture Notes in Computer Science, 2016, , 156-164.	1.0	4
46	Cluster-Dependent Feature Selection through a Weighted Learning Paradigm. Studies in Computational Intelligence, 2010, , 133-147.	0.7	4
47	Impact of Learners's Quality and Diversity in Collaborative Clustering. Journal of Artificial Intelligence and Soft Computing Research, 2019, 9, 149-165.	3.5	4
48	A SELF-ORGANIZING MAP FOR MIXED CONTINUOUS AND CATEGORICAL DATA. International Journal of Computing, 0, , 24-32.	1.5	4
49	Distance Estimation for Quantum Prototypes Based Clustering. Lecture Notes in Computer Science, 2019, , 561-572.	1.0	4
50	MODULAR CONNECTIONIST MODELLING AND CLASSIFICATION APPROACHES FOR LOCAL DIAGNOSIS IN TELECOMMUNICATION TRAFFIC MANAGEMENT. International Journal of Computational Intelligence and Applications, 2001, 01, 53-70.	0.6	3
51	Probabilistic Mixed Topological Map for Categorical and Continuous Data. , 2008, , .		3
52	Coupling clustering and visualization for knowledge discovery from data. , 2011, , .		3
53	Sparsity analysis of learned factors in Multilayer NMF. , 2015, , .		3
54	A Recommendation System Based on Unsupervised Topological Learning. Lecture Notes in Computer Science, 2015, , 224-232.	1.0	3

#	ARTICLE	IF	CITATIONS
55	Collaborative clustering between different topological partitions. , 2017, , .		3
56	Topological multi-view clustering for collaborative filtering. Procedia Computer Science, 2018, 144, 306-312.	1.2	3
57	Collaborative Non-negative Matrix Factorization. Lecture Notes in Computer Science, 2019, , 655-666.	1.0	3
58	Multi-view Clustering Based on Non-negative Matrix Factorization. Studies in Big Data, 2022, , 177-200.	0.8	3
59	Feature space transformation for transfer learning. , 2012, , .		2
60	Unsupervised collaborative learning based on Optimal Transport theory. Journal of Intelligent Systems, 2021, 30, 698-719.	1.2	2
61	On the Use of Ontology as A Priori Knowledge into Constrained Clustering. , 2016, , .		2
62	Systèmes d'apprentissage connexionnistes - Sélection de variables. Revue D'Intelligence Artificielle, 2001, 15, 303-316.	0.5	2
63	Visualization and Analysis of Web Navigation Data. Lecture Notes in Computer Science, 2002, , 486-491.	1.0	2
64	A New Energy Model for the Hidden Markov Random Fields. Lecture Notes in Computer Science, 2014, , 60-67.	1.0	2
65	Semi-Supervised Multi-Label Classification Through Topological Active Learning. International Journal on Communications Antenna and Propagation, 2017, 7, 222.	0.2	2
66	Recommender System for Most Relevant K Pick-Up Points. Advances in Intelligent Systems and Computing, 2021, , 277-289.	0.5	2
67	Collaborative Learning to Improve the Non-uniqueness of NMF. International Journal of Computational Intelligence and Applications, 2022, 21, .	0.6	2
68	A Semantic Kernel for Semi-structured Documents. , 2007, , .		1
69	Relational Analysis for Consensus Clustering from Multiple Partitions. , 2008, , .		1
70	Mining Customers' Spatio-Temporal Behavior Data Using Topographic Unsupervised Learning. , 2009, , .		1
71	A New Competitive Strategy for Self Organizing Map Learning. , 2009, , .		1
72	Topographic under-sampling for unbalanced distributions. , 2010, , .		1

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73	Semantic rich ICM algorithm for VHR satellite images segmentation. , 2015, , .		1
74	Kernel alignment for unsupervised transfer learning. , 2016, , .		1
75	Domain Name Recommendation based on Neural Network. Procedia Computer Science, 2018, 144, 60-70.	1.2	1
76	Collaborative Multi-View Attributed Networks Mining. , 2018, , .		1
77	Learning Useful Representations Through Stacked Self-Organizing Maps. , 2018, , .		1
78	Subspace Guided Collaborative Clustering Based on Optimal Transport. Advances in Intelligent Systems and Computing, 2021, , 113-124.	0.5	1
79	Generative Histogram-Based Model Using Unsupervised Learning. Lecture Notes in Computer Science, 2019, , 634-646.	1.0	1
80	Une mesure de pertinence pour la sélection de variables dans les perceptrons multicouches. Revue D'Intelligence Artificielle, 2001, 15, 393-410.	0.5	1
81	LEA2C: Low Energy Adaptive Connectionist Clustering for Wireless Sensor Networks. Lecture Notes in Computer Science, 2005, , 405-415.	1.0	1
82	Comparing Large Datasets Structures through Unsupervised Learning. Lecture Notes in Computer Science, 2009, , 546-553.	1.0	1
83	Simultaneous Pattern and Variable Weighting during Topological Clustering. Lecture Notes in Computer Science, 2011, , 570-579.	1.0	1
84	Non-negative Matrix Factorization with Schatten p-norms Regularization. Lecture Notes in Computer Science, 2014, , 52-59.	1.0	1
85	A Topological k-Anonymity Model Based on Collaborative Multi-view Clustering. Lecture Notes in Computer Science, 2018, , 817-827.	1.0	1
86	A Two-Levels Data Anonymization Approach. IFIP Advances in Information and Communication Technology, 2020, , 85-95.	0.5	1
87	Data Anonymization through Collaborative Multi-view Microaggregation. Journal of Intelligent Systems, 2020, 30, 327-345.	1.2	1
88	Data Anonymization Through Multi-modular Clustering. Studies in Big Data, 2022, , 159-176.	0.8	1
89	RELATIONAL TOPOLOGICAL MAP. International Journal of Computational Intelligence and Applications, 2010, 09, 353-370.	0.6	0
90	Autonomous Clustering Characterization for Categorical Data. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
91	Probabilistic Self-Organizing Maps for multivariate sequences. , 2011, , .		0
92	Pruned Simple Model Sets for Fast Exact Recovery of Image. , 2015, , .		0
93	GTM Mixture through time for sequential data. , 2016, , .		0
94	Automatic detection of the support points in relational clustering. , 2019, , .		0
95	Unsupervised Learning from Data and Learners. Advances in Intelligent Systems and Computing, 2021, , 496-507.	0.5	0
96	Quantum Semi Non-negative Matrix Factorization. Advances in Intelligent Systems and Computing, 2021, , 135-144.	0.5	0
97	Hybrid Unsupervised Learning to Uncover Discourse Structure. Lecture Notes in Computer Science, 2009, , 258-269.	1.0	0
98	A New Simultaneous Two-Levels Coclustering Algorithm for Behavioural Data-Mining. Lecture Notes in Computer Science, 2011, , 745-752.	1.0	0
99	Classification relationnelle topographique. Revue D'Intelligence Artificielle, 2011, 25, 393-410.	0.5	0
100	Mining RFID Behavior Data using Unsupervised Learning. , 2012, , 28-48.		0
101	Collaborative-Based Multi-scale Clustering in Very High Resolution Satellite Images. Lecture Notes in Computer Science, 2016, , 148-155.	1.0	0
102	Incorporating Neighborhood Information During NMF Learning. Communications in Computer and Information Science, 2021, , 591-598.	0.4	0
103	Collaborative Random Forests Learning. , 2021, , .		0