Carlotta Domeniconi

List of Publications by Citations

56 papers	**1,541** citations	**18** h-index	**38** g-index
64 ext. papers	**1,954** ext. citations	**4.5** avg, IF	**4.94** L-index

#	Paper	IF	Citations
56	On-line LDA: Adaptive Topic Models for Mining Text Streams with Applications to Topic Detection and Tracking **2008**,		202
55	Predicting protein functions using incomplete hierarchical labels. *BMC Bioinformatics*, **2015**, 16, 1	3.6	189
54	Locally adaptive metrics for clustering high dimensional data. *Data Mining and Knowledge Discovery* , **2007**, 14, 63-97	5.6	143
53	Weighted cluster ensembles. *ACM Transactions on Knowledge Discovery From Data*, **2009**, 2, 1-40	4	119
52	Matrix factorization-based data fusion for the prediction of lncRNA-disease associations. *Bioinformatics*, **2018**, 34, 1529-1537	7.2	92
51	Approximating multi-dimensional aggregate range queries over real attributes **2000**,		85
50	Semi-supervised classification based on random subspace dimensionality reduction. *Pattern Recognition*, **2012**, 45, 1119-1135	7.7	71
49	Selectivity estimators for multidimensional range queries over real attributes. *VLDB Journal*, **2005**, 14, 137-154	3.9	71
48	Subspace Clustering of High Dimensional Data **2004**,		70
47	Large margin nearest neighbor classifiers. *IEEE Transactions on Neural Networks*, **2005**, 16, 899-909		62
46	Weighted-object ensemble clustering: methods and analysis. *Knowledge and Information Systems*, **2017**, 51, 661-689	2.4	34
45	Semi-supervised ensemble classification in subspaces. *Applied Soft Computing Journal*, **2012**, 12, 1511-1522	7.5	34
44	Weighted Clustering Ensembles **2006**,		34
43	ActiveHNE: Active Heterogeneous Network Embedding **2019**,		32
42	Incomplete Multi-View Weak-Label Learning **2018**,		22
41	Composite kernels for semi-supervised clustering. *Knowledge and Information Systems*, **2011**, 28, 99-116	2.4	20
40	Predicting protein function via downward random walks on a gene ontology. *BMC Bioinformatics*, **2015**, 16, 271	3.6	18

39	Using Wikipedia for Co-clustering Based Cross-Domain Text Classification **2008**,		18
38	Weighted matrix factorization on multi-relational data for LncRNA-disease association prediction. *Methods*, **2020**, 173, 32-43	4.6	18
37	Projective clustering ensembles. *Data Mining and Knowledge Discovery*, **2013**, 26, 452-511	5.6	17
36	Weighted-Object Ensemble Clustering **2013**,		16
35	Feature-Induced Partial Multi-label Learning **2018**,		15
34	Text Clustering with Local Semantic Kernels **2008**, 87-105		14
33	Multi-Label Co-Training **2018**,		13
32	Isoform function prediction based on bi-random walks on a heterogeneous network. *Bioinformatics*, **2020**, 36, 303-310	7.2	13
31	Embedding Semantics in LDA Topic Models **2010**, 183-204		10
30	Metacluster-based Projective Clustering Ensembles. *Machine Learning*, **2015**, 98, 181-216	4	9
29	Multi-label zero-shot learning with graph convolutional networks. *Neural Networks*, **2020**, 132, 333-341	9.1	8
28	Differentiating isoform functions with collaborative matrix factorization. *Bioinformatics*, **2020**, 36, 1864-1871	7.2	8
27	Projective Clustering Ensembles **2009**,		7
26	Multi-label Collective Classification Using Adaptive Neighborhoods **2012**,		6
25	Multi-label crowd consensus via joint matrix factorization. *Knowledge and Information Systems*, **2020**, 62, 1341-1369	2.4	6
24	Subspace Metric Ensembles for Semi-supervised Clustering of High Dimensional Data. *Lecture Notes in Computer Science*, **2006**, 509-520	0.9	6
23	. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 1-1	4.2	5
22	Advancing data clustering via projective clustering ensembles **2011**,		5

21	Weighted matrix factorization based data fusion for predicting lncRNA-disease associations **2018**,		5
20	Enhancing Single-Objective Projective Clustering Ensembles **2010**,		4
19	An Efficient Density-based Approach for Data Mining Tasks. *Knowledge and Information Systems*, **2004**, 6, 750-770	2.4	4
18	Clustering Ensembles with Active Constraints. *Studies in Computational Intelligence*, **2009**, 175-189	0.8	4
17	Weakly-supervised Cross-modal Hashing. *IEEE Transactions on Big Data*, **2019**, 1-1	3.2	4
16	Bayesian co-clustering. *Wiley Interdisciplinary Reviews: Computational Statistics*, **2015**, 7, 347-356	1.4	3
15	Deep Incomplete Multi-view Multiple Clusterings **2020**,		3
14	Weakly-Supervised Multi-view Multi-instance Multi-label Learning **2020**,		3
13	Multiple Co-clusterings **2018**,		3
12	CMAL: Cost-effective Multi-label Active Learning by Querying Subexamples. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	2
11	Hub-based subspace clustering. *Neurocomputing*, **2020**, 413, 193-209	5.4	2
10	Semi-Supervised Rank Learning for Multimedia Known-Item Search **2014**,		2
9	Towards a Universal Text Classifier: Transfer Learning Using Encyclopedic Knowledge **2009**,		2
8	Multi-typed Objects Multi-view Multi-instance Multi-label Learning **2020**,		2
7	Multi2Rank: Multimedia Multiview Ranking **2015**,		1
6	Reducing Ensembles of Protein Tertiary Structures Generated De Novo via Clustering. *Molecules*, **2020**, 25,	4.8	1
5	Theoretical and Empirical Analysis of a Spatial EA Parallel Boosting Algorithm. *Evolutionary Computation*, **2018**, 26, 43-66	4.3	1
4	Exploration of Different Constraints and Query Methods with Kernel-based Semi-supervised Clustering **2006**,		1

LIST OF PUBLICATIONS

3   Cooperative driver pathway discovery via fusion of multi-relational data of genes, miRNAs and pathways. *Briefings in Bioinformatics*, **2021**, 22, 1984-1999   13.4   1

2   Multiple clusterings of heterogeneous information networks. *Machine Learning*, **2021**, 110, 1505-1526   4   0

1   Annotating Proteins with Incomplete Label Information **2015**, 585-608