

Marco Loog

List of Publications by Year in descending order

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58
papers

2,002
citations

430874

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276875

41
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61
all docs

61
docs citations

61
times ranked

2029
citing authors

#	ARTICLE	IF	CITATIONS
1	To Actively Initialize Active Learning. Pattern Recognition, 2022, 131, 108836.	8.1	1
2	A Review of Domain Adaptation without Target Labels. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 766-785.	13.9	267
3	ReproducedPapers.org: Openly Teaching and Structuring Machine Learning Reproducibility. Lecture Notes in Computer Science, 2021, , 3-11.	1.3	4
4	Bayesian Active Learning for Maximal Information Gain on Model Parameters. , 2021, , .		0
5	Respecting Domain Relations: Hypothesis Invariance for Domain Generalization. , 2021, , .		12
6	Robust domain-adaptive discriminant analysis. Pattern Recognition Letters, 2021, 148, 107-113.	4.2	0
7	Predicting patient response with models trained on cell lines and patient-derived xenografts by nonlinear transfer learning. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	19
8	A brief prehistory of double descent. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10625-10626.	7.1	22
9	A Distribution Dependent and Independent Complexity Analysis of Manifold Regularization. Lecture Notes in Computer Science, 2020, , 326-338.	1.3	1
10	Making Learners (More) Monotone. Lecture Notes in Computer Science, 2020, , 535-547.	1.3	3
11	Gaussian process variance reduction by location selection. Pattern Recognition Letters, 2019, 125, 727-734.	4.2	3
12	PRECISE: a domain adaptation approach to transfer predictors of drug response from pre-clinical models to tumors. Bioinformatics, 2019, 35, i510-i519.	4.1	53
13	A dissimilarity-based multiple instance learning approach for protein remote homology detection. Pattern Recognition Letters, 2019, 128, 231-236.	4.2	3
14	Nuclear discrepancy for single-shot batch active learning. Machine Learning, 2019, 108, 1561-1599.	5.4	5
15	Single shot active learning using pseudo annotators. Pattern Recognition, 2019, 89, 22-31.	8.1	13
16	A variance maximization criterion for active learning. Pattern Recognition, 2018, 78, 358-370.	8.1	34
17	Effects of sampling skewness of the importance-weighted risk estimator on model selection. , 2018, , .		2
18	A benchmark and comparison of active learning for logistic regression. Pattern Recognition, 2018, 83, 401-415.	8.1	79

#	ARTICLE	IF	CITATIONS
19	Supervised Classification: Quite a Brief Overview. , 2018, , 113-145.		11
20	Projected estimators for robust semi-supervised classification. Machine Learning, 2017, 106, 993-1008.	5.4	8
21	Robust semi-supervised least squares classification by implicit constraints. Pattern Recognition, 2017, 63, 115-126.	8.1	11
22	An empirical investigation into the inconsistency of sequential active learning. , 2016, , .		4
23	Optimistic semi-supervised least squares classification. , 2016, , .		5
24	A soft-labeled self-training approach. , 2016, , .		4
25	Contrastive Pessimistic Likelihood Estimation for Semi-Supervised Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 462-475.	13.9	41
26	Dissimilarity-Based Ensembles for Multiple Instance Learning. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1379-1391.	11.3	37
27	The Peaking Phenomenon in Semi-supervised Learning. Lecture Notes in Computer Science, 2016, , 299-309.	1.3	2
28	On classification with bags, groups and sets. Pattern Recognition Letters, 2015, 59, 11-17.	4.2	20
29	Single- vs. multiple-instance classification. Pattern Recognition, 2015, 48, 2831-2838.	8.1	30
30	Multiple instance learning with bag dissimilarities. Pattern Recognition, 2015, 48, 264-275.	8.1	99
31	Semi-Supervised Nearest Mean Classification Through a Constrained Log-Likelihood. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 995-1006.	11.3	23
32	Implicitly Constrained Semi-supervised Least Squares Classification. Lecture Notes in Computer Science, 2015, , 158-169.	1.3	14
33	Implicitly Constrained Semi-supervised Linear Discriminant Analysis. , 2014, , .		7
34	Diagnostic classification of arterial spin labeling and structural MRI in presenile early stage dementia. Human Brain Mapping, 2014, 35, 4916-4931.	3.6	80
35	Semi-hidden target recognition in gated viewer images fused with thermal IR images. Information Fusion, 2014, 18, 131-147.	19.1	14
36	Multiple-instance learning as a classifier combining problem. Pattern Recognition, 2013, 46, 865-874.	8.1	40

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37	The Link between Multiple-Instance Learning and Learning from Only Positive and Unlabelled Examples. Lecture Notes in Computer Science, 2013, , 157-166.	1.3	2
38	Shape-based Assessment of Vertebral Fracture Risk in Postmenopausal Women Using Discriminative Shape Alignment. Academic Radiology, 2012, 19, 446-454.	2.5	2
39	Nearest neighbor-based importance weighting. , 2012, , .		19
40	The Dipping Phenomenon. Lecture Notes in Computer Science, 2012, , 310-317.	1.3	7
41	Information theoretic preattentive saliency: A closed-form solution. , 2011, , .		0
42	SEDMI: Saliency based edge detection in multispectral images. Image and Vision Computing, 2011, 29, 546-556.	4.5	7
43	The Improbability of Harris Interest Points. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 1141-1147.	13.9	31
44	Constrained Parameter Estimation for Semi-supervised Learning: The Case of the Nearest Mean Classifier. Lecture Notes in Computer Science, 2010, , 291-304.	1.3	11
45	Quantitative comparison of spot detection methods in live-cell fluorescence microscopy imaging. , 2009, , .		10
46	Bicycle chain shape models. , 2009, , .		7
47	Discriminative Shape Alignment. Lecture Notes in Computer Science, 2009, 21, 459-466.	1.3	4
48	Bicycle chain shape models. , 2009, , .		2
49	Second Order Structure of Scale-Space Measurements. Journal of Mathematical Imaging and Vision, 2008, 31, 207-220.	1.3	5
50	On Distributional Assumptions and Whitened Cosine Similarities. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1114-1115.	13.9	4
51	Localized Maximum Entropy Shape Modelling. , 2007, 20, 619-629.		6
52	Segmentation of anatomical structures in chest radiographs using supervised methods: a comparative study on a public database. Medical Image Analysis, 2006, 10, 19-40.	11.6	433
53	A computer-aided diagnosis system for detection of lung nodules in chest radiographs with an evaluation on a public database. Medical Image Analysis, 2006, 10, 247-258.	11.6	134
54	Segmentation of the posterior ribs in chest radiographs using iterated contextual pixel classification. IEEE Transactions on Medical Imaging, 2006, 25, 602-611.	8.9	76

#	ARTICLE	IF	CITATIONS
55	Dimensionality reduction of image features using the canonical contextual correlation projection. Pattern Recognition, 2005, 38, 2409-2418.	8.1	14
56	The MDF discrimination measure: Fisher in disguise. Neural Networks, 2004, 17, 563-566.	5.9	0
57	Static posterior probability fusion for signal detection: applications in the detection of interstitial diseases in chest radiographs. , 2004, , .		2
58	Linear dimensionality reduction via a heteroscedastic extension of LDA: the Chernoff criterion. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 732-739.	13.9	248