

Marco Loog

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3017195/publications.pdf>

Version: 2024-02-01

58
papers

2,002
citations

430874

18
h-index

276875

41
g-index

61
all docs

61
docs citations

61
times ranked

2029
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmentation of anatomical structures in chest radiographs using supervised methods: a comparative study on a public database. <i>Medical Image Analysis</i> , 2006, 10, 19-40.	11.6	433
2	A Review of Domain Adaptation without Target Labels. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021, 43, 766-785.	13.9	267
3	Linear dimensionality reduction via a heteroscedastic extension of LDA: the Chernoff criterion. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2004, 26, 732-739.	13.9	248
4	A computer-aided diagnosis system for detection of lung nodules in chest radiographs with an evaluation on a public database. <i>Medical Image Analysis</i> , 2006, 10, 247-258.	11.6	134
5	Multiple instance learning with bag dissimilarities. <i>Pattern Recognition</i> , 2015, 48, 264-275.	8.1	99
6	Diagnostic classification of arterial spin labeling and structural MRI in presenile early stage dementia. <i>Human Brain Mapping</i> , 2014, 35, 4916-4931.	3.6	80
7	A benchmark and comparison of active learning for logistic regression. <i>Pattern Recognition</i> , 2018, 83, 401-415.	8.1	79
8	Segmentation of the posterior ribs in chest radiographs using iterated contextual pixel classification. <i>IEEE Transactions on Medical Imaging</i> , 2006, 25, 602-611.	8.9	76
9	PRECISE: a domain adaptation approach to transfer predictors of drug response from pre-clinical models to tumors. <i>Bioinformatics</i> , 2019, 35, i510-i519.	4.1	53
10	Contrastive Pessimistic Likelihood Estimation for Semi-Supervised Classification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2016, 38, 462-475.	13.9	41
11	Multiple-instance learning as a classifier combining problem. <i>Pattern Recognition</i> , 2013, 46, 865-874.	8.1	40
12	Dissimilarity-Based Ensembles for Multiple Instance Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 1379-1391.	11.3	37
13	A variance maximization criterion for active learning. <i>Pattern Recognition</i> , 2018, 78, 358-370.	8.1	34
14	The Improbability of Harris Interest Points. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2010, 32, 1141-1147.	13.9	31
15	Single- vs. multiple-instance classification. <i>Pattern Recognition</i> , 2015, 48, 2831-2838.	8.1	30
16	Semi-Supervised Nearest Mean Classification Through a Constrained Log-Likelihood. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015, 26, 995-1006.	11.3	23
17	A brief prehistory of double descent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10625-10626.	7.1	22
18	On classification with bags, groups and sets. <i>Pattern Recognition Letters</i> , 2015, 59, 11-17.	4.2	20

#	ARTICLE	IF	CITATIONS
19	Nearest neighbor-based importance weighting. , 2012, , .		19
20	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
21	Dimensionality reduction of image features using the canonical contextual correlation projection. Pattern Recognition, 2005, 38, 2409-2418.	8.1	14
22	Semi-hidden target recognition in gated viewer images fused with thermal IR images. Information Fusion, 2014, 18, 131-147.	19.1	14
23	Implicitly Constrained Semi-supervised Least Squares Classification. Lecture Notes in Computer Science, 2015, , 158-169.	1.3	14
24	Single shot active learning using pseudo annotators. Pattern Recognition, 2019, 89, 22-31.	8.1	13
25	Respecting Domain Relations: Hypothesis Invariance for Domain Generalization. , 2021, , .		12
26	Robust semi-supervised least squares classification by implicit constraints. Pattern Recognition, 2017, 63, 115-126.	8.1	11
27	Supervised Classification: Quite a Brief Overview. , 2018, , 113-145.		11
28	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
29	Quantitative comparison of spot detection methods in live-cell fluorescence microscopy imaging. , 2009, , .		10
30	Projected estimators for robust semi-supervised classification. Machine Learning, 2017, 106, 993-1008.	5.4	8
31	Bicycle chain shape models. , 2009, , .		7
32	SEDMI: Saliency based edge detection in multispectral images. Image and Vision Computing, 2011, 29, 546-556.	4.5	7
33	Implicitly Constrained Semi-supervised Linear Discriminant Analysis. , 2014, , .		7
34	The Dipping Phenomenon. Lecture Notes in Computer Science, 2012, , 310-317.	1.3	7
35	Localized Maximum Entropy Shape Modelling. , 2007, 20, 619-629.		6
36	Second Order Structure of Scale-Space Measurements. Journal of Mathematical Imaging and Vision, 2008, 31, 207-220.	1.3	5

#	ARTICLE	IF	CITATIONS
37	Optimistic semi-supervised least squares classification. , 2016, , .		5
38	Nuclear discrepancy for single-shot batch active learning. Machine Learning, 2019, 108, 1561-1599.	5.4	5
39	On Distributional Assumptions and Whitenened Cosine Similarities. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1114-1115.	13.9	4
40	An empirical investigation into the inconsistency of sequential active learning. , 2016, , .		4
41	A soft-labeled self-training approach. , 2016, , .		4
42	ReproducedPapers.org: Openly Teaching and Structuring Machine Learning Reproducibility. Lecture Notes in Computer Science, 2021, , 3-11.	1.3	4
43	Discriminative Shape Alignment. Lecture Notes in Computer Science, 2009, 21, 459-466.	1.3	4
44	Gaussian process variance reduction by location selection. Pattern Recognition Letters, 2019, 125, 727-734.	4.2	3
45	A dissimilarity-based multiple instance learning approach for protein remote homology detection. Pattern Recognition Letters, 2019, 128, 231-236.	4.2	3
46	Making Learners (More) Monotone. Lecture Notes in Computer Science, 2020, , 535-547.	1.3	3
47	Static posterior probability fusion for signal detection: applications in the detection of interstitial diseases in chest radiographs. , 2004, , .		2
48	Shape-based Assessment of Vertebral Fracture Risk in Postmenopausal Women Using Discriminative Shape Alignment. Academic Radiology, 2012, 19, 446-454.	2.5	2
49	Effects of sampling skewness of the importance-weighted risk estimator on model selection. , 2018, , .		2
50	The Peaking Phenomenon in Semi-supervised Learning. Lecture Notes in Computer Science, 2016, , 299-309.	1.3	2
51	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
52	Bicycle chain shape models. , 2009, , .		2
53	A Distribution Dependent and Independent Complexity Analysis of Manifold Regularization. Lecture Notes in Computer Science, 2020, , 326-338.	1.3	1
54	To Actively Initialize Active Learning. Pattern Recognition, 2022, 131, 108836.	8.1	1

#	ARTICLE	IF	CITATIONS
55	The MDF discrimination measure: Fisher in disguise. Neural Networks, 2004, 17, 563-566.	5.9	0
56	Information theoretic preattentive saliency: A closed-form solution. , 2011, , .		0
57	Bayesian Active Learning for Maximal Information Gain on Model Parameters. , 2021, , .		0
58	Robust domain-adaptive discriminant analysis. Pattern Recognition Letters, 2021, 148, 107-113.	4.2	0