

Asja Fischer

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,410
citations

623188

14
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

1284
citing authors

#	ARTICLE	IF	CITATIONS
1	Training restricted Boltzmann machines: An introduction. Pattern Recognition, 2014, 47, 25-39.	5.1	361
2	An Introduction to Restricted Boltzmann Machines. Lecture Notes in Computer Science, 2012, , 14-36.	1.0	306
3	Neural Network-based Question Answering over Knowledge Graphs on Word and Character Level. , 2017, , .		174
4	Difference Target Propagation. Lecture Notes in Computer Science, 2015, , 498-515.	1.0	98
5	Machine Learning in Chemical Engineering: A Perspective. Chemie-Ingenieur-Technik, 2021, 93, 2029-2039.	0.4	87
6	STDP-Compatible Approximation of Backpropagation in an Energy-Based Model. Neural Computation, 2017, 29, 555-577.	1.3	56
7	Learning to Rank Query Graphs for Complex Question Answering over Knowledge Graphs. Lecture Notes in Computer Science, 2019, , 487-504.	1.0	46
8	Incorporating Literals into Knowledge Graph Embeddings. Lecture Notes in Computer Science, 2019, , 347-363.	1.0	41
9	Bounding the Bias of Contrastive Divergence Learning. Neural Computation, 2011, 23, 664-673.	1.3	38
10	Pretrained Transformers for Simple Question Answering over Knowledge Graphs. Lecture Notes in Computer Science, 2019, , 470-486.	1.0	31
11	Bringing Light Into the Dark: A Large-Scale Evaluation of Knowledge Graph Embedding Models Under a Unified Framework. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 8825-8845.	9.7	30
12	Empirical Analysis of the Divergence of Gibbs Sampling Based Learning Algorithms for Restricted Boltzmann Machines. Lecture Notes in Computer Science, 2010, , 208-217.	1.0	28
13	Mimicking the radiologistsâ€™ workflow: Estimating pediatric hand bone age with stacked deep neural networks. Medical Image Analysis, 2020, 64, 101743.	7.0	25
14	The flip-the-state transition operator for restricted Boltzmann machines. Machine Learning, 2013, 93, 53-69.	3.4	16
15	Training Restricted Boltzmann Machines. KI - Kunstliche Intelligenz, 2015, 29, 441-444.	2.2	15
16	Introduction to neural networkâ€¢based question answering over knowledge graphs. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2021, 11, e1389.	4.6	12
17	A bound for the convergence rate of parallel tempering for sampling restricted Boltzmann machines. Theoretical Computer Science, 2015, 598, 102-117.	0.5	10
18	Graph-based predictable feature analysis. Machine Learning, 2017, 106, 1359-1380.	3.4	10

#	ARTICLE	IF	CITATIONS
19	Algorithms for estimating the partition function of restricted Boltzmann machines. Artificial Intelligence, 2020, 278, 103195.	3.9	9
20	Width of Minima Reached by Stochastic Gradient Descent is Influenced by Learning Rate to Batch Size Ratio. Lecture Notes in Computer Science, 2018, , 392-402.	1.0	7
21	Population-Contrastive-Divergence: Does consistency help with RBM training?. Pattern Recognition Letters, 2018, 102, 1-7.	2.6	5
22	Detecting Adversarial Examples for Speech Recognition via Uncertainty Quantification. , 0, , .		5