Asja Fischer

List of Publications by Year
in descending order

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	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
2	Introduction to neural network–based question answering over knowledge graphs. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2021, 11, e1389.	4.6	12
3	Machine Learning in Chemical Engineering: A Perspective. Chemie-Ingenieur-Technik, 2021, 93, 2029-2039.	0.4	87
4	Algorithms for estimating the partition function of restricted Boltzmann machines. Artificial Intelligence, 2020, 278, 103195.	3.9	9
5	Mimicking the radiologists' workflow: Estimating pediatric hand bone age with stacked deep neural networks. Medical Image Analysis, 2020, 64, 101743.	7.0	25
6	Incorporating Literals into Knowledge Graph Embeddings. Lecture Notes in Computer Science, 2019, , 347-363.	1.0	41
7	Pretrained Transformers for Simple Question Answering over Knowledge Graphs. Lecture Notes in Computer Science, 2019, , 470-486.	1.0	31
8	Learning to Rank Query Graphs for Complex Question Answering over Knowledge Graphs. Lecture Notes in Computer Science, 2019, , 487-504.	1.0	46
9	Population-Contrastive-Divergence: Does consistency help with RBM training?. Pattern Recognition Letters, 2018, 102, 1-7.	2.6	5
10	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
11	STDP-Compatible Approximation of Backpropagation in an Energy-Based Model. Neural Computation, 2017, 29, 555-577.	1.3	56
12	Graph-based predictable feature analysis. Machine Learning, 2017, 106, 1359-1380.	3.4	10
13	Neural Network-based Question Answering over Knowledge Graphs on Word and Character Level. , 2017, , .		174
14	Training Restricted Boltzmann Machines. KI - Kunstliche Intelligenz, 2015, 29, 441-444.	2.2	15
15	Difference Target Propagation. Lecture Notes in Computer Science, 2015, , 498-515.	1.0	98
16	A bound for the convergence rate of parallel tempering for sampling restricted Boltzmann machines. Theoretical Computer Science, 2015, 598, 102-117.	0.5	10
17	Training restricted Boltzmann machines: An introduction. Pattern Recognition, 2014, 47, 25-39.	5.1	361
18	The flip-the-state transition operator for restricted Boltzmann machines. Machine Learning, 2013, 93, 53-69.	3.4	16

#	Article	IF	Citations
19	An Introduction to Restricted Boltzmann Machines. Lecture Notes in Computer Science, 2012, , 14-36.	1.0	306
20	Bounding the Bias of Contrastive Divergence Learning. Neural Computation, 2011, 23, 664-673.	1.3	38
21	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
22	Detecting Adversarial Examples for Speech Recognition via Uncertainty Quantification. , 0, , .		5