Jason Weston

List of Publications by Year
in descending order

22 papers	14,710 citations	471509 17 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	18960 citing authors

#	Article	IF	Citations
1	Deep Learning for Character-Based Information Extraction. Lecture Notes in Computer Science, 2014, , 668-674.	1.3	14
2	Open Question Answering with Weakly Supervised Embedding Models. Lecture Notes in Computer Science, 2014, , 165-180.	1.3	204
3	Learning semantic representations of objects and their parts. Machine Learning, 2014, 94, 281-301.	5.4	8
4	A semantic matching energy function for learning with multi-relational data. Machine Learning, 2014, 94, 233-259.	5.4	463
5	Direct Maximization of Protein Identifications from Tandem Mass Spectra. Molecular and Cellular Proteomics, 2012, 11, M111.012161.	3.8	25
6	A Unified Multitask Architecture for Predicting Local Protein Properties. PLoS ONE, 2012, 7, e32235.	2.5	48
7	Detecting Remote Evolutionary Relationships among Proteins by Large-Scale Semantic Embedding. PLoS Computational Biology, 2011, 7, e1001047.	3.2	24
8	Learning to rank with (a lot of) word features. Information Retrieval, 2010, 13, 291-314.	2.0	89
9	Large scale image annotation: learningÂtoÂrank withÂjoint word-image embeddings. Machine Learning, 2010, 81, 21-35.	5.4	268
10	A User's Guide to Support Vector Machines. Methods in Molecular Biology, 2010, 609, 223-239.	0.9	507
11	Supervised semantic indexing. , 2009, , .		55
12	R<scp>ankprop</scp>: a web server for protein remote homology detection. Bioinformatics, 2009, 25, 121-122.	4.1	26
13	Improvements to the Percolator Algorithm for Peptide Identification from Shotgun Proteomics Data Sets. Journal of Proteome Research, 2009, 8, 3737-3745.	3.7	251
14	A unified architecture for natural language processing. , 2008, , .		3,133
15	Semi-supervised learning for peptide identification from shotgun proteomics datasets. Nature Methods, 2007, 4, 923-925.	19.0	2,010
16	Embedded Methods. Studies in Fuzziness and Soft Computing, 2006, , 137-165.	0.8	146
17	Protein Ranking by Semi-Supervised Network Propagation. BMC Bioinformatics, 2006, 7, S10.	2.6	29
18	Identifying remote protein homologs by network propagation. FEBS Journal, 2005, 272, 5119-5128.	4.7	27

#	Article	IF	Citations
19	Motif-based protein ranking by network propagation. Bioinformatics, 2005, 21, 3711-3718.	4.1	22
20	Protein ranking: From local to global structure in the protein similarity network. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6559-6563.	7.1	109
21	Dealing with large diagonals in kernel matrices. Annals of the Institute of Statistical Mathematics, 2003, 55, 391-408.	0.8	23
22	Gene Selection for Cancer Classification using Support Vector Machines. Machine Learning, 2002, 46, 389-422.	5.4	7,229