

Brian Roark

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

605
citations

11
h-index

17
g-index

17
ext. papers

700
ext. citations

2.5
avg, IF

3.76
L-index

#	Paper	IF	Citations
17	Applications of Lexicographic Semirings to Problems in Speech and Language Processing. <i>Computational Linguistics</i> , 2014 , 40, 733-761	2.8	1
16	Spoken Language Derived Measures for Detecting Mild Cognitive Impairment. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2011 , 19, 2081-2090		145
15	Discriminative Language Modeling With Linguistic and Statistically Derived Features. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2011 ,		6
14	Syntactic and sub-lexical features for Turkish discriminative language models 2010 ,		5
13	Discriminative n-gram language modeling. <i>Computer Speech and Language</i> , 2007 , 21, 373-392	2.8	77
12	Putting Linguistics into Speech Recognition: The Regulus Grammar Compiler Manny Rayner, Beth Ann Hockey, and Pierette Bouillon (NASA Ames Research Center and University of Geneva) Stanford, CA: CSLI Publications (CSLI studies in computational linguistics, edited by Ann Copestake), 2006, xiv+305 pp; hardbound, ISBN 1-57586-525-4, \$65.00; paperbound, ISBN 1-57586-526-2, \$25.00. <i>Computational Linguistics</i> 2007 , 33, 271-273	2.8	
11	MAP adaptation of stochastic grammars. <i>Computer Speech and Language</i> , 2006 , 20, 41-68	2.8	19
10	Discriminative syntactic language modeling for speech recognition 2005 ,		31
9	Robust garden path parsing. <i>Natural Language Engineering</i> , 2004 , 10, 1-24	1.1	15
8	Incremental parsing with the perceptron algorithm 2004 ,		57
7	Discriminative language modeling with conditional random fields and the perceptron algorithm 2004 ,		41
6	Language model adaptation with MAP estimation and the perceptron algorithm 2004 ,		13
5	Supervised and unsupervised PCFG adaptation to novel domains 2003 ,		32
4	Generalized algorithms for constructing statistical language models 2003 ,		37
3	Probabilistic Top-Down Parsing and Language Modeling. <i>Computational Linguistics</i> , 2001 , 27, 249-276	2.8	122
2	Compact non-left-recursive grammars using the selective left-corner transform and factoring 2000 ,		2
1	A Survey of Discriminative Language Modeling Approaches for Large Vocabulary Continuous Speech Recognition 115-137		2

