

Brian Roark

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,159
citations

1478280

6
h-index

1588896

8
g-index

17
all docs

17
docs citations

17
times ranked

635
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Spoken Language Derived Measures for Detecting Mild Cognitive Impairment. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 2081-2090. | 3.8 | 246 |
| 2 | Probabilistic Top-Down Parsing and Language Modeling. Computational Linguistics, 2001, 27, 249-276. | 2.5 | 212 |
| 3 | Incremental parsing with the perceptron algorithm. , 2004, , . | | 183 |
| 4 | Discriminative n-gram language modeling. Computer Speech and Language, 2007, 21, 373-392. | 2.9 | 124 |
| 5 | Discriminative language modeling with conditional random fields and the perceptron algorithm. , 2004, , . | | 85 |
| 6 | Generalized algorithms for constructing statistical language models. , 2003, , . | | 75 |
| 7 | Discriminative syntactic language modeling for speech recognition. , 2005, , . | | 54 |
| 8 | Supervised and unsupervised PCFG adaptation to novel domains. , 2003, , . | | 49 |
| 9 | MAP adaptation of stochastic grammars. Computer Speech and Language, 2006, 20, 41-68. | 2.9 | 44 |
| 10 | Robust garden path parsing. Natural Language Engineering, 2004, 10, 1-24. | 2.1 | 28 |
| 11 | Language model adaptation with MAP estimation and the perceptron algorithm. , 2004, , . | | 19 |
| 12 | Discriminative Language Modeling with Linguistic and Statistically Derived Features. IEEE Transactions on Audio Speech and Language Processing, 2011, , . | 3.8 | 15 |
| 13 | Syntactic and sub-lexical features for Turkish discriminative language models. , 2010, , . | | 9 |
| 14 | Compact non-left-recursive grammars using the selective left-corner transform and factoring. , 2000, , . | | 9 |
| 15 | Applications of Lexicographic Semirings to Problems in Speech and Language Processing. Computational Linguistics, 2014, 40, 733-761. | 2.5 | 4 |
| 16 | A Survey of Discriminative Language Modeling Approaches for Large Vocabulary Continuous Speech Recognition. , 0, , 115-137. | | 2 |
| 17 | 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. Computational Linguistics, 2007, 33, 271-273. | 2.5 | 1 |