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## Parsing with Compositional **Vector** Grammars

Richard Socher, John Bauer, Christopher D. Manning, Andrew Y. Ng • ACL • 2013

Natural language parsing has typically been done with small sets of discrete categories such as NP and VP, but this representation does not capture the full syntactic nor semantic richness of... [\(More\)](#)

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## Support **vector** machine approach for protein subcellular localization prediction

Sujun Hua, Zhirong Sun • Bioinformatics • 2001

MOTIVATION Subcellular localization is a key functional characteristic of proteins. A fully automatic and reliable prediction system for protein subcellular localization is needed, especially for the... [\(More\)](#)

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## Learning Sentiment-Specific **Word** Embedding for Twitter Sentiment Classification

Duyu Tang, Furu Wei, Nan Yang, Ming Zhou, Ting Liu, Bing Qin • ACL • 2014

We present a method that learns **word** embedding for Twitter sentiment classification in this paper. Most existing algorithms for learning continuous **word** representations typically only model the... [\(More\)](#)

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## Support **Vector** Machine Active Learning with Applications to Text Classification

Simon Tong, Daphne Koller • Journal of Machine Learning Research • 2001

Support **vector** machines have met with significant success in numerous real-world learning tasks. However, like most machine learning algorithms, they are generally applied using a randomly selected... [\(More\)](#)

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