

- Sparkes, B. (1996). *The Red and the Black: Studies in Greek Pottery*. Routledge. 1
- Spitkovsky, V. I., Alshawy, H., and Jurafsky, D. (2010). From baby steps to leapfrog: how “less is more” in unsupervised dependency parsing. In *HLT’10*. 328
- Squire, W. and Trapp, G. (1998). Using complex variables to estimate derivatives of real functions. *SIAM Rev.*, 40(1), 110–112. 439
- Srebro, N. and Shraibman, A. (2005). Rank, trace-norm and max-norm. In *Proceedings of the 18th Annual Conference on Learning Theory*, pages 545–560. Springer-Verlag. 238
- Srivastava, N. (2013). *Improving Neural Networks With Dropout*. Master’s thesis, U. Toronto. 535
- Srivastava, N. and Salakhutdinov, R. (2012). Multimodal learning with deep Boltzmann machines. In *NIPS’2012*. 541
- Srivastava, N., Salakhutdinov, R. R., and Hinton, G. E. (2013). Modeling documents with deep Boltzmann machines. *arXiv preprint arXiv:1309.6865*. 663
- Srivastava, N., Hinton, G., Krizhevsky, A., Sutskever, I., and Salakhutdinov, R. (2014). Dropout: A simple way to prevent neural networks from overfitting. *Journal of Machine Learning Research*, 15, 1929–1958. 258, 265, 267, 672
- Srivastava, R. K., Greff, K., and Schmidhuber, J. (2015). Highway networks. *arXiv:1505.00387*. 326
- Steinkrau, D., Simard, P. Y., and Buck, I. (2005). Using GPUs for machine learning algorithms. *2013 12th International Conference on Document Analysis and Recognition*, 0, 1115–1119. 445
- Stoyanov, V., Ropson, A., and Eisner, J. (2011). Empirical risk minimization of graphical model parameters given approximate inference, decoding, and model structure. In *Proceedings of the 14th International Conference on Artificial Intelligence and Statistics (AISTATS)*, volume 15 of *JMLR Workshop and Conference Proceedings*, pages 725–733, Fort Lauderdale. Supplementary material (4 pages) also available. 674, 698
- Sukhbaatar, S., Szlam, A., Weston, J., and Fergus, R. (2015). Weakly supervised memory networks. *arXiv preprint arXiv:1503.08895*. 418
- Supancic, J. and Ramanan, D. (2013). Self-paced learning for long-term tracking. In *CVPR’2013*. 328
- Sussillo, D. (2014). Random walks: Training very deep nonlinear feed-forward networks with smart initialization. *CoRR*, abs/1412.6558. 290, 303, 305, 403
- Sutskever, I. (2012). *Training Recurrent Neural Networks*. Ph.D. thesis, Department of computer science, University of Toronto. 406, 413