Bibliography:

1. Bickel, P.J., Ritov, Y. and Tsybakov, A.B. (2009) Simultaneous analysis of Lasso and Dantzig selector. Annals of Statistics, 37, 1705-1732

2. Bunea, F., Tsybakov, A.B. and Wegkamp, M.H. (2007) Aggregation for Gaussian regression. Annals of Statistics, 35, 1674–1697.

3. Bunea, F., Tsybakov, A.B. and Wegkamp, M.H. (2007) Sparsity oracle inequalities for the Lasso. Electron. J. Stat., 1, 169–194.

4. Candès, E. and Tao, T. (2007) The Dantzig selector: statistical estimation when p is much larger than n. Annals of Statistics, 35, 2313–2351.

5. Dalalyan, A. and Tsybakov, A.B. (2008) Aggregation by exponential weighting, sharp oracle inequalities and sparsity. Machine Learning, 72, 39–61.

6. Dalalyan, A. and Tsybakov, A.B. (2009) Sparse regression learning by aggregation and Langevin Monte-Carlo. COLT-2009 (arXiv:0903.1223)

7. Donoho, D.L. (2006) Compressed sensing. IEEE Transactions on Information Theory, 52, 1289-1306.

8. Juditsky, A. and Nemirovski, A. (2008) On verifiable sufficient conditions for sparse signal recovery via L1 minimization. arXiv :0809.2650

9. Koltchinskii, V. (2008) Oracle Inequalities in Empirical Risk Minimization and Sparse Recovery Problems. Saint Flour Lecture Notes. http://fodava.gatech.edu/files/reports/FODAVA-09-17.pdf

10. Lounici, K.(2008) Sup-norm convergence rate and sign concentration property of Lasso and Dantzig estimators. Electron. J. Statist., 2, 90-102.

11. Lounici, K.(2009) Estimation statistique en grande dimension, parcimonie at inégalités d'oracle. PhD Thesis, University of Paris 7.

12. Meinshausen, N. and Bühlmann, P. (2006) High-dimensional graphs and variable selection with the Lasso. Annals of Statistics, 34, 1436-1462.

13. Rosenbaum, M. and Tsybakov, A.B. (2009) Sparse recovery under matrix uncertainty. arXiv:0812.2818

14. van de Geer, S. (2008) High-dimensional generalized linear models and the Lasso. Annals of Statistics, 2, 614–645.

15. Zhao, P. and Yu, B. (2006) On model selection consistency of Lasso. J. of Machine Learning Research, 7, 2541–2563.