General theory of Subfactors:

1. V. Jones, Index for subfactors, Invent. Math. **72** (1983), 1–25.
2. F. Goodman, P. de la Harpe, V. Jones, *Coxeter Graphs and Towers of Algebras*, Springer
3. S. Popa, *Classification of Subfactors and Their Endomorphisms*, CBMS-AMS Lecture Series
4. V. Jones, *Planar Algebras*, https://arxiv.org/abs/math/9909027

Reconstructing subfactors from their standard invariant:

1. S. Popa, *An axiomatization of the lattice of higher relative commutants of a subfactor*. Invent. Math. **120** (1995), 427-445

2. S. Popa and D. Shlyakhtenko, *Universal properties of $L(\mathbb{F}_\infty)$ in subfactor theory*. Acta Math. **191** (2003), 225-257.

3. Guionnet, A., Jones, V.F.R., Shlyakhtenko, D.: *Random matrices, free probability, planar algebras and subfactors*. Quanta of Maths, Clay Mathematics Proceedings, AMS, pp 201–239 (2010)

4. V. Jones, D. Shlyakhtenko, K. Walker, *An orthogonal approach to the subfactor of a planar algebra*, Pacific J. Math, **246** (2010) 187–197.

5. S. Curran, Y. Dabrowski, D. Shlyakhtenko, *Free analysis and planar algebras*, https://arxiv.org/abs/1411.0268

6. D. Shlyakhtenko, *Free probability, Planar algebras, Subfactors and Random Matrices*, Proceedings ICM 2010.

Random matrices:

1. G. 't Hooft, *A planar diagram theory for strong interactions*, Nuclear Phys. B., (1972), pp. 461–473.

2. G. Anderson, A. Guionnet, O. Zeitouni, *An Introduction to Random Matrices*, Cambridge Studies in Advanced Mathematics

3. P. Zinn-Justin, *Some Matrix Integrals related to Knots and Links*, https://arxiv.org/pdf/math-ph/9910010.pdf

4. A. Guionnet, E. Maurel Segala, *Combinatorial aspects of matrix models*, ALEA Lat. Am. J. Probab. Math. Stat. 1 (2006), 241--279.

5. A. Guionnet, V. F. R. Jones, D. Shlyakhtenko, and P. Zinn-Justin, *Loop models, random matrices and planar algebras*, Comm. Math. Phys., 316 (2012), pp. 45–97.