1. Guangyu Zhu and Jiahua Chen (2017). Multi-parameter One-Sided Monitoring Tests Accepted (Aug 9) by *Technometrics*.
   DOI: 10.1080/00401706.2017.1371081
   http://dx.doi.org/10.1080/00401706.2017.1371081

2. Khalili, A., Chen, J. and Stephens, D. A. (2017). "Regularization in regime-switching Gaussian autoregressive models". *Canadian Journal of Statistics*. Accepted.

3. Chen, J. (2017). "On finite mixture models". *Statistical Theory and Related Fields*, **1**, 15-27.

   http://www.tandfonline.com/eprint/PVJDdfX22FGShnugeRBP/full

4. Chen, J. (2017). "Consistency of the MLE under mixture models". *Statistical Science*, **32**, 47–63.

5. Cai, S., Chen, J., and Zidek, J. V. (2017). "Hypothesis testing in the presence of multiple samples under density ratio models". *Statistica Sinica*. **27**, 716–783.
   doi: http://dx.doi.org/10.5705/ss.2-14.168
   http://www3.stat.sinica.edu.tw/statistica/oldpdf/A27n214.pdf

6. Cai, S. and Chen, J. (2016). Empirical Likelihood Inference Under Density Ratio Models Based on Type I Censored Samples: Hypothesis Testing and Quantile Estimation. *Advanced Statistical Methods in Data Science*, 123–151.

7. Khalili, A., Chen, J. and Stephens (2016) Regularization in Regime-Switching Gaussian Autoregressive Models *Advanced Statistical Methods in Data Science*, 13-34

8. Chen, J., Li, S.T. and Tan, X. M. (2016). "Consistency of the penalized MLE for two-parameter gamma mixture models". *Science China: Mathematics*. **59**. 2301–2318.
   10.1007/s11425-016-0125-0;
   http://link.springer.com/article/10.1007/s11425-016-0125-0

9. Yu, X., Chen, J. and Brant, R. (2016). "Sequential Design for Binary Dose–Response Experiments". *Journal of Statistical Planning and Inferences*. **177**, Oct. 64–73.
   10.1016/j.jspi.2016.04.005

10. Poh, C., Anderson, D.W., Durham, J. S. **Chen**, J. Berean, K. W., MacAulay, C. E., Rosin, M. P. (2016). "Fluorescence visualization–guided surgery for early-stage oral cancer". *JAMA Otolaryngology–Head & Neck Surgery* **142** (3), 209–216. DOI: 10.1001/jamaoto.2015.3211.

11. Chen, J., Li, P. and Liu Y. (2016). "Sample-size calculation for tests of homogeneity". *The Canadian Journal of Statistics*. **44**, 82–101. DOI: 10.1002/cjs.11274.

12. Chen, J., Huang*, Y. and Wang, Peiming (2016). "Composite likelihood under hidden Markov model". *Statistica Sinica*. **26** 1569–1586. DOI:10.5705/ss.2013.084t.

13. Chen, J. and Li, P. (2016). "Testing the order of a normal mixture in mean". *Communications in Mathematics and Statistics*. **4**, 21–38.

14. Li*, S. T. and Chen, J. (2015). "Test for Homogeneity under Gamma Mixture Model". *Journal of Systems and Mathematical Sciences*. **35**, 1418–1435.

15. Chen, J. (2015). "The Joy of Proofs in Statistical Research". *The Canadian Journal of Statistics*. **43**, 481–497.

16. Wang, L, Chen, J. and Pu, Xiaolong (2015). "Adjusted Empirical Likelihood with High-order Precision through Resampling". *The Canadian Journal of Statistics*. **43**, 42–59.

17. Xu*, C., Chen, J. (2015) "A Thresholding Algorithm for Order Selection in Finite Mixture Models". *Communications in Statistics - Simulation and Computation*. **44**, 433-453.

18. Li, S., Chen, J., Guo, J. Jing, B.Y., Tsang, S.Y. and Xue, H. (2015). "Likelihood Ratio Test for Multi-Sample Mixture Model and its Application to Genetic Imprinting". *The Journal of American Statistical Association*. **110**, 867–877.

19. Liu, Y., Chen, J, and Li, T. (2014). "Level-specific correction for nonparametric likelihoods". *Journal of Nonparametric Statistics*. **26** 433–449.

20. Xu*, C. and Chen, J. (2014). "The Sparse MLE for Variable Screening in Ultra-High-Dimensional Feature Space". *The Journal of American Statistical Association*. **109**, 1257–1269.

21. Chen, J. and Liu, Y. (2013). "Quantile and quantile function estimations under density ratio model". *the Annuals of Statistics*. **41** 3. 1669-1692.

22. Xu*, C., Chen, J. and Mantel H. (2013). "Pseudo-Likelihood-Based Bayesian Information Criterion in Analysis of Survey Data". *Survey Methodology* **39**, 303-321.

23. Zou*, W. and Chen, J. (2013). "Markov regime-switching model in crude oil market: Comparison of composite likelihood and full likelihood". *Canadian Journal of Statistics*. **41** 353-367.

24. Chen, J. (2013). "A Partial Order on Uncertainty and Information". *Journal of Theoretical Probability*. **26**, 349-359.
http://www.springerlink.com/content/n5831n104562x41n/

25. Chen, J. and Huang*, Y. (2012). "Finite-sample properties of the adjusted empirical likelihood". *Journal of Nonparametric Statistics*. **25** 147-159.

26. Shangari*, D. and Chen, J. (2012). "Partial Monotonicty of Entropy Measures". *Statistics and Probability Letters*. **82**, 1935-1940.

27. Chen, J., Li, P., and Fu, Y. (2012). "Inference on the order of a normal mixture". *The Journal of American Statistical Association*. **107**, 1096-1105.

28. Chen, J. and Liu, L. (2012). "Adjusted Empirical Likelihood with High-Order One-Sided Coverage Precision". *Statistics and its Interface*. **5**, 281-292.

29. Chen, J. and Chen Z. (2012). "Extended BIC for small-n-large-P sparse GLM". *Statistica Sinica*. **22**, 555-574.

30. Chen, J. and Li, P. (2011). "Tuning the EM-test for the order of finite mixture models". *The Canadian Journal of Statistics*. **39**, 389-404.

31. Li, X., Chen, J., Wu, Y. and Tu, D. (2011). "Constructing nonparametric likelihood confidence regions with high-order precisions". *Statistica Sinica*. **21**, 1767-1783.

32. Carrillo*, I.A., Chen, J. and Wu, C. B. (2011). "Pseudo-GEE Approach to Analyzing Longitudinal Surveys under Imputation for Missing Responses". *Journal of Official Statistics*. **27**, 255-277.

33. Khalili, A., Chen, J. and Lin, S. (2011). "Feature Selection in Finite Mixture of Sparse Normal Linear Models in High Dimensional Feature Space". *Biostatistics*. **12**, 156-172.

34. Carrillo*, I.A., Chen, J. and Wu, C. B. (2010). "The pseudo-GEE approach to the analysis of longitudinal surveys". *The Canadian Journal of Statistics*. **38**, 540-554.

35. Chen, H., Chen, J. and Chen, S. (2010). "Confidence Intervals for the Mean of a Population Containing Many Zero Values Under Unequal Probability Sampling". *The Canadian Journal of Statistics*. **38**, 582-597.

36. Chen, J., van Eeden, C. and Zidek, J. (2010). "Uncertainty and the Conditional Variance". *Probability and Statistics Letters*. **80**. 17641770
http://dx.doi.org/10.1016/j.spl.2010.07.021.

37. Li, P. and Chen, J. (2010). "Testing the order of a finite mixture". *The Journal of American Statistical Association*. **105**, 10841092

38. Cadigan, N. G. and Chen, J. (2010). "Simple kernel regression estimators with improved statistical properties". Journal of Statistical Theory and Practice. **4**, 1-25.

39. Variyath, M. A., Chen, J. and Abraham, B. (2010). "Empirical likelihood based variable selection". *Journal of Statistical Planning and Inferences*. **140**, 971-981

40. Liu*, Y. and Chen, J. (2010). "Adjusted Empirical Likelihood with High-Order Precision". *the Annals of Statistics*. **38**, 1341-1362.