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**Showcasing research from Professor She's laboratory,
School of Chemistry, Beijing University of Chinese
Medicine, Beijing, China.**

Machine learning-assisted data-driven optimization and understanding of the multiple stage process for extraction of polysaccharides and secondary metabolites from natural products

The researchers have developed a machine-learning assisted predicting and understanding methodology for a multiple objective process. This method uses data from conventional orthogonal experimental design for modelling, while this method's performance is better than the conventional optimizing method according to the various observations including the content of bioactive components and sustainable indicators.

As featured in:



See Gaimei She *et al.*, *Green Chem.*,
2023, **25**, 3057.