high throughput screening

	NCT Number	Title	Authors	Description	Identifier	Dates
1	pubmed:36116299	Rapid screening of antioxidant from natural products by AAPH-Incubating HPLC-DAD-HR MS/MS method: A case study of Gardenia jasminoides fruit	Guo-Dong Zhuang Wen-Ting Gu Shu-Hong Xu Dong-Min Cao Si-Min Deng Yong-Sheng Chen Shu-Mei Wang Dan Tang	A new AAPH-Incubating HPLC-DAD-HR MS/MS method was developed for the rapid and high-throughput screening of antioxidants directly in natural products and applied to Gardenia jasminoides fruit. This method was assumed that the peak areas of compounds with potential antioxidant activity in HPLC chromatograms would be significantly reduced or disappeared after incubating with the AAPH which can release ROO at physiological conditions (37 °C, pH 7.4). Additionally, the activity of antioxidants can...	pmid:36116299 doi:10.1016/j.foodchem.2022.134091	Sun, 18 Sep 2022 06:00:00 -0400
2	pubmed:36116691	Technology development to evaluate the effectiveness of viscosity reducing excipients	Niels Banik Stefan Braun Jan Gerit Brandenburg Gert Fricker Devendra S Kalonia Tobias Rosenkranz	Addition of pharmaceutical excipients is a commonly used approach to decrease the viscosity of highly concentrated protein formulations, which otherwise could not be subcutaneously injected or processed. The variety of protein-protein interactions, which are responsible for increased viscosities, makes a portfolio approach necessary. Screening of several excipients to develop such a portfolio is time and money consuming in industrial settings. Responsible protein-protein interactions were...	pmid:36116691 doi:10.1016/j.ijpharm.2022.122204	Sun, 18 Sep 2022 06:00:00 -0400