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Comparison of ultraviolet and refractive index detections in the HPLC analysis of sugars

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#	Paper	IF	Citations
23	Multiplex chroma-response based fluorescent smartphone sensing platform for rapid and visual quantitative determination of antibiotic residues. <i>Sensors and Actuators B: Chemical</i> , 2022 , 350, 130902	8.5	11
22	A novel, rapid and robust HPLC-ELSD method for simultaneous determination of fructose, glucose and sucrose in various food samples: Method development and validation. <i>Journal of Food Composition and Analysis</i> , 2022 , 107, 104400	4.1	3
21	On paper synthesis of multifunctional CeO nanoparticles@Fe-MOF composite as a multi-enzyme cascade platform for multiplex colorimetric detection of glucose, fructose, sucrose, and maltose.. <i>Biosensors and Bioelectronics</i> , 2022 , 207, 114184	11.8	2
20	A handheld 3D-printed microchip for simple integration of the HO-producing enzymatic reactions with subsequent chemiluminescence detection: Application for sugars.. <i>Food Chemistry</i> , 2022 , 383, 132469	8.5	0
19	Critical analytical review: Rare and recent applications of refractive index detector in HPLC chromatographic drug analysis. <i>Microchemical Journal</i> , 2022 , 178, 107339	4.8	4
18	A new green approach for the reduction of consumed solvents and simultaneous quality control analysis of several pharmaceuticals using a fast and economic RP-HPLC method; a case study for a mixture of piracetam, ketoprofen and omeprazole drugs. <i>RSC Advances</i> , 2022 , 12, 16301-16309	3.7	0
17	Synthesis of PVDF membrane loaded with wrinkled Au NPs for sensitive detection of R6G. <i>Talanta</i> , 2022 , 249, 123676	6.2	1
16	Analysis of the chemical composition of natural carbohydrates [An overview of methods. <i>Food Chemistry</i> , 2022 , 394, 133466	8.5	4
15	The Trend in Established Analytical Techniques in the Investigation of Physicochemical Properties and Various Constituents of Honey: a Review. <i>Food Analytical Methods</i> ,	3.4	1
14	Simple and cost-effective approaches for quantification of reducing sugar exploiting digital image analysis. <i>Journal of Food Composition and Analysis</i> , 2022 , 113, 104719	4.1	0
13	TMB-AgNPs@COF Based SERS Probe for the Rapid Detection of Glucose in Drinks. <i>Vibrational Spectroscopy</i> , 2022 , 103411	2.1	0
12	Honey Quality and Microplastic Migration from Food Packaging: A Potential Threat for Consumer Health?. 2022 , 1, 406-427		2
11	Honey adulteration detection based on composition and differential scanning calorimetry (DSC) parameters. 2022 , 168, 113910		2
10	Metabolomics during the spontaneous fermentation in cocoa (Theobroma cacao L.): An exploraty review. 2022 , 112190		1
9	Soluble Carbohydrates in Several Transylvanian Potato Cultivars. 2023 , 12, 70		0
8	Head-to-Head Comparison of High-Performance Liquid Chromatography versus Nuclear Magnetic Resonance for the Quantitative Analysis of Carbohydrates in Yiqi Fumai Lyophilized Injection. 2023 , 28, 765		0
7	The practice of application and features of the control of oligosaccharides in the production of specialized food products. A review. 2023 , 5, 353-360		0

- 6 Serum protein profile study of myocardial infarction using a LED induced fluorescence based HPLC system. **2023**, 1217, 123616 ○
- 5 Analysis of Sugars in Honey Samples by Capillary Zone Electrophoresis Using Fluorescence Detection. **2023**, 10, 150 ○
- 4 Bioactive mushroom polysaccharides: The structure, characterization and biological functions. **2022**, 45, 174-190 ○
- 3 Detection of honey adulteration using benchtop 1H NMR spectroscopy. **2023**, 15, 1690-1699 ○
- 2 A Validated HPLC-RID Method for Quantification and Optimization of Total Sugars: Fructose, Glucose, Sucrose, and Lactose in Eggless Mayonnaise. **2023**, 10, 199 ○
- 1 Yüksek Performanslı İyon Kromatografisi-Evaporatif İletken Dedektörü (HPLC-ELSD) aracılığıyla Bazı Ürünlerde Bulunan Glukoz, Fruktöz ve Sukrozün El Zamanı Olarak Miktarları Belirlenmesi. **2023**, 11, 990-997 ○