

Ismail Tarhan

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

158
citations

1307594

7
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative determination of free fatty acids in extra virgin olive oils by multivariate methods and Fourier transform infrared spectroscopy considering different absorption modes. <i>International Journal of Food Properties</i> , 2017, 20, S790-S797.	3.0	39
2	Application of central composite design for the optimization of on-line solid phase extraction of Cu ²⁺ by calix[4]arene bonded silica resin. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 146, 158-168.	3.5	28
3	A comparative study of ATR-FTIR, UV-visible and fluorescence spectroscopy combined with chemometrics for quantification of squalene in extra virgin olive oils. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 241, 118714.	3.9	15
4	A Chemometric Approach to Assess the Frying Stability of Cottonseed Oil Blends During Deep-Frying Process: I. Polar and Polymeric Compound Analyses. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2013, 90, 1179-1193.	1.9	13
5	A robust method for simultaneous quantification of eugenol, eugenyl acetate, and β -caryophyllene in clove essential oil by vibrational spectroscopy. <i>Phytochemistry</i> , 2021, 191, 112928.	2.9	12
6	Rapid determination of adulteration of clove essential oil with benzyl alcohol and ethyl acetate: Towards quality control analysis by FTIR with chemometrics. <i>Vibrational Spectroscopy</i> , 2022, 118, 103339.	2.2	11
7	Removal and Preconcentration of Cobalt Ions from Aqueous Media Using ImHA Packed Column by On-Line SPE System. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 3817-3830.	2.4	8
8	A chemometric study: Automated flow injection analysis method for the quantitative determination of humic acid in lignite. <i>Arabian Journal of Chemistry</i> , 2016, 9, 713-720.	4.9	8
9	A new HPLC method for simultaneous analysis of sterols, tocopherols, tocotrienols, and squalene in olive oil deodorizer distillates using a monolithic column with chemometric techniques. <i>Analytical Methods</i> , 2019, 11, 4681-4692.	2.7	6
10	A new and rapid analysis method for the most important herbal squalene source: Comparison of UV-visible, fluorescence, and FTIR techniques for the quantification of squalene in amaranth seed oil. <i>Microchemical Journal</i> , 2021, 168, 106446.	4.5	5
11	An in-depth chemometric study: Archaeometric characterization of ceramic shards excavated from the sanctuary of Hecate at Lagina in Muğla (Turkey) by FTIR spectroscopy and multivariate data analysis. <i>Vibrational Spectroscopy</i> , 2020, 111, 103172.	2.2	4
12	Multivariate Modeling for Quantifying Adulteration of Sunflower Oil with Low Level of Safflower Oil Using ATR-FTIR, UV-Visible, and Fluorescence Spectroscopies: A Comparative Approach. <i>Food Analytical Methods</i> , 2021, 14, 361-371.	2.6	4
13	Investigations of the ancient ceramic sherds excavated from Bâğcıbaşı site in Muğla, southwestern Turkey, by ATR-FTIR spectroscopy and statistical multivariate analysis. <i>Archaeometry</i> , 2021, 63, 296-311.	1.3	4
14	The study of Middle Bronze Age pottery from Yassıtepe Höyük site in İzmir, Turkey, by FTIR and XRD with chemometrics. <i>Journal of Archaeological Science: Reports</i> , 2022, 42, 103401.	0.5	0