

Jesus Villen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/475911/publications.pdf>

Version: 2024-02-01

28
papers

532
citations

567281

15
h-index

642732

23
g-index

28
all docs

28
docs citations

28
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid and Simultaneous Analysis of Free Sterols, Tocopherols, and Squalene in Edible Oils by Coupled Reversed-Phase Liquid Chromatography-Gas Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 1419-1422.	5.2	47
2	Automated determination of pesticide residues in olive oil by on-line reversed-phase liquid chromatography-gas chromatography using the through oven transfer adsorption-desorption interface with electron-capture and nitrogen-phosphorus detectors operating simultaneously. <i>Journal of Chromatography A</i> , 2007, 1174, 145-150.	3.7	44
3	Analysis of Wine Aroma by Direct Injection in Gas Chromatography without Previous Extraction. <i>Journal of Agricultural and Food Chemistry</i> , 1995, 43, 717-722.	5.2	39
4	Large Volume GC Injection for the Analysis of Organophosphorus Pesticides in Vegetables Using the Through Oven Transfer Adsorption-Desorption (TOTAD) Interface. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1997-2002.	5.2	38
5	Direct Analysis of Pesticide Residues in Olive Oil by On-Line Reversed Phase Liquid Chromatography-Gas Chromatography Using an Automated Through Oven Transfer Adsorption-Desorption (TOTAD) Interface. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 6098-6102.	5.2	36
6	Rapid Analysis of Free Erythrodiol and Uvaol in Olive Oils by Coupled Reversed Phase Liquid Chromatography-Gas Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 1027-1030.	5.2	35
7	Analysis of Unsaponifiable Compounds of Edible Oils by Automated On-Line Coupling Reversed-Phase Liquid Chromatography-Gas Chromatography Using the Through Oven Transfer Adsorption-Desorption Interface. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 6963-6968.	5.2	29
8	Large volume injection of water in gas chromatography-mass spectrometry using the Through Oven Transfer Adsorption-Desorption interface: Application to multiresidue analysis of pesticides. <i>Journal of Chromatography A</i> , 2010, 1217, 4738-4742.	3.7	28
9	Pesticide residue analysis by RPLC-GC in lycopene and other carotenoids obtained from tomatoes by supercritical fluid extraction. <i>Food Chemistry</i> , 2009, 113, 280-284.	8.2	25
10	Analysis of Pesticides in Nuts by Online Reversed-Phase Liquid Chromatography-Gas Chromatography Using the Through-Oven Transfer Adsorption/Desorption Interface. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5544-5549.	5.2	22
11	Analysis of wax esters in edible oils by automated on-line coupling liquid chromatography-gas chromatography using the through oven transfer adsorption-desorption (TOTAD) interface. <i>Journal of Chromatography A</i> , 2011, 1218, 4960-4965.	3.7	19
12	Wax ester composition of monovarietal olive oils from Designation of Origin (DO) of Campos de Hellin. <i>Food Chemistry</i> , 2011, 129, 71-76.	8.2	19
13	Analysis of free and esterified sterols in edible oils by online reversed phase liquid chromatography-gas chromatography (RPLC-GC) using the through oven transfer adsorption-desorption (TOTAD) interface. <i>Food Chemistry</i> , 2012, 135, 610-615.	8.2	19
14	Analysis of pesticide residues by on-line reversed-phase liquid chromatography-gas chromatography in the oil from olives grown in an experimental plot. <i>Journal of the Science of Food and Agriculture</i> , 2006, 86, 129-134.	3.5	18
15	On-line derivatization with on-line coupled normal phase liquid chromatography-gas chromatography using the through oven transfer adsorption-desorption interface: Application to the analysis of total sterols in edible oils. <i>Journal of Chromatography A</i> , 2012, 1256, 191-196.	3.7	15
16	Very large volume sample introduction in capillary gas chromatography using a programmed temperature injector for pesticide analysis. <i>Journal of Separation Science</i> , 1999, 11, 89-95.	1.0	14
17	Use of absorbent materials in on-line coupled reversed-phase liquid chromatography-gas chromatography via the through oven transfer adsorption-desorption interface. <i>Journal of Chromatography A</i> , 2008, 1211, 99-103.	3.7	14
18	Determination of organophosphorus and triazine pesticides in olive oil by on-line coupling reversed-phase liquid chromatography/gas chromatography with nitrogen-phosphorus detection and an automated through-oven transfer adsorption-desorption interface. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 1255-60.	1.5	13

#	ARTICLE	IF	CITATIONS
19	Analysis of pesticide residues by online reversed-phase liquid chromatography-gas chromatography in the oil from olives grown in an experimental plot. Part II. Journal of the Science of Food and Agriculture, 2006, 86, 1926-1931.	3.5	10
20	Analysis of steroids in human urine by on line liquid chromatography-gas chromatography-mass spectrometry using the Through Oven Transfer Adsorption Desorption interface and a fraction collector. Analytica Chimica Acta, 2012, 741, 78-85.	5.4	10
21	Analysis of polycyclic aromatic hydrocarbons in aqueous samples by large volume injection gas chromatography-mass spectrometry using the through oven transfer adsorption desorption interface. Talanta, 2015, 139, 1-5.	5.5	8
22	Analysis of volatile components by direct injection of real-life samples by using a programmed-temperature vaporizer. Zeitschrift Fur Lebensmittel-Untersuchung Und -Forschung, 1996, 202, 270-274.	0.6	7
23	Analysis of polychlorinated biphenyls in transformer oils by automated on-line coupling reversed phase liquid chromatography-gas chromatography using the through oven transfer adsorption desorption (TOTAD) Interface. International Journal of Environmental Analytical Chemistry, 2013, 93, 461-471.	3.3	7
24	Development of an analytical method for the determination of the misuse in sports of boldenone through the analysis of urine by on-line coupling liquid chromatography-gas chromatography-combustion-isotope ratio mass spectrometry. Journal of Chromatography A, 2014, 1370, 171-178.	3.7	5
25	Use of nitrogen to remove solvent from through oven transfer adsorption desorption interface during analysis of polycyclic aromatic hydrocarbons by large volume injection in gas chromatography. Journal of Chromatography A, 2014, 1339, 224-228.	3.7	4
26	Large volume injection in gas chromatography using the through oven transfer adsorption desorption interface operating under vacuum. Talanta, 2014, 123, 39-44.	5.5	3
27	TOTAD interface: A review of its application for LVI and LC-GC. Reviews in Analytical Chemistry, 2021, 40, 253-271.	3.2	3
28	Analysis of Pesticide Residues by on Line Coupled Liquid Chromatography-Gas Chromatography Using the Through Oven Transfer Adsorption Desorption Interface. Sustainable Agriculture Reviews, 2021, , 129-153.	1.1	1