

# Natalia Manousi

## List of Publications by Year in descending order

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58  
papers

1,011  
citations

471061

17  
h-index

500791

28  
g-index

58  
all docs

58  
docs citations

58  
times ranked

667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multielemental Method for Maternal Breast Milk Analysis by Inductively Coupled Plasma $\alpha$ Atomic Emission Spectrometry (ICP-AES) and Acid Digestion. <i>Analytical Letters</i> , 2023, 56, 14-24.	1.0	3
2	Recent advances in the extraction of triazine herbicides from water samples. <i>Journal of Separation Science</i> , 2022, 45, 113-133.	1.3	18
3	Exploiting the capsule phase microextraction features in bioanalysis: Extraction of ibuprofen from urine samples. <i>Microchemical Journal</i> , 2022, 172, 106934.	2.3	24
4	A Rapid GC-FID Method for the Determination of Fatty Acids in Walnut Oils and Their Use as Markers in Authenticity Studies. <i>Food Analytical Methods</i> , 2022, 15, 761-771.	1.3	4
5	Exploring sol-gel zwitterionic fabric phase sorptive extraction sorbent as a new multi-mode platform for the extraction and preconcentration of triazine herbicides from juice samples. <i>Food Chemistry</i> , 2022, 373, 131517.	4.2	13
6	An Inductively Coupled Plasma Optical Emission Spectrometric Method for the Determination of Toxic and Nutrient Metals in Spices after Pressure-Assisted Digestion. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 534.	1.3	10
7	Salting-out homogeneous liquid-liquid microextraction for the determination of azole drugs in human urine: Validation using total error concept. <i>Journal of Separation Science</i> , 2022, , .	1.3	9
8	Fabric phase sorptive extraction combined with gas chromatography-mass spectrometry as an innovative analytical technique for the determination of selected polycyclic aromatic hydrocarbons in herbal infusions and tea samples. <i>RSC Advances</i> , 2022, 12, 7149-7156.	1.7	0
9	Multielemental Inductively Coupled Plasma $\alpha$ Optical Emission Spectrometric (ICP-OES) Method for the Determination of Nutrient and Toxic Elements in Wild Mushrooms Coupled to Unsupervised and Supervised Chemometric Tools for Their Classification by Species. <i>Analytical Letters</i> , 2022, 55, 2108-2123.	1.0	6
10	Expanding the applicability of magnet integrated fabric phase sorptive extraction in food analysis: Extraction of triazine herbicides from herbal infusion samples. <i>Microchemical Journal</i> , 2022, 179, 107524.	2.3	14
11	Magnet integrated fabric phase sorptive extraction as a stand-alone extraction device for the monitoring of benzoyl urea insecticides in water samples by HPLC-DAD. <i>Journal of Chromatography A</i> , 2022, 1672, 463026.	1.8	16
12	Cereal-Based 3D Printed Dosage Forms for Drug Administration During Breakfast in Pediatric Patients within a Hospital Setting. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 2562-2570.	1.6	14
13	Headspace Solid-Phase Microextraction Followed by Gas Chromatography-Mass Spectrometry as a Powerful Analytical Tool for the Discrimination of Truffle Species According to Their Volatiles. <i>Frontiers in Nutrition</i> , 2022, 9, 856250.	1.6	5
14	Development and Validation of an HPLC-UV Method for the Dissolution Studies of 3D-Printed Paracetamol Formulations in Milk-Containing Simulated Gastrointestinal Media. <i>Pharmaceuticals</i> , 2022, 15, 755.	1.7	1
15	Exploring the volatile profile of whiskey samples using solid-phase microextraction Arrow and comprehensive two-dimensional gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1676, 463241.	1.8	15
16	An automatic on-line sol-gel pyridylethylthiopropyl functionalized silica-based sorbent extraction system coupled to flame atomic absorption spectrometry for lead and copper determination in beer samples. <i>Food Chemistry</i> , 2022, 394, 133548.	4.2	8
17	Salt-Induced Homogeneous Liquid-Liquid Microextraction of Piroxicam and Meloxicam from Human Urine Prior to Their Determination by HPLC-DAD. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6658.	1.3	3
18	On the use of metal-organic frameworks for the extraction of organic compounds from environmental samples. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59015-59039.	2.7	9

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19	Magnetic solid-phase extraction of caffeine from surface water samples with a micro-meso porous activated carbon/Fe <sub>3</sub> O <sub>4</sub> nanocomposite prior to its determination by GC-MS. RSC Advances, 2021, 11, 19492-19499.	1.7	4
20	A Simple and Rapid Analytical Method for the Determination of Nutrient and Toxic Elements in Nut-Based Milk Alternative Beverages by ICP-OES. Food Analytical Methods, 2021, 14, 1315-1321.	1.3	6
21	Rare Earths as Authenticity Markers for the Discrimination of Greek and Turkish Pistachios Using Elemental Metabolomics and Chemometrics. Foods, 2021, 10, 349.	1.9	12
22	Green Miniaturized Extraction and Microextraction of Polycyclic Aromatic Hydrocarbons from Foods and Beverages. Current Analytical Chemistry, 2021, 17, 461-477.	0.6	1
23	Determination of the Toxic and Nutrient Element Content of Almonds, Walnuts, Hazelnuts and Pistachios by ICP-AES. Separations, 2021, 8, 28.	1.1	9
24	Advances in the Chromatographic Separation and Determination of Bioactive Compounds for Assessing the Nutrient Profile of Nuts. Current Analytical Chemistry, 2021, 17, 495-511.	0.6	12
25	Metal-Organic Frameworks in Bioanalysis: Extraction of Small Organic Molecules. Separations, 2021, 8, 60.	1.1	11
26	Green Bioanalytical Applications of Graphene Oxide for the Extraction of Small Organic Molecules. Molecules, 2021, 26, 2790.	1.7	6
27	Ultrasound-assisted magnetic solid-phase extraction of polycyclic aromatic hydrocarbons and nitrated polycyclic aromatic hydrocarbons from water samples with a magnetic polyaniline modified graphene oxide nanocomposite. Journal of Chromatography A, 2021, 1645, 462104.	1.8	25
28	Green sample preparation of alternative biosamples in forensic toxicology. Sustainable Chemistry and Pharmacy, 2021, 20, 100388.	1.6	16
29	Green bioanalytical sample preparation: fabric phase sorptive extraction. Bioanalysis, 2021, 13, 693-710.	0.6	20
30	Recently Developed Adsorbing Materials for Fluoride Removal from Water and Fluoride Analytical Determination Techniques: A Review. Sustainability, 2021, 13, 7061.	1.6	22
31	Automated Solid Phase Extraction of Cd(II), Co(II), Cu(II) and Pb(II) Coupled with Flame Atomic Absorption Spectrometry Utilizing a New Sol-Gel Functionalized Silica Sorbent. Separations, 2021, 8, 100.	1.1	14
32	Multi-Element Analysis Based on an Automated On-Line Microcolumn Separation/Preconcentration System Using a Novel Sol-Gel Thiocyanatopropyl-Functionalized Silica Sorbent Prior to ICP-AES for Environmental Water Samples. Molecules, 2021, 26, 4461.	1.7	7
33	Capsule phase microextraction of selected polycyclic aromatic hydrocarbons from water samples prior to their determination by gas chromatography-mass spectrometry. Microchemical Journal, 2021, 166, 106210.	2.3	14
34	Exploring the volatile metabolome of conventional and organic walnut oils by solid-phase microextraction and analysis by GC-MS combined with chemometrics. Food Chemistry, 2021, 363, 130331.	4.2	39
35	Designing a moderately hydrophobic sol-gel monolithic Carbowax 20ÅM sorbent for the capsule phase microextraction of triazine herbicides from water samples prior to HPLC analysis. Talanta, 2021, 234, 122710.	2.9	30
36	Determination of Metals in Walnut Oils by Means of an Optimized and Validated ICP-AES Method in Conventional and Organic Farming Type Samples. Separations, 2021, 8, 169.	1.1	2

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37	Development and Validation of an ICP-AES Method for the Determination of Toxic and Nutrient Metals in Candies: Application for the Analysis of Different Samples from the Greek Market. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10599.	1.3	6
38	Determination of rare earth elements by inductively coupled plasma-mass spectrometry after dispersive solid phase extraction with novel oxidized graphene oxide and optimization with response surface methodology and central composite design. <i>Microchemical Journal</i> , 2020, 152, 104428.	2.3	42
39	Development and Application of an ICP-AES Method for the Determination of Nutrient and Toxic Elements in Savory Snack Products after Autoclave Dissolution. <i>Separations</i> , 2020, 7, 66.	1.1	19
40	Multi-Element Determination of Toxic and Nutrient Elements by ICP-AES after Dispersive Solid-Phase Extraction with Modified Graphene Oxide. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8722.	1.3	8
41	Solid-Phase Microextraction Arrow for the Sampling of Volatile Organic Compounds in Milk Samples. <i>Separations</i> , 2020, 7, 75.	1.1	12
42	Bioanalytical HPLC Applications of In-Tube Solid Phase Microextraction: A Two-Decade Overview. <i>Molecules</i> , 2020, 25, 2096.	1.7	26
43	Recent Advances in the Extraction of Polycyclic Aromatic Hydrocarbons from Environmental Samples. <i>Molecules</i> , 2020, 25, 2182.	1.7	51
44	Sample Preparation Using Graphene-Oxide-Derived Nanomaterials for the Extraction of Metals. <i>Molecules</i> , 2020, 25, 2411.	1.7	28
45	Magnetic Solid-Phase Extraction of Organic Compounds Based on Graphene Oxide Nanocomposites. <i>Molecules</i> , 2020, 25, 1148.	1.7	52
46	Recent Advances in the HPLC Analysis of Tricyclic Antidepressants in Bio-Samples. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 24-38.	1.1	13
47	Novel Approaches Utilizing Metal-Organic Framework Composites for the Extraction of Organic Compounds and Metal Traces from Fish and Seafood. <i>Molecules</i> , 2020, 25, 513.	1.7	31
48	Determination of Volatile Compounds in Nut-Based Milk Alternative Beverages by HS-SPME Prior to GC-MS Analysis. <i>Molecules</i> , 2019, 24, 3091.	1.7	30
49	Applications of Gas Chromatography for the Analysis of Tricyclic Antidepressants in Biological Matrices. <i>Separations</i> , 2019, 6, 24.	1.1	7
50	Extraction of Metal Ions with Metal-Organic Frameworks. <i>Molecules</i> , 2019, 24, 4605.	1.7	56
51	Automated Post-Column Sample Manipulation Prior to Detection in Liquid Chromatography: A Review of Pharmaceutical and Bioanalytical Applications. <i>Current Analytical Chemistry</i> , 2019, 15, 759-775.	0.6	7
52	Applications of Metal-Organic Frameworks in Food Sample Preparation. <i>Molecules</i> , 2018, 23, 2896.	1.7	63
53	Detection of Mechanically Deboned Meat in Cold Cuts by Inductively Coupled Plasma-Mass Spectrometry. <i>Pakistan Journal of Analytical and Environmental Chemistry</i> , 2018, 19, 115-121.	0.2	6
54	Recent Advances in Microextraction Techniques of Antipsychotics in Biological Fluids Prior to Liquid Chromatography Analysis. <i>Separations</i> , 2017, 4, 18.	1.1	26

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55	Fabric phase sorptive extraction for the fast isolation of sulfonamides residues from raw milk followed by high performance liquid chromatography with ultraviolet detection. Food Chemistry, 2016, 196, 428-436.	4.2	91
56	Direct UHPLC-DAD Method to Determine Asenapine, Paroxetine and Fluvoxamine in Human Blood Serum, Urine and Cerebrospinal Fluid. Current Pharmaceutical Analysis, 2016, 12, 349-356.	0.3	2
57	Development and Validation of an Inductively Coupled Plasma " Atomic Emission Spectrometry (ICP-AES) Method for Trace Element Determination in Vinegar. Analytical Letters, 0, , 1-12.	1.0	7
58	Rapid Multielemental Inductively Coupled Plasma"Atomic Emission Spectrometric (ICP-AES) Method for the Assessment of the Quality of Flower Waters. Analytical Letters, 0, , 1-9.	1.0	6