

# Enriqueta Antico

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7206288/publications.pdf>

Version: 2024-02-01

80  
papers

2,154  
citations

230014

27  
h-index

286692

43  
g-index

80  
all docs

80  
docs citations

80  
times ranked

2338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective concentration signature of Zn in a natural water derived from various speciation techniques. <i>Science of the Total Environment</i> , 2022, 806, 151201.	3.9	4
2	Fluoride removal from natural waters by polymer inclusion membranes. <i>Journal of Membrane Science</i> , 2022, 644, 120161.	4.1	13
3	Preparation of new polymeric phases for thin-film liquid phase microextraction (TF-LPME) of selected organic pollutants. <i>Microchemical Journal</i> , 2022, 175, 107120.	2.3	7
4	Determination of elemental bioavailability in soils and sediments by microwave induced plasma optical emission spectrometry (MIP-OES): Matrix effects and calibration strategies. <i>Talanta</i> , 2022, 240, 123166.	2.9	6
5	New Insights on the Effects of Water on Polymer Inclusion Membranes Containing Aliquat 336 Derivatives as Carriers. <i>Membranes</i> , 2022, 12, 192.	1.4	7
6	Preparation and Characterization of Nanoparticle-Doped Polymer Inclusion Membranes. Application to the Removal of Arsenate and Phosphate from Waters. <i>Materials</i> , 2021, 14, 878.	1.3	12
7	A Polymer Inclusion Membrane for Sensing Metal Complexation in Natural Waters. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10404.	1.3	2
8	Silencing against the conserved NAC domain of the potato StNAC103 reveals new NAC candidates to repress the suberin associated waxes in phellem. <i>Plant Science</i> , 2020, 291, 110360.	1.7	17
9	Investigation of Volatiles in Cork Samples Using Chromatographic Data and the Superposing Significant Interaction Rules (SSIR) Chemometric Tool. <i>Biomolecules</i> , 2020, 10, 896.	1.8	3
10	A novel Cyphos IL 104-based polymer inclusion membrane (PIM) probe to mimic biofilm zinc accumulation. <i>Science of the Total Environment</i> , 2020, 715, 136938.	3.9	14
11	Chloroanisoles and Other Chlorinated Compounds in Cork from Different Geographical Areas. <i>Toxics</i> , 2019, 7, 49.	1.6	2
12	Automatic determination of arsenate in drinking water by flow analysis with dual membrane-based separation. <i>Food Chemistry</i> , 2019, 283, 232-238.	4.2	17
13	First Report on a Solvent-Free Preparation of Polymer Inclusion Membranes with an Ionic Liquid. <i>Molecules</i> , 2019, 24, 1845.	1.7	10
14	A new extraction phase based on a polymer inclusion membrane for the detection of chlorpyrifos, diazinon and cyprodinil in natural water samples. <i>Talanta</i> , 2018, 185, 291-298.	2.9	35
15	Polymer inclusion membrane to access Zn speciation: Comparison with root uptake. <i>Science of the Total Environment</i> , 2018, 622-623, 316-324.	3.9	20
16	Design of a Hollow Fiber Supported Liquid Membrane System for Zn Speciation in Natural Waters. <i>Membranes</i> , 2018, 8, 88.	1.4	4
17	The Use of a Polymer Inclusion Membrane for Arsenate Determination in Groundwater. <i>Water (Switzerland)</i> , 2018, 10, 1093.	1.2	11
18	Comparison of different speciation techniques to measure Zn availability in hydroponic media. <i>Analytica Chimica Acta</i> , 2018, 1035, 32-43.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Electrochemical Characterization of a Polymer Inclusion Membrane Made of Cellulose Triacetate and Aliquat 336 and Its Application to Sulfonamides Separation. <i>Separations</i> , 2018, 5, 5.	1.1	10
20	Tuning physicochemical, electrochemical and transport characteristics of polymer inclusion membrane by varying the counter-anion of the ionic liquid Aliquat 336. <i>Journal of Membrane Science</i> , 2017, 529, 87-94.	4.1	33
21	Titanium dioxide solid phase for inorganic species adsorption and determination: the case of arsenic. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10939-10948.	2.7	6
22	Survey of Heavy Metal Contamination in Water Sources in the Municipality of Torola, El Salvador, through In Situ Sorbent Extraction. <i>Water (Switzerland)</i> , 2017, 9, 877.	1.2	5
23	Silencing of the potato <i>StNAC103</i> gene enhances the accumulation of suberin polyester and associated wax in tuber skin. <i>Journal of Experimental Botany</i> , 2016, 67, 5415-5427.	2.4	56
24	The Identification and Quantification of Suberin Monomers of Root and Tuber Periderm from Potato ( <i>Solanum tuberosum</i> ) as Fatty Acyl- <i>tert</i> -Butyldimethylsilyl Derivatives. <i>Phytochemical Analysis</i> , 2016, 27, 326-335.	1.2	20
25	Assessment of the effect of UV and chlorination in the transformation of fragrances in aqueous samples. <i>Chemosphere</i> , 2015, 125, 25-32.	4.2	18
26	Monitoring of sixteen fragrance allergens and two polycyclic musks in wastewater treatment plants by solid phase microextraction coupled to gas chromatography. <i>Chemosphere</i> , 2015, 119, 363-370.	4.2	52
27	Polymer inclusion membranes (PIMs) with the ionic liquid (IL) Aliquat 336 as extractant: Effect of base polymer and IL concentration on their physical-chemical and elastic characteristics. <i>Journal of Membrane Science</i> , 2014, 455, 312-319.	4.1	79
28	A novel low-cost detection method for screening of arsenic in groundwater. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11682-11688.	2.7	21
29	Migration of Components from Cork Stoppers to Food: Challenges in Determining Inorganic Elements in Food Simulants. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5690-5698.	2.4	5
30	Polymer inclusion membranes. <i>Arsenic in the Environment Proceedings</i> , 2014, , 778-779.	0.0	0
31	Screen-printed electrodes incorporated in a flow system for the decentralized monitoring of lead, cadmium and copper in natural and wastewater samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 872-883.	1.8	4
32	Odour-causing compounds in air samples: Gas-liquid partition coefficients and determination using solid-phase microextraction and GC with mass spectrometric detection. <i>Journal of Separation Science</i> , 2013, 36, 1045-1053.	1.3	10
33	Development of a method for the monitoring of odor-causing compounds in atmospheres surrounding wastewater treatment plants. <i>Journal of Separation Science</i> , 2013, 36, 1621-1628.	1.3	11
34	Mass spectrometry identification of alkyl-substituted pyrazines produced by <i>Pseudomonas</i> spp. isolates obtained from wine corks. <i>Food Chemistry</i> , 2013, 138, 2382-2389.	4.2	18
35	A Novel Membrane-based Approach for the Remote Screening of as in Waters. <i>Procedia Engineering</i> , 2012, 44, 801-803.	1.2	1
36	Thiacalixarene Derivatives Incorporated in Optical-Sensing Membranes for Metal Ion Recognition. <i>Analytical Letters</i> , 2011, 44, 1241-1253.	1.0	6

#	ARTICLE	IF	CITATIONS
37	Development and characterization of polymer inclusion membranes for the separation and speciation of inorganic As species. <i>Journal of Membrane Science</i> , 2011, 383, 88-95.	4.1	59
38	Headspace needle-trap analysis of priority volatile organic compounds from aqueous samples: Application to the analysis of natural and waste waters. <i>Journal of Chromatography A</i> , 2011, 1218, 8131-8139.	1.8	60
39	Needle microextraction trap for on-site analysis of airborne volatile compounds at ultra-trace levels in gaseous samples. <i>Journal of Separation Science</i> , 2011, 34, 2705-2711.	1.3	35
40	Multivariate analysis of volatile compounds detected by headspace solid-phase microextraction/gas chromatography: A tool for sensory classification of cork stoppers. <i>Food Chemistry</i> , 2011, 126, 1978-1984.	4.2	18
41	Odour-causing organic compounds in wastewater treatment plants: Evaluation of headspace solid-phase microextraction as a concentration technique. <i>Journal of Chromatography A</i> , 2011, 1218, 4863-4868.	1.8	27
42	Transport and separation of arsenate and arsenite from aqueous media by supported liquid and anion-exchange membranes. <i>Separation and Purification Technology</i> , 2011, 80, 428-434.	3.9	28
43	Sorbent-packed needle microextraction trap for benzene, toluene, ethylbenzene, and xylenes determination in aqueous samples. <i>Journal of Separation Science</i> , 2010, 33, 2833-2840.	1.3	35
44	Modelling of liquid-liquid extraction and liquid membrane separation of arsenic species in environmental matrices. <i>Separation and Purification Technology</i> , 2010, 72, 319-325.	3.9	43
45	Assessment of Environmental Tobacco Smoke Contamination in Public Premises: Significance of 2,5-Dimethylfuran as an Effective Marker. <i>Environmental Science &amp; Technology</i> , 2010, 44, 8289-8294.	4.6	29
46	Molecular Fingerprinting by PCR-Denaturing Gradient Gel Electrophoresis Reveals Differences in the Levels of Microbial Diversity for Musty-Earthy Tainted Corks. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1922-1931.	1.4	20
47	Off-Odor Compounds Produced in Cork by Isolated Bacteria and Fungi: A Gas Chromatography-Mass Spectrometry and Gas Chromatography-Olfactometry Study. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 7473-7479.	2.4	20
48	Screening of musty-earthy compounds from tainted cork using water-based soaks followed by headspace solid-phase microextraction and gas chromatography-mass spectrometry. <i>European Food Research and Technology</i> , 2008, 227, 1085-1090.	1.6	17
49	Selective Pd(II) and Pt(IV) sorption using novel polymers containing azamacrocyclic functional groups. <i>Reactive and Functional Polymers</i> , 2008, 68, 1088-1096.	2.0	16
50	Efficient hollow fiber supported liquid membrane system for the removal and preconcentration of Cr(VI) at trace levels. <i>Separation and Purification Technology</i> , 2008, 62, 389-393.	3.9	74
51	Sensitive and stable monitoring of lead and cadmium in seawater using screen-printed electrode and electrochemical stripping analysis. <i>Analytica Chimica Acta</i> , 2008, 627, 219-224.	2.6	98
52	Internal Standardization-Atomic Spectrometry and Geographical Pattern Recognition Techniques for the Multielement Analysis and Classification of Catalonian Red Wines. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 219-225.	2.4	41
53	Assessment of the matrix effect on the headspace solid-phase microextraction (HS-SPME) analysis of chlorophenols in wines. <i>Journal of Separation Science</i> , 2007, 30, 722-730.	1.3	17
54	Development of a selective optical sensor for Cr(VI) monitoring in polluted waters. <i>Analytica Chimica Acta</i> , 2007, 594, 162-168.	2.6	25

#	ARTICLE	IF	CITATIONS
55	Efficient thiacalix[4]arenes for the extraction and separation of Au(III), Pd(II) and Pt(IV) metal ions from acidic media incorporated in membranes and solid phases. <i>Separation and Purification Technology</i> , 2007, 54, 322-328.	3.9	69
56	Ethanol/Water Extraction Combined with Solid-Phase Extraction and Solid-Phase Microextraction Concentration for the Determination of Chlorophenols in Cork Stoppers. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 627-632.	2.4	14
57	Thiacalix[4]arenes as selective carriers for the transport and separation of gold, palladium and platinum by using supported liquid membrane systems. <i>Desalination</i> , 2006, 200, 112-113.	4.0	6
58	New applications of azamacrocyclic ligands in ion recognition, transport and preconcentration of palladium. <i>Analytica Chimica Acta</i> , 2006, 560, 77-83.	2.6	19
59	Assays on the simultaneous determination and elimination of chloroanisoles and chlorophenols from contaminated cork samples. <i>Journal of Chromatography A</i> , 2006, 1122, 215-221.	1.8	18
60	Selective recovery and preconcentration of mercury with a benzoylthiourea-solid supported liquid membrane system. <i>Analytica Chimica Acta</i> , 2005, 547, 255-261.	2.6	65
61	Highly selective solid-phase extraction and large volume injection for the robust gas chromatography-mass spectrometric analysis of TCA and TBA in wines. <i>Journal of Chromatography A</i> , 2005, 1089, 235-242.	1.8	46
62	Migration of 2,4,6-trichloroanisole from cork stoppers to wine. <i>European Food Research and Technology</i> , 2005, 220, 347-352.	1.6	38
63	Development of solid-phase extraction and solid-phase microextraction methods for the determination of chlorophenols in cork macerate and wine samples. <i>Journal of Chromatography A</i> , 2004, 1047, 15-20.	1.8	71
64	Relationship between sensory and instrumental analysis of 2,4,6-trichloroanisole in wine and cork stoppers. <i>Analytica Chimica Acta</i> , 2004, 513, 291-297.	2.6	42
65	On-line determination of trace levels of palladium by flame atomic absorption spectrometry. <i>Talanta</i> , 2003, 59, 651-657.	2.9	39
66	Liquid-liquid extraction of palladium(II) and gold(III) with N-benzoyl-N,N'-diethylthiourea and the synthesis of a palladium benzoylthiourea complex. <i>Polyhedron</i> , 2002, 21, 1429-1437.	1.0	64
67	Evaluation of an extraction method in the determination of the 2,4,6-trichloroanisole content of tainted cork. <i>Journal of Chromatography A</i> , 2002, 953, 207-214.	1.8	57
68	THE CHARACTERISATION OF SILVER SORPTION BY CHELATING RESINS CONTAINING THIOL AND AMINE GROUPS. <i>Solvent Extraction and Ion Exchange</i> , 2001, 19, 315-327.	0.8	20
69	CHARACTERISATION OF METALFIX-CHELAMINE AND ITS APPLICATION IN PRECIOUS METAL ADSORPTION. <i>Solvent Extraction and Ion Exchange</i> , 2000, 18, 965-979.	0.8	18
70	Recovery of palladium(II) and gold(III) from diluted liquors using the resin duolite GT-73. <i>Analytica Chimica Acta</i> , 1999, 381, 61-67.	2.6	128
71	Monitoring Pb <sup>2+</sup> with optical sensing films. <i>Analytica Chimica Acta</i> , 1999, 388, 327-338.	2.6	39
72	EFFECT OF Y(III) DISTRIBUTION BETWEEN AQUEOUS NITRATE AND ORGANIC D2EHPA SOLUTIONS ON THE Y(III) PRECIPITATION STRIPPING USING OXALIC ACID.. <i>Solvent Extraction and Ion Exchange</i> , 1999, 17, 277-300.	0.8	15

#	ARTICLE	IF	CITATIONS
73	Chemical pumping of rhodium by a supported liquid membrane containing Aliquat 336 as carrier. <i>Analytica Chimica Acta</i> , 1997, 346, 199-206.	2.6	40
74	SCN <sup>-</sup> effect on the palladium(II) transfer in two and three phases systems using triphenylphosphine sulfide as a carrier. <i>Reactive and Functional Polymers</i> , 1996, 28, 103-109.	2.0	6
75	Solvent extraction of yttrium from chloride media by di(2-ethylhexyl)phosphoric acid in kerosene. Speciation studies and gel formation. <i>Analytica Chimica Acta</i> , 1996, 327, 267-276.	2.6	42
76	Separation of Pd(II) and Cu(II) in chloride solutions on a glycol methacrylate gel derivatized with 8-hydroxyquinoline. <i>Journal of Chromatography A</i> , 1995, 706, 159-166.	1.8	9
77	Adsorption of palladium by glycolmethacrylate chelating resins. <i>Analytica Chimica Acta</i> , 1994, 296, 325-332.	2.6	37
78	New sulphur-containing reagents as carriers for the separation of palladium by solid supported liquid membranes. <i>Hydrometallurgy</i> , 1994, 35, 343-352.	1.8	27
79	Role of SCN <sup>-</sup> in the liquid-liquid extraction of Pd(II) by Kelex 100 in Toluene from aqueous chloride solutions. The equilibrium approach. <i>Analytica Chimica Acta</i> , 1993, 278, 91-97.	2.6	11
80	Study of a Palladium Mass Accelerate Transfer Through a Solid Supported Liquid Membrane Containing Kelex100. <i>Process Metallurgy</i> , 1992, , 1505-1510.	0.1	4