

# Angel Morales-Rubio

## List of Publications by Year in descending order

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78  
papers

1,863  
citations

249298

26  
h-index

340414

39  
g-index

79  
all docs

79  
docs citations

79  
times ranked

1548  
citing authors

#	ARTICLE	IF	CITATIONS
1	Moving to the land: First archaeometric study of chert procurement at <i>Cueva de la Cocina</i> (Eastern Iberia). <i>Geoarchaeology - an International Journal</i> , 2022, 37, 544-559.	0.7	6
2	Smartphone application for ancient mortars identification developed by a multi-analytical approach. <i>Journal of Archaeological Science: Reports</i> , 2022, 43, 103433.	0.2	2
3	Smartphone-based colorimetric study of adulterated tuna samples. <i>Food Chemistry</i> , 2022, 389, 133063.	4.2	7
4	Green methodology for quality control of elemental content of infant milk powder. <i>LWT - Food Science and Technology</i> , 2019, 111, 484-489.	2.5	10
5	Mineral profiles of legumes and fruits through partial least squares energy dispersive X-ray fluorescence. <i>Journal of Food Composition and Analysis</i> , 2019, 82, 103240.	1.9	4
6	Direct determination by portable ED-XRF of mineral profile in cocoa powder samples. <i>Food Chemistry</i> , 2019, 278, 373-379.	4.2	25
7	Partial least squares modelization of energy dispersive X-ray fluorescence. <i>Talanta</i> , 2019, 194, 158-163.	2.9	4
8	Preliminary results on the influence of car characteristics on their gases emissions using gas sensors. <i>Microchemical Journal</i> , 2018, 139, 69-73.	2.3	5
9	Chronological Classification of Ancient Mortars Employing Spectroscopy and Spectrometry Techniques: Sagunto (Valencia, Spain) Case. <i>Journal of Spectroscopy</i> , 2018, 2018, 1-10.	0.6	14
10	Smartphone determination of fat in cured meat products. <i>Microchemical Journal</i> , 2017, 132, 8-14.	2.3	28
11	Chronic Urticaria After Implantation of a Mitral Annuloplasty Ring in a Nickel-Allergic Patient. <i>Journal of Investigational Allergy and Clinical Immunology</i> , 2017, 27, 74-75.	0.6	2
12	High Temperature Microwave Oven Treatments. <i>Current Microwave Chemistry</i> , 2016, 4, 41-48.	0.2	0
13	Ecofriendly in-line process monitoring: a case study. Anthracene photodegradation in the presence of refuse-derived soluble bio-organics. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 657-664.	1.9	4
14	Sequential spectrofluorimetric determination of free and total glycerol in biodiesel in a multicommutated flow system. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 365-371.	1.9	24
15	Evaluation of the Soil Contamination of Tangier (Morocco) by the Determination of BTEX, PCBs, and PAHs. <i>Soil and Sediment Contamination</i> , 2009, 18, 535-545.	1.1	4
16	Multi-commutation in spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 903-913.	5.8	38
17	Use of semipermeable membrane devices for assessment of air quality in Tangier (Morocco). <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 917-928.	1.8	5
18	Multi-pumping mechanised determination of selenium in natural waters by light emitting diode (LED) spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 1242-1248.	0.6	8

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19	A multicommutated flow system with solenoid micro-pumps for paraquat determination in natural waters. <i>Talanta</i> , 2008, 75, 1376-1381.	2.9	39
20	Extraction of polycyclic aromatic hydrocarbons from cookies: A comparative study of ultrasound and microwave-assisted procedures. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2008, 25, 356-363.	1.1	6
21	A chemiluminescence flow-based procedure for determination of carbaryl in natural waters exploiting multicommutation and enzymatic reaction. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 519-525.	0.6	6
22	Speciation of chromium in natural waters by micropumping multicommutated light emitting diode photometry. <i>Talanta</i> , 2007, 72, 1370-1377.	2.9	26
23	Micropumping multicommutation turbidimetric analysis of waters. <i>Talanta</i> , 2007, 73, 742-747.	2.9	17
24	Determination of total arsenic in soft drinks by hydride generation atomic fluorescence spectrometry. <i>Food Chemistry</i> , 2007, 105, 1195-1200.	4.2	33
25	A multicommutated stop-flow system employing LEDs-based photometer for the sequential determination of anionic and cationic surfactants in water. <i>Analytica Chimica Acta</i> , 2007, 600, 58-65.	2.6	27
26	Monitoring of the smoking process by multicommutation Fourier Transform Infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2007, 593, 39-45.	2.6	5
27	Scientometric Picture of the Evolution of the Literature of Automation in Spectroscopy and Its Current State. <i>Spectroscopy Letters</i> , 2006, 39, 513-532.	0.5	11
28	Multipumping Nitrite Determination in Exhaled Breath Condensate. <i>Spectroscopy Letters</i> , 2006, 39, 683-697.	0.5	5
29	Multicommutation-NIR determination of Hexythiazox in pesticide formulations. <i>Talanta</i> , 2006, 68, 1700-1706.	2.9	20
30	Evaluation of a Multicommutated Flow System for Photometric Environmental Measurements. <i>Journal of Automated Methods and Management in Chemistry</i> , 2006, 2006, 1-9.	0.5	34
31	A spectrophotometric flow procedure for the determination of cationic surfactants in natural waters using a solenoid micro-pump for fluid propulsion. <i>International Journal of Environmental Analytical Chemistry</i> , 2006, 86, 723-732.	1.8	15
32	Multicommutation hydride generation atomic fluorescence determination of inorganic tellurium species in milk. <i>Food Chemistry</i> , 2005, 91, 181-189.	4.2	33
33	A clean method for flow injection spectrophotometric determination of cyclamate in table sweeteners. <i>Analytica Chimica Acta</i> , 2005, 547, 204-208.	2.6	40
34	Micro-pumping flow system for spectrophotometric determination of anionic surfactants in water. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 1305-1309.	1.9	38
35	Determination of phenols in waters using micro-pumped multicommutation and spectrophotometric detection: an automated alternative to the standard procedure. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 383, 138-144.	1.9	32
36	Sample Preparation Improvement in Polycyclic Aromatic Hydrocarbons Determination in Olive Oils by Gel Permeation Chromatography and Liquid Chromatography with Fluorescence Detection. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 1247-1254.	0.7	13

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37	An environmentally friendly multicommutated alternative to the reference method for anionic surfactant determination in water. <i>Talanta</i> , 2005, 66, 591-599.	2.9	55
38	A portable and low cost equipment for flow injection chemiluminescence measurements. <i>Talanta</i> , 2005, 67, 673-677.	2.9	66
39	A Multicommutated Flow System for Determination of Bismuth in Milk Shakes by Hydride Generation Atomic Fluorescence Spectrometry Incorporating On-Line Neutralization of Waste Effluent. <i>Journal of AOAC INTERNATIONAL</i> , 2004, 87, 1252-1259.	0.7	7
40	Multicommutation as an environmentally friendly analytical tool in the hydride generation atomic fluorescence determination of tellurium in milk. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 83-89.	1.9	17
41	Multicommutation ATR-FTIR: determination of sodium alpha-olefin sulfonate in detergent formulations. <i>Microchemical Journal</i> , 2004, 78, 47-54.	2.3	13
42	Cold vapour atomic fluorescence determination of mercury in milk by slurry sampling using multicommutation. <i>Analytica Chimica Acta</i> , 2004, 506, 145-153.	2.6	76
43	Multicommutation Fourier transform infrared determination of benzene in gasoline. <i>Analytica Chimica Acta</i> , 2004, 512, 215-221.	2.6	22
44	Multicommutation cold vapour atomic fluorescence determination of Hg in water. <i>Talanta</i> , 2003, 60, 809-819.	2.9	27
45	Sample preparation for chromium speciation. <i>Comprehensive Analytical Chemistry</i> , 2003, 41, 1115-1171.	0.7	5
46	Improvement of the atomic fluorescence determination of mercury by using multicommutation. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 537-540.	1.6	14
47	Chromium speciation using activated alumina microcolumns and sequential injection analysis-flame atomic absorption spectrometry. <i>Talanta</i> , 2001, 53, 1229-1239.	2.9	70
48	Continuous monitoring of photocatalytic treatments by flow injection. Degradation of dicamba in aqueous TiO <sub>2</sub> dispersions. <i>Chemosphere</i> , 2001, 44, 249-255.	4.2	24
49	Atomic fluorescence determination of total and inorganic arsenic species in beer. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 762-766.	1.6	21
50	Trace element determination in sediments: a comparative study between neutron activation analysis (NAA) and inductively coupled plasma-mass spectrometry (ICP-MS). <i>Microchemical Journal</i> , 2000, 65, 177-187.	2.3	27
51	Chromium speciation in liquid matrices: a survey of the literature. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 367, 601-613.	1.5	134
52	Atomic fluorescence spectrometric determination of trace amounts of arsenic and antimony in drinking water by continuous hydride generation. <i>Talanta</i> , 2000, 52, 653-662.	2.9	32
53	A clean analytical method for the spectrophotometric determination of formetanate incorporating an on-line microwave assisted hydrolysis step. <i>Analytica Chimica Acta</i> , 1999, 390, 147-154.	2.6	23
54	Environmentally friendly analytical chemistry through automation: comparative study of strategies for carbaryl determination with p-aminophenol. <i>Analytica Chimica Acta</i> , 1999, 392, 265-272.	2.6	43

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55	Electrothermal Atomic Absorption Determination of Chromium in Sediments. <i>Microchemical Journal</i> , 1999, 62, 363-370.	2.3	3
56	Applications in environmental analysis. <i>Analytical Spectroscopy Library</i> , 1999, 9, 309-341.	0.1	2
57	Speciation studies by atomic spectroscopy. <i>Advances in Atomic Spectroscopy</i> , 1999, , 1-98.	0.8	4
58	Analytical methodologies for chromium speciation in solid matrices: a survey of literature. <i>Fresenius' Journal of Analytical Chemistry</i> , 1998, 362, 239-248.	1.5	76
59	Evaluation of extraction alternatives for Fourier transform infrared spectrometric determination of oil and greases in water. <i>Analytica Chimica Acta</i> , 1997, 345, 161-171.	2.6	29
60	Simultaneous kinetic spectrophotometric determination of five phenolic compounds by reaction with p-aminophenol, using partial least squares data treatment. <i>Analyst, The</i> , 1996, 121, 1321.	1.7	19
61	FIA-spectrophotometric determination of 8-hydroxyquinoline with p-aminophenol. <i>Fresenius' Journal of Analytical Chemistry</i> , 1996, 354, 216-220.	1.5	6
62	Flow injection spectrophotometric determination of paracetamol in pharmaceuticals by means of on-line microwave-assisted hydrolysis and reaction with 8-hydroxyquinoline (8-quinolinol). <i>Analytica Chimica Acta</i> , 1996, 330, 59-69.	2.6	59
63	Simultaneous Kinetic Determination of Carbamate Pesticides after Derivatization with p-Aminophenol by Using Partial Least Squares. <i>Microchemical Journal</i> , 1996, 53, 461-471.	2.3	14
64	Modern strategies for the rapid determination of metals in sewage sludges. <i>TrAC - Trends in Analytical Chemistry</i> , 1996, 15, 311-318.	5.8	11
65	Clean analytical method for the determination of propoxur. <i>Analytica Chimica Acta</i> , 1995, 308, 462-468.	2.6	48
66	Rapid determination of mercury in environmental materials using on-line microwave digestion and atomic fluorescence spectrometry. <i>Analytica Chimica Acta</i> , 1995, 308, 364-370.	2.6	40
67	In-line, titanium dioxide-catalysed, ultraviolet mineralization of toxic aromatic compounds in the waste stream from a flow injection-based resorcinol analyser. <i>Analyst, The</i> , 1995, 120, 231.	1.7	37
68	Application of the partial least-squares calibration method to the simultaneous kinetic determination of propoxur, carbaryl, ethiofencarb and formetanate. <i>Analyst, The</i> , 1995, 120, 313-317.	1.7	21
69	Spectrophotometric determination of phenol and resorcinol by reaction with p-aminophenol. <i>Talanta</i> , 1994, 41, 547-556.	2.9	34
70	Preconcentration of aluminium by micellar-enhanced ultrafiltration. <i>Analytica Chimica Acta</i> , 1993, 276, 173-179.	2.6	15
71	Simple and rapid flow-injection spectrophotometric determination of carbaryl after liquid-liquid extraction. <i>Analytica Chimica Acta</i> , 1993, 280, 231-238.	2.6	42
72	Rapid microwave assisted hydrolysis of formetanate. <i>Analytica Chimica Acta</i> , 1993, 281, 249-257.	2.6	12

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73	Flow injection flame atomic spectrometric determination of iron, calcium, magnesium, sodium and potassium in ceramic materials by using a variable-volume injector. Fresenius' Journal of Analytical Chemistry, 1993, 345, 579-584.	1.5	14
74	Flow injection-spectrophotometric determination of cresol compounds in water by reaction with p-aminophenol. Mikrochimica Acta, 1993, 112, 99-111.	2.5	6
75	On-line microwave-assisted digestion of solid samples for their flame atomic spectrometric analysis. Talanta, 1993, 40, 1609-1617.	2.9	50
76	Atomic absorption spectrometric analysis of solids with on-line microwave-assisted digestion. Journal of Analytical Atomic Spectrometry, 1992, 7, 1085.	1.6	34
77	Microwave muffle furnace assisted decomposition of vegetable samples for flame atomic spectrometric determination of Ca, Mg, K, Fe, Mn and Zn. Fresenius' Journal of Analytical Chemistry, 1992, 342, 452-456.	1.5	17
78	Phosphate determination in environmental, biological and industrial samples using a smartphone as a capture device. New Journal of Chemistry, 0, , .	1.4	3