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List of Publications by Year in descending order

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55
papers

692
citations

623188

14
h-index

676716

22
g-index

56
all docs

56
docs citations

56
times ranked

592
citing authors

#	ARTICLE	IF	CITATIONS
1	Preconcentration and speciation of chromium in waters using solid-phase extraction and atomic absorption spectrometry. <i>Talanta</i> , 2000, 51, 531-536.	2.9	80
2	Study of silica-structured materials as sorbents for organophosphorus pesticides determination in environmental water samples. <i>Talanta</i> , 2018, 189, 560-567.	2.9	39
3	Comparison of the solid-phase extraction efficiency of a bounded and an included cyclodextrin-silica microporous composite for polycyclic aromatic hydrocarbons determination in water samples. <i>Talanta</i> , 2016, 156-157, 95-103.	2.9	30
4	Direct determination of copper and iron in edible oils using flow injection flame atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1991, 6, 581-584.	1.6	29
5	Detection of bias errors in ETAAS Determination of copper in beer and wine samples. <i>Talanta</i> , 2006, 68, 1640-1647.	2.9	25
6	Comparative evaluation of liquid chromatography versus gas chromatography using a β -cyclodextrin stationary phase for the determination of BTEX in occupational environments. <i>Talanta</i> , 2009, 78, 1286-1292.	2.9	24
7	Continuous flow photocatalytic degradation of carbaryl in aqueous media. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 1993, 28, 431-445.	0.7	20
8	Extraction of aflatoxins by using mesoporous silica (type UVM-7), and their quantitation by HPLC-MS. <i>Mikrochimica Acta</i> , 2019, 186, 792.	2.5	20
9	Atomic absorption spectrometric determination of gasoline additives by vapour phase sample introduction. <i>Journal of Analytical Atomic Spectrometry</i> , 1988, 3, 1035-1038.	1.6	19
10	Bimodal porous silica nanomaterials as sorbents for an efficient and inexpensive determination of aflatoxin M1 in milk and dairy products. <i>Food Chemistry</i> , 2020, 333, 127421.	4.2	18
11	Volatilisation of cobalt chelates for their direct introduction in the vapour phase in flame atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1990, 5, 325.	1.6	17
12	Spectrophotometric determination of chromium with diphenylcarbazide in the presence of vanadium, molybdenum, and iron after separation by solid-phase extraction. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 371, 358-363.	1.5	17
13	Organo-silica hybrid capillary monolithic column with mesoporous silica particles for separation of small aromatic molecules. <i>Mikrochimica Acta</i> , 2017, 184, 3799-3808.	2.5	17
14	Design, characterization and comparison of materials based on β and γ cyclodextrin covalently connected to microporous silica for environmental analysis. <i>Journal of Chromatography A</i> , 2018, 1563, 10-19.	1.8	17
15	Determination of phenolic compounds in air by using cyclodextrin-silica hybrid microporous composite samplers. <i>Talanta</i> , 2015, 134, 560-567.	2.9	16
16	Application of pressurized fluid extraction to determine cadmium and zinc in plants. <i>Analytica Chimica Acta</i> , 2007, 581, 78-82.	2.6	14
17	Detection and correction of interferences in spectroscopy techniques. <i>Analytica Chimica Acta</i> , 2001, 426, 135-146.	2.6	13
18	Samplers for VOCs in air based on cyclodextrin-silica hybrid microporous solid phases. <i>Analyst</i> , The, 2012, 137, 1275.	1.7	13

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19	Mesoporous iron phosphate/phosphonate hybrid materials. <i>Microporous and Mesoporous Materials</i> , 2014, 187, 14-22.	2.2	13
20	A new proposal for the determination of polychlorinated biphenyls in environmental water by using host-guest adsorption. <i>Science of the Total Environment</i> , 2020, 724, 138266.	3.9	13
21	Cyclodextrins as a Key Piece in Nanostructured Materials: Quantitation and Remediation of Pollutants. <i>Nanomaterials</i> , 2021, 11, 7.	1.9	13
22	A poly(glycidyl-co-ethylene dimethacrylate) nanohybrid modified with β -cyclodextrin as a sorbent for solid-phase extraction of phenolic compounds. <i>Mikrochimica Acta</i> , 2019, 186, 615.	2.5	12
23	Comparison of silica-based materials for organophosphorus pesticides sampling and occupational risk assessment. <i>Analytica Chimica Acta</i> , 2020, 1110, 26-34.	2.6	12
24	Mesoporous silica sorbent with gold nanoparticles for solid-phase extraction of organochlorine pesticides in water samples. <i>Journal of Chromatography A</i> , 2022, 1662, 462729.	1.8	12
25	Spectrophotometric Determination of Theophylline in Pharmaceuticals Employing the Apparent Content Curves to Resolve Spectral Interferences. <i>Analytical Letters</i> , 1993, 26, 641-655.	1.0	11
26	Apparent content curves: a method to resolve spectral interferences in samples with n components. <i>Analytica Chimica Acta</i> , 1993, 282, 671-677.	2.6	10
27	Indirect Determination of Cyanide by Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 1995, 28, 2247-2258.	1.0	10
28	Enhancing extraction performance of organophosphorus flame retardants in water samples using titanium hierarchical porous silica materials as sorbents. <i>Journal of Chromatography A</i> , 2021, 1639, 461938.	1.8	10
29	Apparent content curves: new analytical applications. <i>Fresenius' Journal of Analytical Chemistry</i> , 1993, 346, 888-895.	1.5	9
30	Evaluation of a Cyclodextrin-silica Hybrid Microporous Composite for the Solid-phase Extraction of Polycyclic Aromatic Hydrocarbons. <i>Analytical Sciences</i> , 2016, 32, 659-665.	0.8	9
31	Enlarged pore size in nanoparticulated bimodal porous silicas: Improving accessibility. <i>Microporous and Mesoporous Materials</i> , 2016, 221, 150-158.	2.2	9
32	Speciation of lead alkyl compounds by flame atomic absorption spectrometry with vapour phase sample introduction. <i>Journal of Analytical Atomic Spectrometry</i> , 1989, 4, 539-542.	1.6	8
33	Determination of Caffeine in Analgesic Formulations Using the Apparent Content Curves Method. <i>Analytical Letters</i> , 1994, 27, 2317-2330.	1.0	8
34	Use of the Apparent Content Curves for the spectrophotometric identification of substances: identification of amphetamines. <i>Fresenius' Journal of Analytical Chemistry</i> , 1994, 350, 706-711.	1.5	8
35	Desorption of BTEX from activated charcoal using accelerated solvent extraction: evaluation of occupational exposures. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1517-1523.	1.9	8
36	Host-guest interactions for extracting antibiotics with a β -cyclodextrin poly(glycidyl-co-ethylene) Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50 6	2.9	8

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37	Multi-component determination of lanthanum, cerium, praseodymium and neodymium by flame atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1988, 3, 1111-1114.	1.6	7
38	Chromatographic Separation of Cresol Isomers by a β -Cyclodextrin: Application for the Determination of Volatile Phenols in Alcoholic Beverages. <i>Analytical Letters</i> , 2006, 39, 183-195.	1.0	7
39	Assessment of migrating endocrine-disrupting chemicals in bottled acidic juice using type UVM-7 mesoporous silica modified with cyclodextrin. <i>Food Chemistry</i> , 2022, 380, 132207.	4.2	7
40	Smartphone-based colorimetric study of adulterated tuna samples. <i>Food Chemistry</i> , 2022, 389, 133063.	4.2	7
41	Flame atomic absorption analysis of gold in jewelry samples. <i>Fresenius' Journal of Analytical Chemistry</i> , 1990, 338, 699-702.	1.5	6
42	Identification and determination of amphetamine and methamphetamine in street drugs. <i>Microchemical Journal</i> , 2000, 64, 201-205.	2.3	6
43	Fluorimetric determination of amphetamine in urine by flow injection with on-line liquid-liquid extraction. <i>Microchemical Journal</i> , 2001, 69, 199-204.	2.3	6
44	Simultaneous determination of third-generation synthetic cannabinoids in oral fluids using cyclodextrin-silica porous sorbents. <i>Microchemical Journal</i> , 2022, 172, 106915.	2.3	6
45	A β -cyclodextrin sorbent based on hierarchical mesoporous silica for the determination of endocrine-disrupting chemicals in urine samples. <i>Journal of Chromatography A</i> , 2022, 1671, 463007.	1.8	5
46	Characterisation of quaternary mixtures by the apparent content curves method: identification of tocopherols in vegetable oils. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 375, 643-652.	1.9	4
47	Vapor-phase introduction of alkyltin compounds in atomic absorption spectrophotometry. <i>Microchemical Journal</i> , 1990, 42, 176-186.	2.3	3
48	Application of ACC method to synchronous luminiscence: determination of α -tocopherol and α -tocopheryl acetate in beverages. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 367, 485-490.	1.5	3
49	Phosphate determination in environmental, biological and industrial samples using a smartphone as a capture device. <i>New Journal of Chemistry</i> , 0, , .	1.4	3
50	A type UVM-7 mesoporous silica with β -cyclodextrin for the isolation of three veterinary antibiotics (ofloxacin, norfloxacin, and ciprofloxacin) from different fat-rate milk samples. <i>Journal of Food Composition and Analysis</i> , 2022, 109, 104463.	1.9	3
51	Determination of tyrosine and phenylalanine by derivatization with nitric acid and differential pulse polarography. <i>Microchemical Journal</i> , 1987, 36, 113-117.	2.3	2
52	Intersection point method (IPM): theoretical basis and application to spectrophotometric analyses. <i>Fresenius' Journal of Analytical Chemistry</i> , 1997, 357, 572-576.	1.5	2
53	Clean up Procedures for Determination of Amphetamine in Urine Samples.. <i>Analytical Letters</i> , 2000, 33, 1827-1842.	1.0	2
54	Determination of Creatinine in Plasma by the Apparent Content Curves Method. <i>Analytical Letters</i> , 1996, 29, 1351-1364.	1.0	1

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55	Iron-Doped Bimodal Mesoporous Silica Nanomaterials as Sorbents for Solid-Phase Extraction of Perfluoroalkyl Substances in Environmental Water Samples. <i>Nanomaterials</i> , 2022, 12, 1441.	1.9	0