

Renata GadzaÅ,aw GadzaÅ,a-Kopciuch

List of Publications by Year in descending order

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72
papers

1,358
citations

331670

21
h-index

377865

34
g-index

74
all docs

74
docs citations

74
times ranked

1619
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of siderophores by plant-associated metallotolerant bacteria under exposure to Cd 2+. <i>Chemosphere</i> , 2016, 156, 312-325.	8.2	121
2	Chemically Bonded Silica Stationary Phases: Synthesis, Physicochemical Characterization, and Molecular Mechanism of Reversed-Phase HPLC Retention. <i>Analytical Chemistry</i> , 1997, 69, 3277-3284.	6.5	100
3	The impact of environmental pollution on the quality of mother's milk. <i>Environmental Science and Pollution Research</i> , 2019, 26, 7405-7427.	5.3	77
4	Isolation and detection of steroids from human urine by molecularly imprinted solid-phase extraction and liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1177-1184.	2.3	68
5	Sulphur and nitrogen doped carbon dots synthesis by microwave assisted method as quantitative analytical nano-tool for mercury ion sensing. <i>Materials Chemistry and Physics</i> , 2020, 242, 122484.	4.0	62
6	Removal of zearalenone toxin from synthetics gastric and body fluids using talc and diatomite: A batch kinetic study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 94, 7-14.	5.0	45
7	A comparative study of hydrophobicity of octadecyl and alkylamide bonded phases based on methylene selectivity. <i>Journal of Separation Science</i> , 2003, 26, 1273-1283.	2.5	42
8	Determination of zearalenone and its metabolites in endometrial cancer by coupled separation techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2069-2078.	3.7	41
9	Evaluation of HPLC columns: A study on surface homogeneity of chemically bonded stationary phases. <i>Journal of Separation Science</i> , 2003, 26, 313-321.	2.5	39
10	Polyfunctional chemically bonded stationary phase for reversed phase high-performance liquid chromatography. <i>Chromatographia</i> , 1998, 48, 615-622.	1.3	37
11	Toxic effects of single animal hormones and their mixtures on the growth of <i>Chlorella vulgaris</i> and <i>Scenedesmus armatus</i> . <i>Chemosphere</i> , 2019, 224, 93-102.	8.2	36
12	Silicon dioxide surfaces with aryl interaction sites for chromatographic applications. <i>Materials Chemistry and Physics</i> , 2005, 89, 228-237.	4.0	35
13	Analytical Procedure for the Determination of Zearalenone in Environmental and Biological Samples. <i>Critical Reviews in Analytical Chemistry</i> , 2015, 45, 119-130.	3.5	35
14	The impact of estrogens on aquatic organisms and methods for their determination. <i>Critical Reviews in Environmental Science and Technology</i> , 2017, 47, 909-963.	12.8	35
15	Gentamicin release from chitosan and collagen composites. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 35, 353-359.	3.0	32
16	Isolation, purification and determination of 4-n-nonylphenol and 4-tert-octylphenol in aqueous and biological samples. <i>Talanta</i> , 2008, 74, 655-660.	5.5	29
17	Isolation and determination of estrogens in water samples by solid-phase extraction using molecularly imprinted polymers and HPLC. <i>Journal of Separation Science</i> , 2013, 36, 2299-2305.	2.5	29
18	The determination of zearalenone and its major metabolites in endometrial cancer tissues. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1571-1582.	3.7	28

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19	Molecularly imprinted adsorbents for pre-concentration and isolation of progesterone and testosterone by solid phase extraction combined with HPLC. <i>Adsorption</i> , 2010, 16, 473-483.	3.0	27
20	Carbon dots as rapid assays for detection of mercury(II) ions based on turn-off mode and breast milk. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 236, 118320.	3.9	25
21	Supramolecular recognition of estrogens via molecularly imprinted polymers. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2977-2986.	3.7	24
22	Study of RP HPLC Retention Behaviours in Analysis of Carotenoids. <i>Chromatographia</i> , 2014, 77, 1047-1057.	1.3	22
23	Chromatographic Properties of Mixed Chemically Bonded Phases with Alkylamide and Aminopropyl Ligands. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997, 20, 2313-2325.	1.0	21
24	Cytokines-Biogenesis and Their Role in Human Breast Milk and Determination. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6238.	4.1	20
25	Comparison of Several Extraction Methods for the Isolation of Benzoic Acid Derivatives from <i>Melissa officinalis</i> . <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 1633-1644.	1.0	17
26	QuEChERS extraction coupled to GC-MS for a fast determination of polychlorinated biphenyls in breast milk from Polish women. <i>Environmental Science and Pollution Research</i> , 2019, 26, 30988-30999.	5.3	16
27	Simultaneous HPLC-ELSD determination of sugars and cyclitols in different parts of <i>Phacelia tanacetifolia</i> Benth.. <i>Biochemical Systematics and Ecology</i> , 2018, 80, 32-38.	1.3	15
28	Cadmium-induced changes in the production of siderophores by a plant growth promoting strain of <i>Pseudomonas fulva</i> . <i>Journal of Basic Microbiology</i> , 2018, 58, 623-632.	3.3	15
29	Toxicity of single steroid hormones and their mixtures toward the cyanobacterium <i>Microcystis aeruginosa</i> . <i>Journal of Applied Phycology</i> , 2019, 31, 3537-3544.	2.8	14
30	Comparison of DAD and FLD Detection for Identification of Selected Bisphenols in Human Breast Milk Samples and Their Quantitative Analysis by LC-MS/MS. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 1029-1042.	1.5	14
31	Magnetic molecular imprinted polymers as a tool for isolation and purification of biological samples. <i>Open Chemistry</i> , 2015, 13, .	1.9	13
32	Selective determination of cocaine and its metabolite benzoylecgonine in environmental samples by newly developed sorbent materials. <i>Talanta</i> , 2016, 146, 401-409.	5.5	13
33	Separation of aflatoxin B1 from synthetic physiological fluids using talc and diatomite: Kinetic and isotherm aspects. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 1-8.	2.3	13
34	Organic and inorganic pollution of the Vistula River basin. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007, 42, 421-426.	1.7	12
35	Isolation of omega-3 polyunsaturated fatty acids (eicosapentaenoic acid - EPA and docosahexaenoic) Tj ETQq1 1 0.784314 rgBT /Overto	4.6	12
36	Estrogens and Their Analytics by Hyphenated Separation Techniques. <i>Critical Reviews in Analytical Chemistry</i> , 2009, 39, 13-31.	3.5	11

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37	Determination of Neonicotinoids in Honey Samples Originated from Poland and Other World Countries. <i>Molecules</i> , 2020, 25, 5817.	3.8	11
38	Determination of Biotin in Pharmaceutical Preparation by Means of HPLC and/or MEKC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 195-205.	1.0	10
39	Accurate HPLC Determination of Piperazine Residues in the Presence of other Secondary and Primary Amines. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 2211-2223.	1.0	10
40	Molecularly imprinted polymer film grafted from porous silica for efficient enrichment of steroid hormones in water samples. <i>Journal of Separation Science</i> , 2019, 42, 2858-2866.	2.5	10
41	Inhibition of growth of <i>Anabaena variabilis</i> population by single and mixed steroid hormones. <i>Journal of Applied Phycology</i> , 2019, 31, 389-398.	2.8	9
42	The chromatographic assay of 4-hydroxynonenal as a biomarker of diseases by means of MEPS and HPLC technique. <i>Biomedical Chromatography</i> , 2015, 29, 584-589.	1.7	8
43	New sorbent materials for selective extraction of cocaine and benzoylecgonine from human urine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 120, 397-401.	2.8	8
44	Recent Developments in the Separation of Low Molecular Weight Heparin Anticoagulants. <i>Current Medicinal Chemistry</i> , 2019, 26, 166-176.	2.4	8
45	Development of potential candidate reference materials for drugs in bottom sediment, cod and herring tissues. <i>Chemosphere</i> , 2017, 169, 181-187.	8.2	7
46	Synthesis of Magnetic Molecularly Imprinted Polymer Sorbents for Isolation of Parabens from Breast Milk. <i>Materials</i> , 2020, 13, 4328.	2.9	7
47	Applications of Molecularly Imprinted Polymers for Isolation of Estrogens from Environmental Water Samples. <i>Current Analytical Chemistry</i> , 2016, 12, 315-323.	1.2	7
48	Bronopol as an Ingredient of a New Test Mixture for Evaluation of HPLC Columns. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 737-750.	1.0	6
49	Benzylgermanium Compounds as Modifiers of Silica Gel Surface During a Chromatographic Process. <i>Critical Reviews in Analytical Chemistry</i> , 2010, 40, 187-193.	3.5	6
50	Analytical approaches and preparation of biological, food and environmental samples for analyses of zearalenone and its metabolites. <i>Reviews in Analytical Chemistry</i> , 2020, 39, 157-167.	3.2	6
51	Reference Materials: Significance, General Requirements, and Demand. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 224-235.	3.5	5
52	Characterization of Low-Molecular-Weight Heparins by Strong Anion-Exchange Chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1706-1714.	1.5	5
53	Supported ionic liquid adsorbent and ELSD-HPLC method as an alternative procedure for exogenous fatty acid analysis in breast milk. <i>Microchemical Journal</i> , 2020, 157, 104961.	4.5	5
54	ISOLATION AND DETERMINATION OF DENATONIUM BENZOATE IN ANTIFREEZING AGENTS BY SOLID PHASE EXTRACTION AND HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000, 23, 3133-3142.	1.0	4

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55	Isolation and Determination of 4-Nonylphenol in Environmental Samples Using Combined Chromatographic Techniques. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 2997-3012.	1.0	4
56	High Performance Liquid Chromatography of Benzyl Derivatives of ES-Silanates. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 1195-1203.	1.0	4
57	Sorbent Chemistry, Evolution. , 2012, , 243-256.		4
58	Thermodynamic description of retention mechanism in liquid chromatography. <i>Accreditation and Quality Assurance</i> , 2011, 16, 237-244.	0.8	3
59	Effect of Temperature in <i>micro</i> -HPLC Separation of PAHs under Isocratic Conditions Using Octadecyl and Alkylamide Phases. <i>Journal of the Chinese Chemical Society</i> , 1998, 45, 249-256.	1.4	2
60	Problems Associated with the Chromatographic Determination of Chlorobenzylgermanium Derivatives Using an Octadecyl Stationary Phase. <i>Critical Reviews in Analytical Chemistry</i> , 2010, 40, 30-40.	3.5	2
61	Towards A New Approach for the Description of Cyclo-2,4-Dihydroxybenzoate, A Substance Which Effectively Mimics Zearalenone in Imprinted Polymers Designed for Analyzing Selected Mycotoxins in Urine. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1588.	4.1	2
62	Application of Alkylamide Phase to the Separation of Inorganic Anions by Reversed Phase HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 1197-1206.	1.0	1
63	Selection of Extraction Method for the Estimation of the Bioaccumulation Factor of 4-N-Nonylphenol and 4-Tert-Octylphenol in an Aquatic System. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 971-983.	1.0	1
64	Separation of Selected Heptacoordinated Derivatives of Goshchava-Silanates for HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 1505-1515.	1.0	1
65	Reply to comment on "Isolation and detection of steroids from human urine by molecularly imprinted solid-phase extraction and liquid chromatography" by Tse Sum Bui and Haupt [J. Chromatogr. B 877 (2009) 4180-4181]. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2044-2045.	2.3	1
66	Qualitative analysis of enzymatic and chemical depolymerized low molecular weight heparins by UHPLC coupled with electrospray ionization quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 3036-3044.	2.5	1
67	Application of dendrimer-functionalized ion-exchange stationary phases for the retention and separation of low-molecular-weight heparins. <i>Analytical Methods</i> , 2020, 12, 977-987.	2.7	1
68	Identification and quantification of cyclitols and sugars isolated from different morphological parts of <i>Raphanus sativus</i> L. <i>Natural Product Research</i> , 2023, 37, 107-112.	1.8	1
69	A novel non-derivatization HPLC/UV method for the determination of some n-3 free fatty acids in breast milk matrix. <i>Microchemical Journal</i> , 2022, 181, 107789.	4.5	1
70	Determination of 4-nonylphenol in carp blood samples by solid phase extraction and chromatographic techniques. <i>Toxicological and Environmental Chemistry</i> , 2007, 89, 443-453.	1.2	0
71	60th Birthday of Professor Boguslaw Buszewski. <i>Chromatographia</i> , 2011, 74, 365-366.	1.3	0
72	Human Milk and Xenobiotics. , 2022, , 295-308.		0