List of Publications by Year in descending order

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		159585	233421
129	2,914	30	45
papers	citations	h-index	g-index
132	132	132	2713
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Application of molecularly imprinted polymers in analytical chiral separations and analysis. TrAC - Trends in Analytical Chemistry, 2018, 102, 91-102.	11.4	138
2	Determination of glyphosate and its metabolite aminomethylphosphonic acid in fruit juices using supported-liquid membrane preconcentration method with high-performance liquid chromatography and UV detection after derivatization with p-toluenesulphonyl chloride. Journal of Chromatography A, 2005, 1093, 111-117.	3.7	111
3	Concentration of amino acids using supported liquid membranes with di-2-ethylhexyl phosphoric acid as a carrier. Analytica Chimica Acta, 1997, 346, 191-197.	5.4	81
4	Determination of glyphosate and aminomethylphosphonic acid in natural water using the capillary electrophoresis combined with enrichment step. Analytica Chimica Acta, 2005, 540, 3-7.	5.4	78
5	Computational modeling of molecularly imprinted polymers as a green approach to the development of novel analytical sorbents. TrAC - Trends in Analytical Chemistry, 2018, 98, 64-78.	11.4	73
6	Combination of supported liquid membrane and solid-phase extraction for sample pretreatment of triazine herbicides in juice prior to capillary electrophoresis determination. Journal of Chromatography A, 2002, 975, 219-227.	3.7	69
7	Chemical Composition of Two Different Lavender Essential Oils and Their Effect on Facial Skin Microbiota. Molecules, 2019, 24, 3270.	3.8	69
8	The ability of soil-borne fungi to degrade organophosphonate carbon-to-phosphorus bonds. Applied Microbiology and Biotechnology, 1997, 48, 549-552.	3.6	67
9	Herbicidal activity of phosphonic, phosphinic, and phosphonous acid analogues of phenylglycine and phenylalanine. Journal of Plant Growth Regulation, 1995, 14, 199-203.	5.1	61
10	Surface molecularly imprinted silica for selective solid-phase extraction of biochanin A, daidzein and genistein from urine samples. Journal of Chromatography A, 2015, 1392, 1-9.	3.7	58
11	Quantum and carbon dots conjugated molecularly imprinted polymers as advanced nanomaterials for selective recognition of analytes in environmental, food and biomedical applications. TrAC - Trends in Analytical Chemistry, 2021, 142, 116306.	11.4	58
12	Supercritical fluid extraction of algae enhances levels of biologically active compounds promoting plant growth. European Journal of Phycology, 2016, 51, 243-252.	2.0	57
13	Enantioselective transport of amino acid through supported chiral liquid membranes. Journal of Membrane Science, 1993, 85, 221-228.	8.2	51
14	Extraction of glyphosate by a supported liquid membrane technique. Journal of Chromatography A, 2000, 889, 93-98.	3.7	48
15	Antifungal Activity of the Carrot Seed Oil and its Major Sesquiterpene Compounds. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2004, 59, 791-796.	1.4	48
16	Valuable natural products from marine and freshwater macroalgae obtained from supercritical fluid extracts. Journal of Applied Phycology, 2018, 30, 591-603.	2.8	48
17	Preparation and characterization of dummy-template molecularly imprinted polymers as potential sorbents for the recognition of selected polybrominated diphenyl ethers. Analytica Chimica Acta, 2018, 1030, 77-95.	5.4	46
18	Separation of amino acid enantiomers using supported liquid membrane extraction with chiral phosphonates. Tetrahedron, 1999, 55, 9923-9932.	1.9	43

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19	Enrichment of Amino Acids by Supported Liquid Membrane Extraction Using Aliquat 336 as a Carrier. Analytical Letters, 1998, 31, 1261-1274.	1.8	42
20	Simultaneous determination of nine phytohormones in seaweed and algae extracts by HPLC-PDA. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1057, 32-39.	2.3	42
21	Supported liquid membrane extraction with single hollow fiber for the analysis of fluoroquinolones from environmental surface water samples. Journal of Chromatography A, 2010, 1217, 3590-3597.	3.7	41
22	Porous structure of highly crosslinked styrene-divinylbenzene copolymers. Angewandte Makromolekulare Chemie, 1984, 126, 39-50.	0.2	39
23	Crotonic acid as a bioactive factor in carrot seeds (Daucus carota L.). Phytochemistry, 2005, 66, 1485-1491.	2.9	38
24	Mechanical behavior and structure of single beads of homogeneous and macroporous styrene–divinylbenzene copolymers. Journal of Applied Polymer Science, 1982, 27, 277-288.	2.6	37
25	Extraction of dansylated amino acids using the supported liquid membrane technique. Analytica Chimica Acta, 1997, 337, 183-189.	5.4	36
26	Research on Acute Toxicity and the Behavioral Effects of Methanolic Extract from Psilocybin Mushrooms and Psilocin in Mice. Toxins, 2015, 7, 1018-1029.	3.4	35
27	Chemical Variability and Pharmacological Potential of Propolis as a Source for the Development of New Pharmaceutical Products. Molecules, 2022, 27, 1600.	3.8	35
28	Extraction of amino acids with emulsion liquid membranes using industrial surfactants and lecithin as stabilisers. Journal of Membrane Science, 2000, 172, 223-232.	8.2	34
29	Inhomogeneity of gel and microsyneresis in porous styrene-divinylbenzene copolymers. British Polymer Journal, 1985, 17, 215-218.	0.7	33
30	Single hollow fiber SLM extraction of polyamines followed by tosyl chloride derivatization and HPLC determination. Analytica Chimica Acta, 2008, 606, 184-193.	5.4	31
31	Application of the Folin-Ciocalteu method to the evaluation of Salvia sclarea extracts. Pharmacia, 2019, 66, 209-215.	1.2	31
32	High-performance liquid chromatographic enantiomer separation and determination of absolute configurations of phosphinic acid analogues of dipeptides and their α-aminophosphinic acid precursors. Tetrahedron: Asymmetry, 2003, 14, 2557-2565.	1.8	30
33	Transport of amino acids and their phosphonic acid analogues through supported liquid membranes containing macrocyclic carriers. Experimental parameters. Journal of Membrane Science, 1991, 56, 167-180.	8.2	29
34	Supported Liquid Membranes and Their Modifications. , 2010, , 73-140.		29
35	Structure variation in styrene-divinylbenzene copolymers and its influence on sorption properties. Angewandte Makromolekulare Chemie, 1981, 96, 193-200.	0.2	28
36	Peptides analysis in blood plasma using on-line system of supported liquid membrane and high-performance liquid chromatography. Analytica Chimica Acta, 2005, 553, 9-14.	5.4	28

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37	Mode of action of herbicidal derivatives of aminomethylenebisphosphonic acid. I. Physiologic activity and inhibition of anthocyanin biosynthesis. Journal of Plant Growth Regulation, 1996, 15, 109-113.	5.1	27
38	Extraction of short peptides using supported liquid membranes. Desalination, 2002, 148, 235-239.	8.2	27
39	Characterization of particle morphology of biochanin A molecularly imprinted polymers and their properties as a potential sorbent for solid-phase extraction. Materials Science and Engineering C, 2015, 49, 793-798.	7.3	27
40	Isolation and determination of phenolic compounds from freshwater Cladophora glomerata. Algal Research, 2020, 48, 101912.	4.6	27
41	Antioxidant Phenolic Compounds in <i>Salvia officinalis</i> L. and <i>Salvia sclarea</i> L. Ecological Chemistry and Engineering S, 2018, 25, 133-142.	1.5	27
42	Mode of Action of Herbicidal Derivatives of Aminomethylenebisphosphonic Acid. Part II. Reversal of Herbicidal Action by Aromatic Amino Acids. Journal of Plant Growth Regulation, 1997, 16, 147-152.	5.1	26
43	Determination of optical purity of phosphonic acid analogues of aromatic amino acids by capillary electrophoresis with α-cyclodextrin. Journal of Chromatography A, 2000, 895, 301-307.	3.7	26
44	The application of the supported liquid membrane and molecularly imprinted polymers as solid acceptor phase for selective extraction of biochanin A from urine. Journal of Chromatography A, 2019, 1599, 9-16.	3.7	26
45	Development of high-performance thin layer chromatography method for identification of phenolic compounds and quantification of rosmarinic acid content in some species of the Lamiaceae family. Journal of Pharmacy and Bioallied Sciences, 2020, 12, 139.	0.6	26
46	Plant-growth-regulating phosphono peptides. Pest Management Science, 1990, 30, 43-57.	0.4	25
47	Stereoselective synthesis of 2-amino-1-hydroxy-3-phenylpropylphosphonic acid. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 2989-2992.	2.2	25
48	Enantiomeric separation of amino acids by capillary electrophoresis with α-cyclodextrin. Journal of Chromatography A, 1998, 793, 414-418.	3.7	25
49	Supported liquid membrane extraction of aromatic aminophosphonates. Analytica Chimica Acta, 2001, 433, 227-236.	5.4	25
50	Supercritical Algal Extracts: A Source of Biologically Active Compounds from Nature. Journal of Chemistry, 2015, 2015, 1-14.	1.9	25
51	Separation of aromatic aminophosphonic acid enantiomers by capillary electrophoresis with the application of cyclodextrins. Journal of Chromatography A, 2002, 979, 115-122.	3.7	24
52	The Influence of Chemical Composition of Commercial Lemon Essential Oils on the Growth of Candida Strains. Mycopathologia, 2014, 177, 29-39.	3.1	24
53	Herbicidal Derivatives of Aminomethylenebisphosphonic Acid. Part III. Structure—Activity Relationship. Journal of Plant Growth Regulation, 1997, 16, 153-158.	5.1	23
54	Factors influencing the transport of tryptophan hydrochloride through supported liquid membranes containing macrocyclic carriers. Journal of Membrane Science, 1997, 127, 87-92.	8.2	23

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55	The preparation and evaluation of core-shell magnetic dummy-template molecularly imprinted polymers for preliminary recognition of the low-mass polybrominated diphenyl ethers from aqueous solutions. Science of the Total Environment, 2020, 724, 138151.	8.0	22
56	Polyphenols and Pharmacological Screening of a Monarda fistulosa L. dry Extract Based on a Hydrodistilled Residue By-Product. Frontiers in Pharmacology, 2021, 12, 563436.	3.5	22
57	Phenolic compounds of herbal infusions obtained from some species of the Lamiaceae family. Current Issues in Pharmacy and Medical Sciences, 2018, 31, 194-199.	0.4	22
58	Facilitated SLM extraction of peptides with D2EHPA as a carrier. Desalination, 2004, 163, 47-53.	8.2	21
59	Crown-ether mediated transport of amino acids through an immobilized liquid membrane. Journal of Membrane Science, 1988, 37, 287-291.	8.2	20
60	Supported liquid membrane separation of amine and amino acid derivatives with chiral esters of phosphoric acids as carriers. Journal of Separation Science, 2003, 26, 1050-1056.	2.5	20
61	Learning twig and path queries. , 2012, , .		19
62	Phytochemical Evaluation of Tinctures and Essential Oil Obtained from Satureja montana Herb. Molecules, 2020, 25, 4763.	3.8	19
63	Chromatographic profiles and antimicrobial activity of the essential oils obtained from some species and cultivars of the Mentheae tribe (Lamiaceae). Saudi Journal of Biological Sciences, 2021, 28, 6145-6152.	3.8	19
64	Introduction to MIP synthesis, characteristics and analytical application. Comprehensive Analytical Chemistry, 2019, 86, 1-15.	1.3	18
65	Application of Molecular Imprinted Polymers for Selective Solid Phase Extraction of Bisphenol A. Ecological Chemistry and Engineering S, 2016, 23, 651-664.	1.5	17
66	Synthesis of Peptides with α,βâ€Dehydroamino Acids, I. Synthesis of <i>N</i> â€Benzyloxycarbonyl and <i>N</i> â€Trifluoroacetyl Dipeptides of Dehydroalanine and Dehydrophenylalanine. Liebigs Annalen Der Chemie, 1984, 1984, 920-928.	0.8	16
67	Herbicidal activity of phosphonic and phosphinic acid analogues of glutamic and aspartic acids. Pest Management Science, 1992, 34, 349-354.	0.4	16
68	Sample pretreatment techniques for oligopeptide analysis from natural sources. Analytical and Bioanalytical Chemistry, 2009, 393, 885-897.	3.7	16
69	Porosity variation and swelling of cation exchangers. Angewandte Makromolekulare Chemie, 1981, 96, 201-214.	0.2	15
70	Supported liquid membrane extraction of glyphosate metabolites. Journal of Separation Science, 2001, 24, 561-566.	2.5	15
71	Determination of muscimol and ibotenic acid in mushrooms of Amanitaceae by capillary electrophoresis. Electrophoresis, 2014, 35, 2593-2599.	2.4	15
72	Bioactive Alkaloids of Hallucinogenic Mushrooms. Studies in Natural Products Chemistry, 2015, , 133-168.	1.8	15

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73	Transport of dipeptides and phosphono dipeptides through an immobilized liquid membrane. Stereoselectivity of the process. Journal of Membrane Science, 1993, 78, 83-91.	8.2	14
74	Separation of aminoalkanephosphonic acid enantiomers by indirect UV detection capillary electrophoresis with application of cyclodextrins. Electrophoresis, 2003, 24, 2693-2697.	2.4	13
75	Transport mechanism of peptides through supported liquid membranes. Separation and Purification Technology, 2007, 57, 444-449.	7.9	13
76	Do Differences in Chemical Composition of Stem and Cap of Amanita muscaria Fruiting Bodies Correlate with Topsoil Type?. PLoS ONE, 2014, 9, e104084.	2.5	13
77	Secondary metabolites from the aerial parts of Cytisus villosus Pourr Phytochemistry Letters, 2018, 24, 1-5.	1.2	13
78	Comparative Evaluation of the Essential Oil of the New Ukrainian Lavandula angustifolia and Lavandula x intermedia Cultivars Grown on the Same Plots. Molecules, 2022, 27, 2152.	3.8	12
79	Immuno-SLM—a combined sample handling and analytical technique. Journal of Immunological Methods, 2004, 284, 107-118.	1.4	11
80	Enantiodifferentiation of N-benzyloxycarbonylaminophosphonic and phosphinic acids and their esters using cyclodextrins by means of capillary electrophoresis. Journal of Chromatography A, 2007, 1138, 284-290.	3.7	11
81	Influence of temperature on mass transfer in an incomplete trapping single hollow fibre supported liquid membrane extraction of triazole fungicides. Analytica Chimica Acta, 2009, 632, 86-92.	5.4	11
82	Multivariate optimization of the hollow fibre liquid phase microextraction of muscimol in human urine samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1033-1034, 372-381.	2.3	11
83	Application potential of dummy molecularly imprinted polymers as solid-phase extraction sorbents for determination of low-mass polybrominated diphenyl ethers in soil and sediment samples. Microchemical Journal, 2019, 144, 461-468.	4.5	11
84	COMPLEX TECHNOLOGICAL AND BIOLOGICAL RESEARCH OF SOLUTIONS FOR PERITONEAL DIALYSIS. International Journal of Applied Pharmaceutics, 2018, 10, 59.	0.3	11
85	ANALYTICAL PROCEDURE ELABORATION OF TOTAL FLAVONOID CONTENT DETERMINATION AND ANTIMICROBIAL ACTIVITY OF BEE BREAD EXTRACTS. Acta Poloniae Pharmaceutica, 2019, 76, 439-452.	0.1	11
86	Direct Analysis of Psilocin and Muscimol in Urine Samples Using Single Drop Microextraction Technique In-Line with Capillary Electrophoresis. Molecules, 2020, 25, 1566.	3.8	10
87	Studies of polyamines transport through liquid membranes with D2EHPA as a carrier. Journal of Separation Science, 2008, 31, 372-379.	2.5	9
88	Chemical Composition of Herbal Macerates and Corresponding Commercial Essential Oils and Their Effect on Bacteria Escherichia coli. Molecules, 2017, 22, 1887.	3.8	9
89	The Biomass of Algae and Algal Extracts in Agricultural Production. , 2018, , 103-114.		9
90	What is the form of muscimol from fly agaric mushroom (<i>Amanita muscaria</i>) in water? An insight from NMR experiment supported by molecular modeling. Magnetic Resonance in Chemistry, 2020, 58, 584-593.	1.9	9

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91	Organophosphonate utilization by the wildâ€ŧype strain ofcladosporium resinae. Toxicological and Environmental Chemistry, 1997, 61, 229-235.	1.2	8
92	Theoretical and experimental NMR studies on muscimol from fly agaric mushroom (Amanita muscaria). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 216-225.	3.9	8
93	Herbicidal activity of derivatives of 9-aminofluoren-9-ylphosphonic acid. Pest Management Science, 1991, 32, 245-252.	0.4	7
94	A useful procedure for detection of polyamines in biological samples as a potential diagnostic tool in cancer diagnosis. Applied Cancer Research, 2017, 37, .	1.0	7
95	Continuous flow synthesis of amine oxides by oxidation of tertiary amines. Reaction Chemistry and Engineering, 2019, 4, 1270-1276.	3.7	7
96	Phytochemical and Pharmacological Evaluation of the Residue By-Product Developed from the Ocimum americanum (Lamiaceae) Postdistillation Waste. Foods, 2021, 10, 3063.	4.3	6
97	Plant-growth-regulatingN-(phosphonoacetyl)amines. Pest Management Science, 1994, 40, 57-62.	0.4	5
98	Rapid determination of ibotenic acid and muscimol in human urine. Magnetic Resonance in Chemistry, 2014, 52, 711-714.	1.9	5
99	Chronic kidney disease and dialysis therapy: incidence and prevalence in the world. Pharmacia, 2021, 68, 463-470.	1.2	5
100	Effect of extraction solvent on total phenolic content, total flavonoid content and antioxidant activity of Cetraria islandica. International Journal of Pharmtech Research, 2020, 13, 198-205.	0.1	5
101	Spectral characteristics of 5-hydroxymethylfurfural as a related substance in medicinal products containing glucose. Pharmacia, 2019, 66, 121-125.	1.2	5
102	Surfactant effect of Sb on the growth of Ag films on a sapphire substrate. Applied Surface Science, 1996, 93, 85-87.	6.1	4
103	MożliwoÅ›ci zastosowania ekstraktów roÅ›linnych zawierajÄcych zwiÄzki fenolowe w rolnictwie ekologicznym. Przemysl Chemiczny, 2017, 1, 100-104.	0.0	4
104	EFFECT OF SURFACTANT AND SUBSTRATE TEMPERATURE ON THE GROWTH OF Ag FILMS ON A SAPPHIRE SURFACE. Surface Review and Letters, 1997, 04, 219-222.	1.1	3
105	Algae and Their Extracts in Medical Treatment. , 2018, , 73-87.		3
106	EVALUATION OF THE TOTAL FLAVONOID CONTENT AND ANTIMICROBIAL ACTIVITY OF THE TINCTURES OF PROPOLIS OF UKRAINIAN ORIGIN. Acta Poloniae Pharmaceutica, 2021, 77, 897-907.	0.1	3
107	Chemical transformations of glucose in solutions for peritoneal dialysis after sterilization and during storage. Acta Poloniae Pharmaceutica, 2018, 75, 875-883.	0.1	3
108	Glyphosate: Herbicidal Effects, Mode of Action and Degradation in Soil. American Biology Teacher, 1988, 50, 296-299.	0.2	2

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109	Synthesis and herbicidal activity of isoxazole-substituted 1-aminoethylphosphonates and 1-hydroxyethylphosphonates. Pest Management Science, 1994, 40, 107-112.	0.4	2
110	Surfactant induced growth of thin gallium films on an insulating (sapphire) substrate. Applied Surface Science, 1996, 103, 35-38.	6.1	2
111	Oxidation of secondary alcohols by duckweed: A biotransformation experiment for undergraduate students. Journal of Chemical Education, 1988, 65, 549.	2.3	1
112	Effects of aminophosphates and their combinations with glyphosate on the growth ofLepidium sativumL. andCucumis sativusL Archives of Phytopathology and Plant Protection, 1991, 27, 495-501.	1.3	1
113	Photoelectron spectroscopy of thin discontinuous metal films deposited onto a sapphire substrate. Vacuum, 1995, 46, 523-525.	3.5	1
114	Herbicidal Activity of Phosphonic, Phosphinic and Phosphinous Acid Analogues of Aromatic Amino Acids. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 111, 85-85.	1.6	1
115	Determination of mass sensitivity of crystal quartz resonators at students' laboratory. European Journal of Physics, 2010, 31, 257-265.	0.6	1
116	Chromatographic Profiles of the main Secondary Metabolites in the Monarda fistulosa L. Aerial Part. Research Journal of Pharmacy and Technology, 2021, , 2179-2184.	0.8	1
117	APPROACH OF THE STATE PHARMACOPEIA OF UKRAINE TO ANALYTICAL PROCEDURES VALIDATION ON THE EXAMPLE OF CHLORIDE IONS ASSAY IN PERITONEAL DIALYSIS SOLUTIONS. Acta Poloniae Pharmaceutica, 2019, 76, 635-643.	0.1	1
118	Presence of plant hormones in composts made from organic fraction of municipal solid waste. Journal of Elementology, 2016, , .	0.2	1
119	Determination of Glyphosate and AMPA in Food Samples Using Membrane Extraction Technique for Analytes Preconcentration. Membranes, 2022, 12, 20.	3.0	1
120	Herbicidally Active Derivatives of Aminomethylenebis-Phosphonic Acid-Mode of Action and Structure - Activity Relationship. Phosphorus, Sulfur and Silicon and the Related Elements, 1996, 109, 353-356.	1.6	0
121	Modulo Constraints and the Complexity ofÂTypechecking XML Views. Theory of Computing Systems, 2009, 44, 620-652.	1.1	0
122	Pholiotina cyanopus, a rare fungus producing psychoactive tryptamines. Open Life Sciences, 2014, 10, .	1.4	0
123	Photoemission Investigations of Non-Metal/Metal Transition in Thin Discontinuous Antimony Films. Acta Physica Polonica A, 1996, 89, 105-108.	0.5	0
124	Comparative study of different column types for the separation of polar basic hallucinogenic alkaloids. South African Journal of Chemistry, 2016, 69, .	0.6	0
125	MoŹ⁄4liwoÅ›ci wykorzystania w praktyce analitycznej sorbentów polimerowych z odciskiem molekularnym do wyodrÄ™bniania i/lub wzbogacania analitów z grupy trwaÅ,ych zanieczyszczeÅ,, organicznych z próbek środowiskowych. Przemysl Chemiczny, 2017, 1, 155-160.	0.0	0
126	Biological and analytical studies of peritoneal dialysis solutions. Ukrainian Biochemical Journal, 2018, 90, 34-44.	0.5	0

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127	Molecular Fingerprints of Thyroid Cancer Cells by Using Library of Molecular Receptors Formed by N-Lipidated Peptides Immobilized on Cellulose. Acta Poloniae Pharmaceutica, 2018, 75, 1017-1029.	0.1	о
128	BiowÄ™giel jako Å›rodek polepszajÄcy wÅ,aÅ›ciwoÅ›ci gleby. Przemysl Chemiczny, 2019, 1, 100-107.	0.0	0
129	Molecularly Imprinted Polymers as Useful Sorbents for Bioanalysis. , 2022, , 1047-1063.		0