Piotr PaweÅ, Wieczorek

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	Chemical Variability and Pharmacological Potential of Propolis as a Source for the Development of New Pharmaceutical Products. Molecules, 2022, 27, 1600.	3.8	35
2	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
3	Determination of Glyphosate and AMPA in Food Samples Using Membrane Extraction Technique for Analytes Preconcentration. Membranes, 2022, 12, 20.	3.0	1
4	Molecularly Imprinted Polymers as Useful Sorbents for Bioanalysis. , 2022, , 1047-1063.		0
5	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
6	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
7	Chronic kidney disease and dialysis therapy: incidence and prevalence in the world. Pharmacia, 2021, 68, 463-470.	1.2	5
8	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
9	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
10	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
11	Phytochemical and Pharmacological Evaluation of the Residue By-Product Developed from the Ocimum americanum (Lamiaceae) Postdistillation Waste. Foods, 2021, 10, 3063.	4.3	6
12	What is the form of muscimol from fly agaric mushroom (Amanita muscaria) in water? An insight from NMR experiment supported by molecular modeling. Magnetic Resonance in Chemistry, 2020, 58, 584-593.	1.9	9
13	Phytochemical Evaluation of Tinctures and Essential Oil Obtained from Satureja montana Herb. Molecules, 2020, 25, 4763.	3.8	19
14	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
15	Isolation and determination of phenolic compounds from freshwater Cladophora glomerata. Algal Research, 2020, 48, 101912.	4.6	27
16	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
17	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
18	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

#	Article	IF	Citations
19	Introduction to MIP synthesis, characteristics and analytical application. Comprehensive Analytical Chemistry, 2019, 86, 1-15.	1.3	18
20	Chemical Composition of Two Different Lavender Essential Oils and Their Effect on Facial Skin Microbiota. Molecules, 2019, 24, 3270.	3.8	69
21	Continuous flow synthesis of amine oxides by oxidation of tertiary amines. Reaction Chemistry and Engineering, 2019, 4, 1270-1276.	3.7	7
22	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
23	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
24	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
25	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
26	Spectral characteristics of 5-hydroxymethylfurfural as a related substance in medicinal products containing glucose. Pharmacia, 2019, 66, 121-125.	1.2	5
27	Application of the Folin-Ciocalteu method to the evaluation of Salvia sclarea extracts. Pharmacia, 2019, 66, 209-215.	1.2	31
28	BiowÄ™giel jako Å›rodek polepszajÄ…cy wÅ‚aÅ›ciwoÅ›ci gleby. Przemysl Chemiczny, 2019, 1, 100-107.	0.0	0
29	Application of molecularly imprinted polymers in analytical chiral separations and analysis. TrAC - Trends in Analytical Chemistry, 2018, 102, 91-102.	11.4	138
30	Secondary metabolites from the aerial parts of Cytisus villosus Pourr.. Phytochemistry Letters, 2018, 24, 1-5.	1.2	13
31	Valuable natural products from marine and freshwater macroalgae obtained from supercritical fluid extracts. Journal of Applied Phycology, 2018, 30, 591-603.	2.8	48
32	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
33	Algae and Their Extracts in Medical Treatment. , 2018, , 73-87.		3
34	The Biomass of Algae and Algal Extracts in Agricultural Production. , 2018, , 103-114.		9
35	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
36	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

#	Article	IF	Citations
37	Antioxidant Phenolic Compounds in Salvia officinalis L. and Salvia sclarea L.. Ecological Chemistry and Engineering S, 2018, 25, 133-142.	1.5	27
38	COMPLEX TECHNOLOGICAL AND BIOLOGICAL RESEARCH OF SOLUTIONS FOR PERITONEAL DIALYSIS. International Journal of Applied Pharmaceutics, 2018, 10, 59.	0.3	11
39	Chemical transformations of glucose in solutions for peritoneal dialysis after sterilization and during storage. Acta Poloniae Pharmaceutica, 2018, 75, 875-883.	0.1	3
40	Biological and analytical studies of peritoneal dialysis solutions. Ukrainian Biochemical Journal, 2018, 90, 34-44.	0.5	0
41	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	0
42	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
43	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
44	Chemical Composition of Herbal Macerates and Corresponding Commercial Essential Oils and Their Effect on Bacteria Escherichia coli. Molecules, 2017, 22, 1887.	3.8	9
45	MoÅ¼liwoÅ›ci zastosowania ekstraktÃ³w roÅ›linnych zawierajÄ…cych zwiÄ…zki fenolowe w rolnictwie ekologicznym. Przemysl Chemiczny, 2017, 1, 100-104.	0.0	4
46	MoÅ¼liwoÅ›ci wykorzystania w praktyce analitycznej sorbentÃ³w polimerowych z odciskiem molekularnym do wyodrÄ™bniania i/lub wzbogacania analitÃ³w z grupy trwaÅ‚ych zanieczyszczeÅ„ organicznych z prÃ³bek Å›rodowiskowych. Przemysl Chemiczny, 2017, 1, 155-160.	0.0	0
47	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
48	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
49	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
50	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
51	Comparative study of different column types for the separation of polar basic hallucinogenic alkaloids. South African Journal of Chemistry, 2016, 69, .	0.6	0
52	Presence of plant hormones in composts made from organic fraction of municipal solid waste. Journal of Elementology, 2016, , .	0.2	1
53	Supercritical Algal Extracts: A Source of Biologically Active Compounds from Nature. Journal of Chemistry, 2015, 2015, 1-14.	1.9	25
54	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

#	Article	IF	Citations
55	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
56	Bioactive Alkaloids of Hallucinogenic Mushrooms. Studies in Natural Products Chemistry, 2015, , 133-168.	1.8	15
57	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
58	Pholiotina cyanopus, a rare fungus producing psychoactive tryptamines. Open Life Sciences, 2014, 10, .	1.4	0
59	The Influence of Chemical Composition of Commercial Lemon Essential Oils on the Growth of Candida Strains. Mycopathologia, 2014, 177, 29-39.	3.1	24
60	Rapid determination of ibotenic acid and muscimol in human urine. Magnetic Resonance in Chemistry, 2014, 52, 711-714.	1.9	5
61	Determination of muscimol and ibotenic acid in mushrooms of Amanitaceae by capillary electrophoresis. Electrophoresis, 2014, 35, 2593-2599.	2.4	15
62	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
63	Learning twig and path queries. , 2012, , .		19
64	Determination of mass sensitivity of crystal quartz resonators at students' laboratory. European Journal of Physics, 2010, 31, 257-265.	0.6	1
65	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
66	Supported Liquid Membranes and Their Modifications. , 2010, , 73-140.		29
67	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
68	Sample pretreatment techniques for oligopeptide analysis from natural sources. Analytical and Bioanalytical Chemistry, 2009, 393, 885-897.	3.7	16
69	Modulo Constraints and the Complexity ofÂTypechecking XML Views. Theory of Computing Systems, 2009, 44, 620-652.	1.1	0
70	Studies of polyamines transport through liquid membranes with D2EHPA as a carrier. Journal of Separation Science, 2008, 31, 372-379.	2.5	9
71	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
72	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

#	Article	IF	Citations
73	Transport mechanism of peptides through supported liquid membranes. Separation and Purification Technology, 2007, 57, 444-449.	7.9	13
74	Crotonic acid as a bioactive factor in carrot seeds (Daucus carota L.). Phytochemistry, 2005, 66, 1485-1491.	2.9	38
75	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
76	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
77	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
78	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
79	Immuno-SLMâ€"a combined sample handling and analytical technique. Journal of Immunological Methods, 2004, 284, 107-118.	1.4	11
80	Facilitated SLM extraction of peptides with D2EHPA as a carrier. Desalination, 2004, 163, 47-53.	8.2	21
81	Separation of aminoalkanephosphonic acid enantiomers by indirect UV detection capillary electrophoresis with application of cyclodextrins. Electrophoresis, 2003, 24, 2693-2697.	2.4	13
82	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
83	High-performance liquid chromatographic enantiomer separation and determination of absolute configurations of phosphinic acid analogues of dipeptides and their Î±-aminophosphinic acid precursors. Tetrahedron: Asymmetry, 2003, 14, 2557-2565.	1.8	30
84	Extraction of short peptides using supported liquid membranes. Desalination, 2002, 148, 235-239.	8.2	27
85	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
86	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
87	Supported liquid membrane extraction of glyphosate metabolites. Journal of Separation Science, 2001, 24, 561-566.	2.5	15
88	Supported liquid membrane extraction of aromatic aminophosphonates. Analytica Chimica Acta, 2001, 433, 227-236.	5.4	25
89	Extraction of glyphosate by a supported liquid membrane technique. Journal of Chromatography A, 2000, 889, 93-98.	3.7	48
90	Determination of optical purity of phosphonic acid analogues of aromatic amino acids by capillary electrophoresis with Î±-cyclodextrin. Journal of Chromatography A, 2000, 895, 301-307.	3.7	26

#	Article	IF	Citations
91	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
92	Separation of amino acid enantiomers using supported liquid membrane extraction with chiral phosphates and phosphonates. Tetrahedron, 1999, 55, 9923-9932.	1.9	43
93	Enantiomeric separation of amino acids by capillary electrophoresis with Î±-cyclodextrin. Journal of Chromatography A, 1998, 793, 414-418.	3.7	25
94	Enrichment of Amino Acids by Supported Liquid Membrane Extraction Using Aliquat 336 as a Carrier. Analytical Letters, 1998, 31, 1261-1274.	1.8	42
95	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
96	Organophosphonate utilization by the wildâ€type strain ofcladosporium resinae. Toxicological and Environmental Chemistry, 1997, 61, 229-235.	1.2	8
97	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
98	Herbicidal Derivatives of Aminomethylenebisphosphonic Acid. Part III. Structureâ€"Activity Relationship. Journal of Plant Growth Regulation, 1997, 16, 153-158.	5.1	23
99	The ability of soil-borne fungi to degrade organophosphonate carbon-to-phosphorus bonds. Applied Microbiology and Biotechnology, 1997, 48, 549-552.	3.6	67
100	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
101	Extraction of dansylated amino acids using the supported liquid membrane technique. Analytica Chimica Acta, 1997, 337, 183-189.	5.4	36
102	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
103	Surfactant effect of Sb on the growth of Ag films on a sapphire substrate. Applied Surface Science, 1996, 93, 85-87.	6.1	4
104	Surfactant induced growth of thin gallium films on an insulating (sapphire) substrate. Applied Surface Science, 1996, 103, 35-38.	6.1	2
105	Stereoselective synthesis of 2-amino-1-hydroxy-3-phenylpropylphosphonic acid. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 2989-2992.	2.2	25
106	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
107	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
108	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

#	Article	IF	Citations
109	Photoemission Investigations of Non-Metal/Metal Transition in Thin Discontinuous Antimony Films. Acta Physica Polonica A, 1996, 89, 105-108.	0.5	0
110	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
111	Photoelectron spectroscopy of thin discontinuous metal films deposited onto a sapphire substrate. Vacuum, 1995, 46, 523-525.	3.5	1
112	Plant-growth-regulatingN-(phosphonoacetyl)amines. Pest Management Science, 1994, 40, 57-62.	0.4	5
113	Synthesis and herbicidal activity of isoxazole-substituted 1-aminoethylphosphonates and 1-hydroxyethylphosphonates. Pest Management Science, 1994, 40, 107-112.	0.4	2
114	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
115	Enantioselective transport of amino acid through supported chiral liquid membranes. Journal of Membrane Science, 1993, 85, 221-228.	8.2	51
116	Herbicidal activity of phosphonic and phosphinic acid analogues of glutamic and aspartic acids. Pest Management Science, 1992, 34, 349-354.	0.4	16
117	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
118	Herbicidal activity of derivatives of 9-aminofluoren-9-ylphosphonic acid. Pest Management Science, 1991, 32, 245-252.	0.4	7
119	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
120	Plant-growth-regulating phosphono peptides. Pest Management Science, 1990, 30, 43-57.	0.4	25
121	Crown-ether mediated transport of amino acids through an immobilized liquid membrane. Journal of Membrane Science, 1988, 37, 287-291.	8.2	20
122	Oxidation of secondary alcohols by duckweed: A biotransformation experiment for undergraduate students. Journal of Chemical Education, 1988, 65, 549.	2.3	1
123	Glyphosate: Herbicidal Effects, Mode of Action and Degradation in Soil. American Biology Teacher, 1988, 50, 296-299.	0.2	2
124	Inhomogeneity of gel and microsyneresis in porous styrene-divinylbenzene copolymers. British Polymer Journal, 1985, 17, 215-218.	0.7	33
125	Porous structure of highly crosslinked styrene-divinylbenzene copolymers. Angewandte Makromolekulare Chemie, 1984, 126, 39-50.	0.2	39
126	Synthesis of Peptides with Î±,Î²â€Dehydroamino Acids, I. Synthesis of Nâ€Benzyloxycarbonyl and Nâ€Trifluoroacetyl Dipeptides of Dehydroalanine and Dehydrophenylalanine. Liebigs Annalen Der Chemie, 1984, 1984, 920-928.	0.8	16

#	Article	IF	Citations
127	Mechanical behavior and structure of single beads of homogeneous and macroporous styreneâ€“divinylbenzene copolymers. Journal of Applied Polymer Science, 1982, 27, 277-288.	2.6	37
128	Structure variation in styrene-divinylbenzene copolymers and its influence on sorption properties. Angewandte Makromolekulare Chemie, 1981, 96, 193-200.	0.2	28
129	Porosity variation and swelling of cation exchangers. Angewandte Makromolekulare Chemie, 1981, 96, 201-214.	0.2	15