Teresa Kowalska

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2874402/publications.pdf

Version: 2024-02-01

85	980	471371	552653
papers	citations	17	26
		h-index	g-index

87	87	87	744
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The newest cathinone derivatives as designer drugs: an analytical and toxicological review. Forensic Toxicology, 2018, 36, 33-50.	1.4	128
2	Fingerprint of Selected Salvia Species by HS-GC-MS Analysis of Their Volatile Fraction. Journal of Chromatographic Science, 2009, 47, 575-580.	0.7	36
3	Spontaneous oscillatory in vitro chiral conversion of simple carboxylic acids and its possible mechanism. Journal of Physical Organic Chemistry, 2010, 23, 1066-1073.	0.9	32
4	Experimental and Model Investigation of the Oscillatory Transenantiomerization of L-Î±-Phenylalanine. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 1986-2005.	0.5	31
5	Development of chromatographic and free radical scavenging activity fingerprints by thinâ€layer chromatography for selected Salvia species. Phytochemical Analysis, 2011, 22, 59-65.	1.2	30
6	Antibacterial potential of the Cistus incanus L. phenolics as studied with use of thin-layer chromatography combined with direct bioautography and in situ hydrolysis. Journal of Chromatography A, 2018, 1534, 170-178.	1.8	29
7	TLC-MS VERSUS TLC-LC-MS FINGERPRINTS OF HERBAL EXTRACTS. PART II. PHENOLIC ACIDS AND FLAVONOIDS. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 864-887.	0.5	24
8	Enantioseparation and Oscillatory Transenantiomerization of S,Râ€(Â±)â€Ketoprofen, as Investigated by Means of Thin Layer Chromatography with Densitometric Detection. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 2193-2208.	0.5	23
9	Fatal case of poisoning with a new cathinone derivative: Î±-propylaminopentiophenone (N-PP). Forensic Toxicology, 2018, 36, 525-533.	1.4	22
10	TLC in a search for structural limitations of spontaneous oscillatory in-vitro chiral conversion. Î±-hydroxybutyric and mandelic acids. Journal of Planar Chromatography - Modern TLC, 2009, 22, 241-248.	0.6	22
11	Condensation oscillations in the peptidization of phenylglycine. Journal of Systems Chemistry, 2010, 1, 7.	1.7	21
12	Enantioseparation of S,Râ€(Â±)â€Ketoprofen on Plain Silica Gel Layers with Achiral Mobile Phase. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 2185-2192.	0.5	20
13	Application of Thinâ€Layer Chromatography to the Investigation of Oscillatory Instability of Selected Profen Enantiomers in Physiological Salt. Journal of Liquid Chromatography and Related Technologies, 2006, 29, 2059-2069.	0.5	18
14	Experimental Investigation of the Oscillatory Transenantiomerization of L-Tyrosine. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 2006-2018.	0.5	18
15	TLC and polarimetric investigation of the oscillatory in-vitro chiral inversion ofl-alanine. Journal of Planar Chromatography - Modern TLC, 2008, 21, 43-47.	0.6	18
16	Assessment of the N-nitrosopiperidine formation risk from piperine and piperidine contained in spices used as meat product additives. European Food Research and Technology, 2014, 238, 477-484.	1.6	18
17	Condensation dynamics ofl-proline andl-hydroxyproline in solution. RSC Advances, 2014, 4, 7330-7339.	1.7	17
18	Tracing possible structural asymmetry of silica gel used for precoating thin-layer chromatography plates. Journal of Planar Chromatography - Modern TLC, 2006, 19, 278-281.	0.6	16

#	Article	IF	Citations
19	On the stereochemically peculiar two-dimensional separation of 2-arylpropionic acids by chiral TLC. Journal of Planar Chromatography - Modern TLC, 2006, 19, 273-277.	0.6	16
20	Physico-chemical modelling of solute retention in reversed-phase HPLC with methanol-water mobile phase. Chromatographia, 1989, 27, 628-630.	0.7	15
21	LOW TEMPERATURE PLANAR CHROMATOGRAPHYâ€"DENSITOMETRY AND GAS CHROMATOGRAPHY OF ESSENTIAL OILS FROM DIFFERENT SAGE (SALVIA) SPECIES. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 936-947.	0.5	15
22	In vitro Chiral Conversion, Phase Separation, and Wave Propagation in Aged Profen Solutions. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 1359-1372.	0.5	14
23	HPLC-DAD Evidence of the Oscillatory Chiral Conversion of Phenylglycine. Journal of Chromatographic Science, 2014, 52, 329-333.	0.7	14
24	Thin-layer chromatographic quantification of magnolol and honokiol in dietary supplements and selected biological properties of these preparations. Journal of Chromatography A, 2020, 1625, 461230.	1.8	13
25	On Spontaneously Pulsating Proline-Phenylalanine Peptide Microfibers. Current Protein and Peptide Science, 2016, 17, 106-116.	0.7	13
26	TLC-MS VERSUS TLC-LC-MS FINGERPRINTS OF HERBAL EXTRACTS. PART I. ESSENTIAL OILS. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 848-863.	0.5	12
27	COMPARISON OF TLC AND HPLC FINGERPRINTS OF PHENOLIC ACIDS AND FLAVONOIDS FRACTIONS DERIVED FROM SELECTED SAGE (SALVIA) SPECIES. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 1388-1403.	0.5	12
28	Drug-like Properties and Fraction Lipophilicity Index as a combined metric. ADMET and DMPK, 2021, 9, 177-190.	1.1	12
29	On the Mechanism of Oscillatory Changes of the Retardation Factor (RF) and the Specific Rotation [Î±]D with Selected Solutions of Sâ€(+)â€Naproxen. Journal of Liquid Chromatography and Related Technologies, 2006, 29, 2071-2082.	0.5	11
30	Use of Video Densitometry and Scanning Densitometry to Study an Impact of Silica Gel and Lâ€Arginine on the Retention of Ibuprofen and Naproxen in TLC Systems. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 2369-2383.	0.5	11
31	Low-temperature TLC-MS of essential oils from five different sage(Salvia)species. Journal of Planar Chromatography - Modern TLC, 2010, 23, 270-276.	0.6	11
32	TLC AND POLARIMETRIC INVESTIGATION OF THE OSCILLATORY IN VITRO CHIRAL CONVERSION OF R-Î²-HYDROXYBUTYRIC ACID. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 1047-1057.	0.5	11
33	MARKER FINGERPRINTS ORIGINATING FROM TLC AND HPLC FOR SELECTED PLANTS FROM THELAMIACEAEFAMILY. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 2463-2475.	0.5	11
34	THIN-LAYER CHROMATOGRAPHIC EVIDENCE OF PROLINE PEPTIDIZATION IN SOLUTION AND ITS THIN-LAYER CHROMATOGRAPHIC ENANTIOSEPARATION. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 2497-2511.	0.5	11
35	APPLICATION OF ACCELERATED SOLVENT EXTRACTION (ASE) AND THIN LAYER CHROMATOGRAPHY (TLC) TO DETERMINATION OF PIPERINE IN COMMERCIAL SAMPLES OF PEPPER (PIPER NIGRUML.). Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2980-2988.	0.5	11
36	Antioxidant Activity of Selected Thyme (Thymus L.) Species and Study of the Equivalence of Different Measuring Methodologies. Journal of AOAC INTERNATIONAL, 2015, 98, 876-882.	0.7	11

#	Article	IF	Citations
37	Antibacterial potential of the phenolics extracted from thePaulownia tomentosaL. leaves as studied with use of high-performance thin-layer chromatography combined with direct bioautography. Journal of Liquid Chromatography and Related Technologies, 2019, 42, 282-289.	0.5	11
38	Physico-chemical modelling of solute retention in reversed-phase HPLC with temary mobile phases. Chromatographia, 1989, 28, 354-358.	0.7	10
39	Oligomerization Oscillations of <scp>l</scp>-Lactic Acid in Solution. Journal of Physical Chemistry A, 2011, 115, 14331-14339.	1.1	10
40	Condensation Dynamics of the L-Pro-L-Phe and L-Hyp-L-Phe Binary Mixtures in Solution. Journal of Chromatographic Science, 2015, 53, 31-37.	0.7	10
41	Spontaneous Pulsation of Peptide Microstructures in an Abiotic Liquid System. Journal of Chromatographic Science, 2016, 54, 1301-1309.	0.7	10
42	TLC-Based Start-to-End Method of Analysis of Selected Biologically Active Compounds Contained in Common Sage (Salvia officinalis L.). Journal of Liquid Chromatography and Related Technologies, 2009, 32, 1223-1240.	0.5	9
43	DETERMINATION OF HEMIN, PROTOPORPHYRIN IX, AND ZINC(II) PROTOPORPHYRIN IX IN PARMA HAM USING THIN LAYER CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2971-2979.	0.5	9
44	Optimization of Extraction Based on the Thin-Layer Chromatographic Fingerprints of Common Thyme. Journal of AOAC INTERNATIONAL, 2014, 97, 1274-1281.	0.7	9
45	Binary HPLC-Diode Array Detector and HPLC-Evaporative Light-Scattering Detector Fingerprints of Methanol Extracts from the Selected Sage (Salvia) Species. Journal of AOAC INTERNATIONAL, 2011, 94, 71-76.	0.7	8
46	The HPLC/DAD Fingerprints and Chemometric Analysis of Flavonoid Extracts from the Selected Sage (Salvia) Species. Chromatography Research International, 2012, 2012, 1-8.	0.4	8
47	Investigation of Spontaneous Chiral Conversion and Oscillatory Peptidization of <scp>L</scp>-Methionine by Means of TLC and HPLC. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 1164-1171.	0.5	7
48	Chiral thin-layer chromatography in dynamic studies: A short review. Journal of Planar Chromatography - Modern TLC, 2017, 30, 333-339.	0.6	7
49	Lateral relocation in thin-layer chromatography. Journal of Planar Chromatography - Modern TLC, 2012, 25, 208-213.	0.6	6
50	Thin-layer chromatographic investigation of<scp>l</scp>-cysteine in solution. Journal of Planar Chromatography - Modern TLC, 2015, 28, 144-151.	0.6	6
51	HPLC Monitoring of Spontaneous Non-Linear Peptidization Dynamics of Selected Amino Acids in Solution. Journal of Chromatographic Science, 2015, 53, 401-410.	0.7	6
52	Scanning Electron Microscopic Evidence of Spontaneous Heteropeptide Formation in Abiotic Solutions of Selected Î±â€Amino Acid Pairs. Israel Journal of Chemistry, 2016, 56, 1057-1066.	1.0	6
53	Impact of D2O on peptidization of l-Cysteine. Reaction Kinetics, Mechanisms and Catalysis, 2018, 125, 555-565.	0.8	6
54	Prediction Models for Brain Distribution of Drugs Based on Biomimetic Chromatographic Data. Molecules, 2022, 27, 3668.	1.7	6

#	Article	IF	Citations
55	Raman Spectroscopic Characterization of RP-18-Type Chemically Bonded Stationary Phases for Liquid Chromatography. Journal of AOAC INTERNATIONAL, 1999, 82, 297-304.	0.7	5
56	The aggregation of naproxen in acetonitrile and tetrahydrofuran studied by the ultrasonic, volumetric and viscometric methods. Journal of Molecular Liquids, 2008, 141, 8-16.	2.3	5
57	Thin-layer chromatographic investigation of plant pigments in selected juices and infusions of cosmetological importance and their antioxidant potential. Journal of Liquid Chromatography and Related Technologies, 2017, 40, 311-319.	0.5	5
58	Effect of long-term cadmium and copper intoxication on the efficiency of ampullate silk glands in false black widow Steatoda grossa (Theridiidae) spiders. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 224, 108564.	1.3	5
59	Impact of D2O on the peptidization of l-methionine. Reaction Kinetics, Mechanisms and Catalysis, 2019, 126, 939-949.	0.8	5
60	An HPLC-DAD and LC-MS Study of Condensation Oscillations with S(+)-Ketoprofen Dissolved in Acetonitrile. Journal of Chromatographic Science, 2012, 50, 237-244.	0.7	4
61	Thin-layer chromatographic fingerprinting of the nonvolatile fraction extracted from the medicinal herb Cistus incanus L.. Journal of Liquid Chromatography and Related Technologies, 2017, 40, 304-310.	0.5	4
62	Thin-layer chromatographic method of screening the anthocyanes containing alimentary products and precautions taken at the method development step. Journal of Chromatography A, 2017, 1530, 211-218.	1.8	4
63	The influence of heavy water as a solvent on the spontaneous oscillatory reactions of Î±-amino acids. Reaction Kinetics, Mechanisms and Catalysis, 2018, 123, 141-153.	0.8	4
64	Investigation of antibacterial and cytotoxic potential of phenolics derived fromCistus incanusL. by means of thin-layer chromatography-direct bioautography and cytotoxicity assay. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 349-357.	0.5	4
65	Impact of D2O on peptidization of l-proline. Reaction Kinetics, Mechanisms and Catalysis, 2019, 128, 599-610.	0.8	4
66	Development of a Novel Thin-Layer Chromatographic Method of Screening the Red Beet (Beta vulgaris) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	4
67	A Comparison of Methodical Approaches to Fingerprinting of the Volatile Fraction from Winter Savory (Satureja montana). Chromatography Research International, 2012, 2012, 1-8.	0.4	3
68	Dynamics of Spontaneous Peptidization of l-, d- and dl-Serine in an Abiotic Solution as Investigated with Use of TLC-Densitometry and the Auxiliary Chromatographic Techniques. Journal of Chromatographic Science, 2016, 54, 1090-1095.	0.7	3
69	Thin-layer chromatographic identification of flavonoids and phenolic acids contained in cosmetic raw materials. Journal of Liquid Chromatography and Related Technologies, 2016, 39, 286-291.	0.5	3
70	Impact of D2O on peptidization of l-hydroxyproline. Reaction Kinetics, Mechanisms and Catalysis, 2020, 129, 17-28.	0.8	3
71	Mixed-Mode Hydrophilic Interactions/Reversed-Phase Retention Mechanism in Thin-Layer Chromatography. Journal of Chromatographic Science, 2022, 60, 372-386.	0.7	3
72	Pharmaceutical and Herbal Fingerprinting by Means of Chromatographic Techniques. Chromatography Research International, 2012, 2012, 1-2.	0.4	2

#	Article	IF	Citations
73	Vulnerability of anthocyanins to the components of a thin-layer chromatographic system and comprehensive screening of anthocyanes in alimentary products. Journal of Chromatography A, 2018, 1572, 137-144.	1.8	2
74	The Hampering Effect of Heavy Water (D2O) on Oscillatory Peptidization of Selected Proteinogenic Î±-Amino Acids. Frontiers in Chemistry, 2020, 8, 541.	1.8	2
75	Impact of D2O on the peptidization of L-alanine. Reaction Kinetics, Mechanisms and Catalysis, 2020, 130, 5-15.	0.8	2
76	Liquid Chromatographic Investigation of Spontaneous Oscillatory In Vitro Chiral Conversion and Spontaneous Oscillatory Condensation of Simple Carboxylic Acids in Aqueous and Nonaqueous Media. Chromatography Research International, 2011, 2011, 1-11.	0.4	1
77	Polarimetric Detection in HPLC of R(-)-Naproxen: Features and Intrinsic Weakness. Journal of Chromatographic Science, 2013, 51, 349-354.	0.7	1
78	Bioautographic Screening of Antibacterial Properties of Selected Juices, Herbal Infusions, and Cosmetic Ingredients. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 1154-1159.	0.5	1
79	Investigation of spontaneous non-linear peptidization dynamics and mechanism with selected Î±-amino acid pairs. Reaction Kinetics, Mechanisms and Catalysis, 2016, 118, 129-142.	0.8	1
80	Impact of D2O on peptidization of L-histidine. Reaction Kinetics, Mechanisms and Catalysis, 2021, 133, 43-53.	0.8	1
81	Mechanistic Consequences of the â€œBinary Solutionsâ€•Model. Lipid - Fett, 1988, 90, 222-226.	0.6	0
82	Eine neue MÃ¶glichkeit zur Voraussage der Retentionsparameter bei der AdsorptionsdÃ¼nnschichtchromatographie. Lipid - Fett, 1988, 90, 259-263.	0.6	0
83	Chromatographic Enantioseparations in Achiral Environments: Myth or Truth?. Journal of Chromatographic Science, 2017, 55, 748-749.	0.7	0
84	The Position of ADME Predictions in Multi-Objective QSAR. International Journal of Quantitative Structure-Property Relationships, 2021, 6, 1-8.	1.1	0
85	Identification and quantification of fatty acids in hunting web of adult Steatoda grossa (Theridiidae) female spiders. Acta Chromatographica, 2021, 34, 71-76.	0.7	0