

# Tomasz Tuzimski

## List of Publications by Year in descending order

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86  
papers

1,765  
citations

361045

20  
h-index

315357

38  
g-index

87  
all docs

87  
docs citations

87  
times ranked

1730  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, determination of the lipophilicity, anticancer and antimicrobial properties of some fused 1,2,4-triazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 404-419.	2.6	230
2	A review of recent developments and trends in the QuEChERS sample preparation approach. <i>Open Chemistry</i> , 2015, 13, .	1.0	230
3	QuEChERS-based extraction with dispersive solid phase extraction clean-up using PSA and ZrO <sub>2</sub> -based sorbents for determination of pesticides in bovine milk samples by HPLC-DAD. <i>Food Chemistry</i> , 2017, 217, 225-233.	4.2	91
4	Application of HPLC-DAD after SPE/QuEChERS with ZrO <sub>2</sub> -based sorbent in d-SPE clean-up step for pesticide analysis in edible oils. <i>Food Chemistry</i> , 2016, 190, 71-79.	4.2	89
5	Recent Trends in Sample Preparation and Liquid Chromatography/Mass Spectrometry for Pesticide Residue Analysis in Food and Related Matrixes. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 1143-1162.	0.7	62
6	Review of Chromatographic Methods Coupled with Modern Detection Techniques Applied in the Therapeutic Drugs Monitoring (TDM). <i>Molecules</i> , 2020, 25, 4026.	1.7	62
7	Correlation of retention parameters of pesticides in normal- and reversed-phase systems and their utilization for the separation of a mixture of 14 triazines and urea herbicides by means of two-dimensional thin-layer chromatography. <i>Journal of Chromatography A</i> , 2002, 961, 277-283.	1.8	47
8	Method Development for Selected Bisphenols Analysis in Sweetened Condensed Milk from a Can and Breast Milk Samples by HPLC-DAD and HPLC-Qq-MS: Comparison of Sorbents (Z-SEP, Z-SEP Plus, PSA,). <i>Tj ETQq 0 0 rgB42Overlock</i>	0.7	47
9	Application of different modes of thin-layer chromatography and mass spectrometry for the separation and detection of large and small biomolecules. <i>Journal of Chromatography A</i> , 2011, 1218, 8799-8812.	1.8	41
10	Application of High-Performance Liquid Chromatography with Diode Array Detector for Simultaneous Determination of 11 Synthetic Dyes in Selected Beverages and Foodstuffs. <i>Food Analytical Methods</i> , 2017, 10, 3572-3588.	1.3	41
11	Application of SPE-HPLC-DAD and SPE-TLC-DAD to the determination of pesticides in real water samples. <i>Journal of Separation Science</i> , 2008, 31, 3537-3542.	1.3	28
12	Determination of Selected Isoquinoline Alkaloids from <i>Mahonia aquifolia</i> ; <i>Meconopsis cambrica</i> ; <i>Corydalis lutea</i> ; <i>Dicentra spectabilis</i> ; <i>Fumaria officinalis</i> ; <i>Macleaya cordata</i> Extracts by HPLC-DAD and Comparison of Their Cytotoxic Activity. <i>Toxins</i> , 2019, 11, 575.	1.5	28
13	Application of HPLC-DAD and TLC-DAD after SPE to the Quantitative Analysis of Pesticides in Water Samples. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 32, 1241-1258.	0.5	27
14	Determination of Pesticides in Sunflower Seeds by High-Performance Liquid Chromatography Coupled with a Diode Array Detector. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1012-1020.	0.7	27
15	A new procedure for separation of complex mixtures of pesticides by multidimensional planar chromatography. <i>Journal of Separation Science</i> , 2007, 30, 964-970.	1.3	25
16	Simple, cost-effective and sensitive liquid chromatography diode array detector method for simultaneous determination of eight sulfonylurea herbicides in soya milk samples. <i>Journal of Chromatography A</i> , 2016, 1473, 56-65.	1.8	24
17	Determination of Anti-Alzheimer's Disease Activity of Selected Plant Ingredients. <i>Molecules</i> , 2022, 27, 3222.	1.7	24
18	Determination of analytes in medical herbs extracts by SPE coupled with two-dimensional planar chromatography in combination with diode array scanning densitometry and HPLC-diode array detector. <i>Journal of Separation Science</i> , 2011, 34, 27-36.	1.3	23

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19	Synthesis, structure elucidation, determination of the lipophilicity and identification of antitumour activities in vitro of novel 3-(2-furanyl)-8-aryl-7,8-dihydroimidazo[2,1-c][1,2,4]triazin-4(6H)-ones with a low cytotoxicity towards normal human skin fibroblast cells. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5103-5116.	1.4	22
20	Method Development for Sulfonylurea Herbicides Analysis in Rapeseed Oil Samples by HPLC-DAD: Comparison of Zirconium-Based Sorbents and EMR-Lipid for Clean-up of QuEChERS Extract. <i>Food Analytical Methods</i> , 2017, 10, 3666-3679.	1.3	22
21	Chemometric characterization of the R <sub>F</sub> values of pesticides in thin-layer chromatography on silica with mobile phases comprising a weakly polar diluent and a polar modifier. Part V. <i>Journal of Planar Chromatography - Modern TLC</i> , 2002, 15, 164-168.	0.6	21
22	Determination of Pesticides in Water Samples from the Wieprz-Krzna Canal in the czysko-Wodawskie Lake District of Southeastern Poland by Thin-Layer Chromatography with Diode Array Scanning and High-Performance Column Liquid Chromatography with Diode Array Detection. <i>Journal of AOAC INTERNATIONAL</i> , 2008, 91, 1203-1209.	0.7	21
23	Comparison of SPE/d-SPE and QuEChERS-Based Extraction Procedures in Terms of Fungicide Residue Analysis in Wine Samples by HPLC-DAD and LC-QqQ-MS. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 1436-1443.	0.7	21
24	Use of thin-layer chromatography in combination with diode-array scanning densitometry for identification of fenitrothion in apples. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005, 18, 419-422.	0.6	21
25	Separation of a mixture of eighteen pesticides by two-dimensional thin-layer chromatography on a cyanopropyl-bonded polar stationary phase. <i>Journal of Planar Chromatography - Modern TLC</i> , 2004, 17, 328-334.	0.6	19
26	Retention data for some carbonyl derivatives of imidazo[2,1-c][1,2,4]triazine in reversed-phase systems in TLC and HPLC and their use for determination of lipophilicity. Part 1. Lipophilicity of 8-aryl-3-phenyl-6,7-dihydro-4H-imidazo[2,1-c][1,2,4]triazin-4-ones. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005, 18, 274-281.	0.6	19
27	Application of SPE-HPLC-DAD and SPE-HPTLC-DAD to the analysis of pesticides in lake water. <i>Journal of Planar Chromatography - Modern TLC</i> , 2009, 22, 235-240.	0.6	19
28	QuEChERS-Based Extraction Procedures for the Analysis of Bisphenols S and A in Breast Milk Samples by LC-QqQ-MS. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 23-32.	0.7	19
29	Two-dimensional TLC with adsorbent gradients of the type silica-octadecyl silica and silica-cyanopropyl for separation of mixtures of pesticides. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005, 18, 349-357.	0.6	19
30	Separation of multicomponent mixtures of pesticides by graft thin-layer chromatography on connected silica and octadecyl silica layers. <i>Journal of Planar Chromatography - Modern TLC</i> , 2007, 20, 13-18.	0.6	19
31	Strategy for separation of complex mixtures by multidimensional planar chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2008, 21, 49-54.	0.6	18
32	Comparison of Anticancer Activity and HPLC-DAD Determination of Selected Isoquinoline Alkaloids from <i>Thalictrum foetidum</i> , <i>Berberis</i> sp. and <i>Chelidonium majus</i> Extracts. <i>Molecules</i> , 2019, 24, 3417.	1.7	18
33	Correlation of retention data of pesticides in normal- and reversed-phase systems and utilization of the data for separation of a mixture of ten urea herbicides by two-dimensional thin-layer chromatography on cyanopropyl-bonded polar stationary phase and on a two-adsorbent-layer Multi-K SC5 plates. <i>Journal of Planar Chromatography - Modern TLC</i> , 2003, 16, 263-267.	0.6	18
34	Basic Principles of Planar Chromatography and Its Potential for Hyphenated Techniques. , 2011, , 247-310.		16
35	Determination of clofentezine in medical herb extracts by chromatographic methods combined with diode array scanning densitometry. <i>Journal of Separation Science</i> , 2010, 33, 1954-1958.	1.3	14
36	Application of HPLC and TLC with Diode Array Detection After SPE to the Determination of Pesticides in Water Samples from the Zemborzycki Reservoir (Lublin, Southeastern Poland). <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 1748-1756.	0.7	14

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37	Determination of sulfonated water-soluble azo dyes in foods by SPE coupled with HPTLC-DAD. <i>Journal of Planar Chromatography - Modern TLC</i> , 2011, 24, 281-289.	0.6	14
38	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.	0.7	14
39	A solid-phase extraction-thin-layer chromatographic-fiber optical scanning densitometric method for determination of flavonol aglycones in extracts of rose leaves. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005, 18, 437-442.	0.6	13
40	Application of solid-phase extraction and planar chromatography with diode-array detection to the qualitative and quantitative analysis of dyes in beverages. <i>Journal of Planar Chromatography - Modern TLC</i> , 2008, 21, 89-96.	0.6	13
41	New procedure for analysis of complex mixtures by use of multidimensional planar chromatography in combination with diode-array scanning densitometry and high-performance liquid chromatography coupled with diode-array detection. <i>Journal of Planar Chromatography - Modern TLC</i> , 2010, 23, 184-189.	0.6	12
42	Structure-retention behaviour of biologically active fused 1,2,4-triazinones Correlation with in silico molecular properties. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 68, 114-126.	1.9	12
43	A QuEChERS-Based Sample Preparation Method for the Analysis of 5-Nitroimidazoles in Bovine Milk by HPLC-DAD. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1671-1680.	0.7	12
44	Application of d-SPE before SPE and HPLC-FLD to Analyze Bisphenols in Human Breast Milk Samples. <i>Molecules</i> , 2021, 26, 4930.	1.7	11
45	Application of Solid-Phase Extraction and High-Performance Liquid Chromatography with Fluorescence Detection to Analyze Eleven Bisphenols in Amniotic Fluid Samples Collected during Amniocentesis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2309.	1.2	11
46	DETERMINATION OF PESTICIDES IN WINES SAMPLES BY HPLC-DAD AND HPTLC-DAD. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 1415-1428.	0.5	9
47	Comparison of Various Chromatographic Systems for Analysis of Cytisine in Human Serum, Saliva and Pharmaceutical Formulation by HPLC with Diode Array, Fluorescence or Mass Spectrometry Detection. <i>Molecules</i> , 2019, 24, 2580.	1.7	9
48	Review of New Trends in the Analysis of Allergenic Residues in Foods and Cosmetic Products. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 997-1028.	0.7	9
49	A simple stripping voltammetric method for the determination of a new anticancer prodrug in serum. <i>Biosensors and Bioelectronics</i> , 2017, 94, 584-588.	5.3	8
50	Application of Mobile Phases Containing Ionic Liquid for HPLC Analysis of Selected Isoquinoline Alkaloids. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1652-1659.	0.7	8
51	Comparison of Various Chromatographic Systems for Identification of Vortioxetine in Bulk Drug Substance, Human Serum, Saliva, and Urine Samples by HPLC-DAD and LC-QTOF-MS. <i>Molecules</i> , 2020, 25, 2483.	1.7	8
52	Two-dimensional thin-layer chromatography of eight cephalosporins on silica gel layers. <i>Journal of Planar Chromatography - Modern TLC</i> , 2004, 17, 46-50.	0.6	7
53	Detection and Analysis of Xenobiotics in Food Products and Environmental and Biological Samples by High-Performance Chromatographic Techniques Coupled with High-Resolution Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 1-2.	0.7	7
54	Application of HPLC-DAD for In Vitro Investigation of Acetylcholinesterase Inhibition Activity of Selected Isoquinoline Alkaloids from <i>Sanguinaria canadensis</i> Extracts. <i>Molecules</i> , 2021, 26, 230.	1.7	7

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55	Determination of Cytotoxic Activity of <i>Sanguinaria canadensis</i> Extracts against Human Melanoma Cells and Comparison of Their Cytotoxicity with Cytotoxicity of Some Anticancer Drugs. <i>Molecules</i> , 2021, 26, 1738.	1.7	7
56	Application of Solid Phase Extraction and High-Performance Liquid Chromatography with Fluorescence Detection to Analyze Bisphenol A Bis (2,3-Dihydroxypropyl) Ether (BADGE 2H2O), Bisphenol F (BPF), and Bisphenol E (BPE) in Human Urine Samples. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10307.	1.2	7
57	Two-stage fractionation of a mixture of pesticides by micropreparative TLC and HPLC. <i>Journal of Planar Chromatography - Modern TLC</i> , 2005, 18, 39-43.	0.6	7
58	Isoquinoline Alkaloid Contents in <i>Macleaya cordata</i> Extracts and Their Acetylcholinesterase and Butyrylcholinesterase Inhibition. <i>Molecules</i> , 2022, 27, 3606.	1.7	7
59	Analysis of Selected Anti-Depressive Drugs by High Performance Thin-Layer Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 1913-1924.	0.5	6
60	Multidimensional Chromatography in Pesticides Analysis. , 2011, , .		6
61	Optimization of chromatographic systems for analysis of selected psychotropic drugs and their metabolites in serum and saliva by HPLC in order to monitor therapeutic drugs. <i>Open Chemistry</i> , 2019, 17, 1361-1373.	1.0	6
62	Determination of Cytotoxic Activity of Selected Isoquinoline Alkaloids and Plant Extracts Obtained from Various Parts of <i>Mahonia aquifolium</i> Collected in Various Vegetation Seasons. <i>Molecules</i> , 2021, 26, 816.	1.7	6
63	Application of mobile phases containing ionic liquid for the separation of a mixture of ten selected isoquinoline alkaloids by 2D-TLC and identification of analytes in <i>Rhizoma Coptidis</i> (Huang Lian) Extract by TLC and HPLC-DAD. <i>Journal of Planar Chromatography - Modern TLC</i> , 2017, 30, 245-250.	0.6	5
64	Use of Planar Chromatography in Pesticide Residue Analysis. , 2009, , 187-264.		5
65	Separation of Four Mixtures of Pesticides by Pressurized Planar Electrochromatography (PPEC). <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 1757-1767.	0.7	4
66	Some aspects of multidimensional chromatographic techniques coupled with mass spectrometry applied for the separation of multicomponent mixtures of pesticides. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 190-204.	0.6	4
67	Chemometric characterization of the R <sub>F</sub> values of pesticides in thin-layer chromatography on silica with mobile phases comprising a weakly polar diluent and a polar modifier. Part IV. <i>Journal of Planar Chromatography - Modern TLC</i> , 2002, 15, 124-127.	0.6	4
68	High-Performance Liquid Chromatography versus Other Modern Analytical Methods for Determination of Pesticides. <i>Chromatographic Science</i> , 2015, , 491-530.	0.1	3
69	Separation of a mixture of eleven alkaloids by 2D-TLC on Multi-K CS5 plates and identification of analytes in <i>Thalictrum foetidum</i> root extract by TLC and HPLC-DAD. <i>Journal of Planar Chromatography - Modern TLC</i> , 2017, 30, 142-147.	0.6	3
70	Herbicides and Pesticides. , 2018, , .		3
71	Ionic Liquids Applied to Extraction of Xenobiotics from Food, Environmental, and Biological Samples and for Analysis by Liquid Chromatography. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 3-22.	0.7	3
72	Application of RP-HPLC-Diode Array Detector after SPE to the Determination of Pesticides in Pepper Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2012, 95, 1357-1361.	0.7	2

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73	Methods of Pesticide Residue Analysis. Journal of AOAC INTERNATIONAL, 2012, 95, 1256-1257.	0.7	2
74	Advanced Spectroscopic Detectors for Identification and Quantification. , 2015, , 239-248.		2
75	Square-wave adsorptive stripping voltammetric approaches at two in situ modified electrodes as first analytical methods for the quantitative determination of a new anticancer drug candidate. Journal of the Iranian Chemical Society, 2019, 16, 2755-2763.	1.2	2
76	New Trends in Pesticide Residue Analysis in Various Sample Matrixes. Journal of AOAC INTERNATIONAL, 2014, 97, 963-964.	0.7	1
77	Multiclass, Multiresidue Methods (MRMs) for the Determination of Pesticides by Modern Extraction and Detection Techniques: The Combination of QuEChERS and High-Resolution Mass Spectrometry (HRMS). Journal of AOAC INTERNATIONAL, 2016, 99, 1381-1382.	0.7	1
78	Determination of pesticides in water samples from the Wieprz-krzna Canal in the Leczyńsko-Włodawskie Lake District of southeastern Poland by thin-layer chromatography with diode array scanning and high-performance column liquid chromatography with diode array detection. Journal of AOAC INTERNATIONAL, 2008, 91, 1203-9.	0.7	1
79	Application of HPLC and TLC with diode array detection after SPE to the determination of pesticides in water samples from the Zemborzycki Reservoir (Lublin, southeastern Poland). Journal of AOAC INTERNATIONAL, 2010, 93, 1748-56.	0.7	1
80	Modern Gas Chromatography, Column Liquid Chromatography, Planar Chromatography, and Bioanalytical Methods for the Analysis of Pesticides and Study of Quantitative Structure-Retention Relationships. Journal of AOAC INTERNATIONAL, 2010, 93, 1679-1680.	0.7	0
81	Analysis of Pesticides by HPLC-UV, HPLC-DAD (HPLC-PDA), and Other Detection Methods. Chromatographic Science, 2015, , 325-348.	0.1	0
82	New Trends in Pesticide Residue Analysis in Food, Dietary Supplements, and Highly Processed Consumer Products. Journal of AOAC INTERNATIONAL, 2015, 98, 1141-1142.	0.7	0
83	Chromatography – Theory and Applications, In Memoriam of Prof. Dr. hab. Edward Soczewiński (1928–2016). Journal of AOAC INTERNATIONAL, 2017, 100, 1585-1589.	0.7	0
84	Selection of the Type of Mobile Phases for Analysis of Nonionic Analytes: Reversed- and Normal-Phase HPLC. Chromatographic Science, 2015, , 167-190.	0.1	0
85	Modern gas chromatography, column liquid chromatography, planar chromatography, and bioanalytical methods for the analysis of pesticides and study of quantitative structure-retention relationships. Journal of AOAC INTERNATIONAL, 2010, 93, 1679-80.	0.7	0
86	Separation of four mixtures of pesticides by pressurized planar electrochromatography (PPEC). Journal of AOAC INTERNATIONAL, 2010, 93, 1757-67.	0.7	0