Marek Wesolowski

List of Publications by Year
in descending order

81 papers	1,184 citations	411340 20 h-index	511568 30 g-index
81 all docs	81 docs citations	81 times ranked	1850 citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of Compatibility Between Polymeric Excipients and Atenolol Using Principal Component Analysis and Hierarchical Cluster Analysis. AAPS PharmSciTech, 2022, 23, 3.	1.5	3
2	Trace Elements in Medicinal Plants Traditionally Used in the Treatment of Diabetes—Do They Have a Role in the Claimed Therapeutic Effect?. Foods, 2022, 11, 667.	1.9	4
3	The effect of cellulose derivatives on paracetamol crystallinity reduction. Journal of Thermal Analysis and Calorimetry, 2022, 147, 10037-10048.	2.0	2
4	Studies on the chemical composition of plants used in traditional medicine in Congo. Open Chemistry, 2022, 20, 370-378.	1.0	0
5	DSC, FT-IR and NIR with Chemometric Assessment Using PCA and HCA for Estimation of the Chemical Stability of Oral Antidiabetic Drug Linagliptin in the Presence of Pharmaceutical Excipients. Molecules, 2022, 27, 4283.	1.7	4
6	Compatibility study of theophylline with excipients using thermogravimetry supported by kinetic analysis. Journal of Thermal Analysis and Calorimetry, 2021, 143, 227-236.	2.0	6
7	The effect of Cistus incanus herbal tea supplementation on oxidative stress markers and lipid profile in healthy adults. Cardiology Journal, 2021, 28, 534-542.	0.5	14
8	Morus alba L. and Morus nigra L. Leaves as a Promising Food Source of Phenolic Compounds with Antioxidant Activity. Plant Foods for Human Nutrition, 2021, 76, 458-465.	1.4	25
9	Miscibility and Solubility of Caffeine and Theophylline in Hydroxypropyl Methylcellulose. Pharmaceutics, 2021, 13, 1836.	2.0	4
10	Cortisol as a Biomarker of Mental Disorder Severity. Journal of Clinical Medicine, 2021, 10, 5204.	1.0	47
11	Study of essential and toxic elements content in medicinal herbs harvested in Ukraine. Research Journal of Pharmacy and Technology, 2021, , 6055-6060.	0.2	3
12	Quality assessment of <i>Coffea arabica</i> commercial samples. Natural Product Research, 2020, 34, 3154-3157.	1.0	3
13	Development and validation of solid-phase extraction coupled with a liquid chromatography-tandem mass spectrometry method for quantitation of olanzapine in saliva. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1136, 121896.	1.2	4
14	Structural Characterization of Co-Crystals of Chlordiazepoxide with p-Aminobenzoic Acid and Lorazepam with Nicotinamide by DSC, X-ray Diffraction, FTIR and Raman Spectroscopy. Pharmaceutics, 2020, 12, 648.	2.0	12
15	Phenolic Composition and Biological Properties of Wild and Commercial Dog Rose Fruits and Leaves. Molecules, 2020, 25, 5272.	1.7	22
16	Effects of Age, Drug Dose, and Sampling Time on Salivary Levels of Olanzapine, Quetiapine, and Their Metabolites. Journal of Clinical Medicine, 2020, 9, 3288.	1.0	3
17	Benzodiazepines co-crystals screening using FTIR and Raman spectroscopy supported by differential scanning calorimetry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 234, 118242.	2.0	9
18	Deproteinization as a Rapid Method of Saliva Purification for the Determination of Carbamazepine and Carbamazepine-10,11 Epoxide. Journal of Clinical Medicine, 2020, 9, 915.	1.0	6

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19	Health benefits of lemon balm (Melissa officinalis L.). Farmacja Polska, 2020, 75, 659-663.	0.1	0
20	Investigations of metallic elements and phenolics in Chinese medicinal plants. Open Chemistry, 2020, 18, 1381-1390.	1.0	2
21	Ashwagandha (Withania somnifera L.) - the plant with proven health-promoting properties. Farmacja Polska, 2020, 76, 442-447.	0.1	2
22	Simultaneous Quantification of Antipsychotic and Antiepileptic Drugs and Their Metabolites in Human Saliva Using UHPLC-DAD. Molecules, 2019, 24, 2953.	1.7	8
23	A Comparative Study on the Phenolic Composition and Biological Activities of Morus alba L. Commercial Samples. Molecules, 2019, 24, 3082.	1.7	32
24	DSC supported by factor analysis as a reliable tool for compatibility study in pharmaceutical mixtures. Journal of Thermal Analysis and Calorimetry, 2019, 138, 4531-4539.	2.0	18
25	Interactions Between Paracetamol and Hypromellose in the Solid State. Frontiers in Pharmacology, 2019, 10, 14.	1.6	20
26	Total Phenolic Contents and Antioxidant Potential of Herbs Used for Medical and Culinary Purposes. Plant Foods for Human Nutrition, 2019, 74, 61-67.	1.4	88
27	FTIR and TG analyses coupled with factor analysis in a compatibility study of acetazolamide with excipients. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 208, 285-293.	2.0	22
28	Thermomechanical analysis and thermal dielectric analysis in pharmacy. Farmacja Polska, 2019, 75, 633-637.	0.1	0
29	Evaluation of solid-phase extraction procedures for the quantitation of venlafaxine in human saliva by high-performance liquid chromatography. Journal of Separation Science, 2018, 41, 2151-2160.	1.3	1
30	Artificial neural networks as a supporting tool for compatibility study based on thermogravimetric data. Thermochimica Acta, 2018, 659, 222-231.	1.2	12
31	Chemical Composition of Selected Commercial Herbal Remedies in Relation to Geographical Origin and Inter-Species Diversity. Biological Trace Element Research, 2018, 182, 169-177.	1.9	21
32	DSC as a screening tool for rapid co-crystal detection in binary mixtures of benzodiazepines with co-formers. Journal of Thermal Analysis and Calorimetry, 2018, 133, 785-795.	2.0	48
33	Solid Phase Extraction Purification of Saliva Samples for Antipsychotic Drug Quantitation. Molecules, 2018, 23, 2946.	1.7	9
34	Simultaneous Quantification of Citalopram and its Main Metabolite, Desmethylcitalopram, in Human Saliva by UHPLC. Current Analytical Chemistry, 2018, 14, 554-561.	0.6	2
35	DSC, FTIR and Raman Spectroscopy Coupled with Multivariate Analysis in a Study of Co-Crystals of Pharmaceutical Interest. Molecules, 2018, 23, 2136.	1.7	16
36	Essential elements in synovial fluid samples obtained from patients living in Northern Poland. Journal of Trace Elements in Medicine and Biology, 2018, 48, 20-24.	1.5	1

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37	Comparison of Fe, Zn, Mn, Cu, Cd and Pb concentration in spruce needles collected in the area of Gdansk and Gdynia in Northern Poland. Ochrona Srodowiska I Zasobow Naturalnych, 2018, 29, 1-9.	0.4	2
38	Compatibility studies of hydrocortisone with excipients using thermogravimetric analysis supported by multivariate statistical analysis. Journal of Thermal Analysis and Calorimetry, 2017, 127, 543-553.	2.0	21
39	The Phenolic Contents and Antioxidant Activities of Infusions of Sambucus nigra L.. Plant Foods for Human Nutrition, 2017, 72, 82-87.	1.4	77
40	Principal component and cluster analyses as supporting tools for co-crystals detection. Journal of Thermal Analysis and Calorimetry, 2017, 130, 45-55.	2.0	13
41	Comparison of Infusions from Black and Green Teas (Camellia sinensis L. Kuntze) and Erva-mate (Ilex) Tj ETQq1 1 0.784314 rgBT /Ove Antioxidant Activity. Food Analytical Methods, 2017, 10, 3063-3070.	1.3	32
42	Cistus incanus L. commercial products as a good source of polyphenols in human diet. Industrial Crops and Products, 2017, 107, 297-304.	2.5	27
43	A Liquid–Liquid Extraction–Assisted HPLC Procedure for Assaying of Citalopram in Depressed Women Saliva. Current Pharmaceutical Analysis, 2017, 13, .	0.3	1
44	An Approach Based on HPLC-Fingerprint and Chemometrics to Quality Consistency Evaluation of Matricaria chamomilla L. Commercial Samples. Frontiers in Plant Science, 2016, 7, 1561.	1.7	40
45	Voltammetric quantitation of acetaminophen in tablets using solid graphite electrodes. Analytical Methods, 2016, 8, 3307-3315.	1.3	10
46	Fourier transform infrared spectroscopy supported by multivariate statistics in compatibility study of atenolol with excipients. Vibrational Spectroscopy, 2016, 86, 190-197.	1.2	13
47	Essential metals and phenolic acids in commercial herbs and spices. Multivariate analysis of correlations among them. Open Chemistry, 2015, 13, .	1.0	7
48	Relationships between flavonoids and selected elements in infusions of medicinal herbs. Open Chemistry, 2015, 13, .	1.0	8
49	Multivariate Statistical Analysis as a Supplementary Tool for Interpretation of Variations in Salivary Cortisol Level in Women with Major Depressive Disorder. Scientific World Journal, The, 2015, 2015, 1-8.	0.8	12
50	Phosphorus, iron, manganese, zinc and copper in relation to total flavonoids in medicinal herbs and their infusions originating from Poland, Lithuania and Ukraine / Fosfor, Å¼elazo, mangan, cynk i miedÅº w relacji do sumy flawonoidÃ³w w zioÅ‚ach leczniczych i naparach pochodzÄ…cych z Polski, Litwy i Ukrainy. Ochrona Srodowiska I Zasobow Naturalnych, 2015, 26, 26-29.	0.4	2
51	Detection of magnesium compounds in dietary supplements and medicinal products by DSC, Infrared and Raman techniques. Journal of Thermal Analysis and Calorimetry, 2014, 116, 671-680.	2.0	8
52	Thermogravimetric detection of incompatibilities between atenolol and excipients using multivariate techniques. Journal of Thermal Analysis and Calorimetry, 2013, 113, 169-177.	2.0	34
53	Salivary cortisol in women with major depressive disorder under selective serotonin reuptake inhibitors therapy. Archives of Women's Mental Health, 2013, 16, 139-147.	1.2	16
54	Quality consistency evaluation of Melissa officinalis L. commercial herbs by HPLC fingerprint and quantitation of selected phenolic acids. Journal of Pharmaceutical and Biomedical Analysis, 2013, 83, 215-220.	1.4	70

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55	The essential oils from Ligusticum mutellina of polish origin and the chemical relationship of its root essential oil with other Ligusticum species. Biochemical Systematics and Ecology, 2013, 49, 125-130.	0.6	5
56	Detection of compatibility between baclofen and excipients with aid of infrared spectroscopy and chemometry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 116, 532-538.	2.0	10
57	Classification of herbal mixtures on the basis of some metals content using pattern recognition techniques. Journal of Trace Elements in Medicine and Biology, 2013, 27, 168-170.	1.5	1
58	Simultaneous quantitation of venlafaxine and its main metabolite, O-desmethylvenlafaxine, in human saliva by HPLC. Journal of Separation Science, 2013, 36, 1726-1733.	1.3	20
59	Determination of Venlafaxine in Human Saliva by HPLC using Solid– Phase Extraction. Current Pharmaceutical Analysis, 2013, 9, 165-171.	0.3	2
60	Methods for extraction and determination of phenolic acids in medicinal plants: a review. Natural Product Communications, 2013, 8, 1821-9.	0.2	18
61	Artificial Neural Networks: Theoretical Background and Pharmaceutical Applications: A Review. Journal of AOAC INTERNATIONAL, 2012, 95, 652-668.	0.7	50
62	Application of Chemometrically Processed Thermogravimetric Data for Identification of Baclofen–Excipient Interactions. Journal of AOAC INTERNATIONAL, 2012, 95, 691-698.	0.7	8
63	DSC and IR as supporting tools for identification of methylxanthines in solid dosage forms of drugs. Journal of Thermal Analysis and Calorimetry, 2012, 109, 807-815.	2.0	5
64	Pattern recognition methods in the study of thermal decomposition of α-amino acids. Journal of Thermal Analysis and Calorimetry, 2012, 109, 585-593.	2.0	4
65	Pattern recognition methods as supplementary techniques for identification of salicylamide – cyclodextrins inclusion complexes. Open Chemistry, 2012, 10, 1534-1546.	1.0	2
66	The analysis of heavy metals content in herbal infusions. Open Medicine (Poland), 2012, 7, 457-464.	0.6	5
67	Bioavailable inorganic forms of essential elements in medicinal plants from Northern Poland. Chemical Speciation and Bioavailability, 2011, 23, 61-70.	2.0	6
68	Assessment of river water quality in the South Baltic coast by multivariate techniques. Open Chemistry, 2011, 9, 265-274.	1.0	8
69	Macro- and micro- elements in some herbal drug raw materials and their water extracts consumed in Poland. Open Chemistry, 2011, 9, 917-924.	1.0	3
70	Phosphorus and Its Water-Extractable Inorganic Form in Medicinal Herb Infusions. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1679-1687.	0.8	3
71	Herbal drug raw materials differentiation by neural networks using non-metals content. Open Chemistry, 2010, 8, 1298-1304.	1.0	2
72	Principal component analysis of thermal decomposition of magnesium salts used as drugs. Journal of Thermal Analysis and Calorimetry, 2010, 101, 505-512.	2.0	18

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73	Identification of diversity in elements content in medicinal plants belonging to different plant families. Food Chemistry, 2010, 120, 52-58.	4.2	56
74	Evaluation of Two Techniques for Extraction of Cortisol from Human Saliva. Chromatographia, 2009, 70, 769-774.	0.7	3
75	Determination of the water-extractable fraction of iron in selected medicinal plant raw materials: Folium Menthae, Folium Urticae and Folium Salviae. Chemical Speciation and Bioavailability, 2008, 20, 261-266.	2.0	1
76	Bioavailable inorganic forms of nitrogen and phosphorus in extracts of herbs, flowers and bark of medicinal plants. Chemical Speciation and Bioavailability, 2007, 19, 109-115.	2.0	3
77	The recognition of similarities in trace elements content in medicinal plants using MLP and RBF neural networks. Talanta, 2006, 69, 37-42.	2.9	32
78	The analysis of seasonal air pollution pattern with application of neural networks. Analytical and Bioanalytical Chemistry, 2005, 384, 458-467.	1.9	12
79	Thermoanalytical, chemical and principal component analysis of plant drugs. International Journal of Pharmaceutics, 2003, 262, 29-37.	2.6	23
80	The Application of Artificial Neural Networks for the Selection of Key Thermoanalytical Parameters in Medicinal Plants Analysis. Combinatorial Chemistry and High Throughput Screening, 2003, 6, 811-820.	0.6	5
81	Classification of rapeseed and soybean oils by use of unsupervised pattern-recognition methods and neural networks. Fresenius' Journal of Analytical Chemistry, 2001, 371, 323-330.	1.5	13