Marcin Koba

List of Publications by Year
in descending order

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60	537	949033 11	889612 19
papers	citations	h-index	g-index

60	60	60	814
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of LC-MS and LC-DAD Methods of Detecting Abused Piperazine Designer Drugs. Journal of Clinical Medicine, 2022, 11, 1758.	1.0	2
2	Application of Multivariate Adaptive Regression Splines (MARSplines) for Predicting Antitumor Activity of Anthrapyrazole Derivatives. International Journal of Molecular Sciences, 2022, 23, 5132.	1.8	8
3	Pharmacological classification of anticancer drugs applying chromatographic retention data and chemometric analysis. Chemical Papers, 2021, 75, 265-278.	1.0	7
4	Serum amino acid profiles in patients with mild cognitive impairment and in patients with mild dementia or moderate dementia. Amino Acids, 2021, 53, 97-109.	1.2	4
5	Application of Capillary Electrophoresis to the Analysis of Bioactive Compounds in Herbal Raw Materials. Molecules, 2021, 26, 2135.	1.7	17
6	Determination of patulin in products containing dried fruits by Enzymeâ€Linked Immunosorbent Assay technique Patulin in dried fruits. Food Science and Nutrition, 2021, 9, 4211-4220.	1.5	7
7	Recent Applications of Capillary Electrophoresis in the Determination of Active Compounds in Medicinal Plants and Pharmaceutical Formulations. Molecules, 2021, 26, 4141.	1.7	12
8	Selected Drug-Likeness Properties of 2-Arylidene-indan-1,3-dione Derivativesâ€"Chemical Compounds with Potential Anti-Cancer Activity. Molecules, 2021, 26, 5256.	1.7	3
9	Rapid Targeted Method of Detecting Abused Piperazine Designer Drugs. Journal of Clinical Medicine, 2021, 10, 5813.	1.0	3
10	Amino Acid Levels as Potential Biomarker of Elderly Patients with Dementia. Brain Sciences, 2020, 10, 914.	1.1	7
11	Comparison of Pteridine Normalization Methods in Urine for Detection of Bladder Cancer. Diagnostics, 2020, 10, 612.	1.3	3
12	Recent Applications of High Performance Thin Layer Chromatography and Derivative Spectrophotometry in Pharmaceutical Analysis. Current Pharmaceutical Analysis, 2020, 16, 671-689.	0.3	1
13	Piperazine derivatives as dangerous abused compounds. Acta Pharmaceutica, 2020, 70, 423-441.	0.9	12
14	Comparison of UV- and Derivative-Spectrophotometric and HPTLC UVDensitometric Methods for the Determination of Amrinone and Milrinone in Bulk Drugs. Current Pharmaceutical Analysis, 2020, 16, 246-253.	0.3	3
15	Application of Ionic Liquids for the Determination of Lipophilicity Parameters Using TLC Method, and QSRR Analysis for the Antipsychotic Drugs. Medicinal Chemistry, 2020, 16, 848-859.	0.7	0
16	Amino acid profiling as a method of discovering biomarkers for diagnosis of neurodegenerative diseases. Amino Acids, 2019, 51, 367-371.	1.2	48
17	Comparison of high-performance thin layer chromatography/UV-densitometry and UV-derivative spectrophotometry for the determination of trimetazidine in pharmaceutical formulations. Acta Pharmaceutica, 2019, 69, 413-422.	0.9	4
18	Determination of lormetazepam in tablets using high-performance thin-layer chromatography, high-performance liquid chromatography, and derivative spectrophotometry methods. Journal of Planar Chromatography - Modern TLC, 2018, 31, 235-242.	0.6	4

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19	Indandione and Its Derivatives - Chemical Compounds with High Biological Potential. Mini-Reviews in Medicinal Chemistry, 2018, 18, 1321-1330.	1.1	21
20	Chemometric Analysis for the Classification of some Groups of Drugs with Divergent Pharmacological Activity on the Basis of some Chromatographic and Molecular Modeling Parameters. Combinatorial Chemistry and High Throughput Screening, 2018, 21, 125-137.	0.6	2
21	Amino acid profiling as a method of discovering biomarkers for early diagnosis of cancer. Amino Acids, 2016, 48, 1339-1345.	1.2	59
22	Prediction of Acridinonesâ€™ Ability to Interstrand DNA Crosslinks Formation Using Connected QSRR and QSAR Analysis. Letters in Drug Design and Discovery, 2016, 13, 387-394.	0.4	2
23	QSRR and QSAR Studies of Antitumor Drugs in View of their Biological Activity Prediction. Medicinal Chemistry, 2016, 12, 592-600.	0.7	3
24	The Application of Connected QSRR and QSAR Strategies to Predict the Physicochemical Interaction of Acridinone Derivatives with DNA. Combinatorial Chemistry and High Throughput Screening, 2015, 17, 820-826.	0.6	3
25	Chemometric Analysis of Some Biologically Active Groups of Drugs on the Basis Chromatographic and Molecular Modeling Data. Medicinal Chemistry, 2015, 11, 432-452.	0.7	4
26	Analytical methods for determination of benzodiazepines. A short review. Open Chemistry, 2014, 12, 994-1007.	1.0	19
27	Quantitative Structure-Retention Relationships Studies of Selected Groups of Compounds Characterized by Different Pharmacological Activity Using Multiple Linear Regression Procedure. Letters in Drug Design and Discovery, 2014, 11, 1017-1039.	0.4	0
28	Ionic Liquids as Mobile Phase Additives for Feasible Assay of Naphazoline in Pharmaceutical Formulation by HPTLC-UV-Densitometric Method. Journal of Chromatographic Science, 2013, 51, 560-565.	0.7	26
29	Ability to determine the desferrioxamineâ€chelatable iron fractions of nontransferrinâ€bound iron using <scp>HPLC</scp>. Journal of Separation Science, 2013, 36, 665-669.	1.3	4
30	DETERMINATION OF LAMOTRIGINE IN TABLETS USING HPTLC, HPLC, AND DERIVATIVE SPECTROPHOTOMETRY METHODS. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 537-548.	0.5	5
31	The Comparison Between the Calculated and HPLC-Predicted Lipophilicity Parameters for Selected Groups of Drugs. Combinatorial Chemistry and High Throughput Screening, 2013, 16, 603-617.	0.6	3
32	Molecularly Imprinted Polymersâ€™ Applications: A Short Review. Mini-Reviews in Organic Chemistry, 2013, 10, 400-408.	0.6	18
33	The Evaluation of Multivariate Adaptive Regression Splines for the Prediction of Antitumor Activity of Acridinone Derivatives. Medicinal Chemistry, 2013, 9, 1041-1050.	0.7	8
34	Influence of LC Retention Data on Antitumor Acridinonesâ€™ Classification Evaluated by Factor Analysis Method. Combinatorial Chemistry and High Throughput Screening, 2012, 15, 674-683.	0.6	0
35	Application of Artificial Neural Networks for the Prediction of Antitumor Activity of a Series of Acridinone Derivatives. Medicinal Chemistry, 2012, 8, 309-319.	0.7	6
36	Importance of some classes of molecular descriptors on classification of antitumor acridinones using factor analysis. Medicinal Chemistry Research, 2012, 21, 2854-2862.	1.1	2

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37	The Influence of Lipophilicity on the Classification of Antitumor Acridinones Evaluated by Principal Component Analysis. Current Pharmaceutical Analysis, 2012, 8, 157-174.	0.3	3
38	Application of HPTLC and LC-MS Methods for Determination of Topiramate in Pharmaceutical Formulations. Current Pharmaceutical Analysis, 2012, 8, 44-48.	0.3	10
39	Determination of lipophilicity for antitumor acridinone derivatives supported by gradient high-performance liquid chromatography method. Open Chemistry, 2012, 10, 216-223.	1.0	10
40	Importance of retention data from affinity and reverse-phase high-performance liquid chromatography on antitumor activity prediction of imidazoacridinones using QSAR strategy. Journal of Pharmaceutical and Biomedical Analysis, 2012, 64-65, 87-93.	1.4	9
41	Pharmacological Classification of Drugs by Principal Component Analysis Applying Molecular Modeling Descriptors and HPLC Retention Data. Journal of Chromatographic Science, 2011, 49, 758-763.	0.7	9
42	UV densitometric HPTLC method for analysis of nitrazepam in pharmaceutical formulations. Journal of Planar Chromatography - Modern TLC, 2011, 24, 44-47.	0.6	3
43	Physicochemical interaction of antitumor acridinone derivatives with DNA in view of QSAR studies. Medicinal Chemistry Research, 2011, 20, 1385-1393.	1.1	9
44	Hepcidin: Biological Activity, Analytical Methods in Biological Fluids, Clinical Applications and Antagonists. A Short Review. Current Pharmaceutical Analysis, 2011, 7, 160-166.	0.3	1
45	Non-Transferrin Bound Iron - Determination in Biological Material and Clinical Implications. Current Pharmaceutical Analysis, 2011, 7, 280-285.	0.3	3
46	Mechanisms of Action of Imidazoacridinone and Triazoloacridinone Derivatives in View of their Biological Activity. Current Pharmaceutical Analysis, 2011, 7, 286-295.	0.3	6
47	Influence of HPLC Retention Data and Molecular Modeling Descriptors on Prediction of Pharmacological Classification of Drugs Using Principal Component Analysis Method. Combinatorial Chemistry and High Throughput Screening, 2010, 13, 765-776.	0.6	5
48	Factor analysis of microbiological activity data and structural parameters of antibacterial quinolones. Journal of Molecular Modeling, 2010, 16, 327-335.	0.8	13
49	Evaluation of molecular descriptors and HPLC retention data of analgesic and anti-inflammatory drugs by factor analysis in relation to their pharmacological activity. Journal of Molecular Modeling, 2010, 16, 1319-1331.	0.8	8
50	Principal Component Analysis of HPLC Retention Data and Molecular Modeling Structural Parameters of Cardiovascular System Drugs in View of Their Pharmacological Activity. International Journal of Molecular Sciences, 2010, 11, 2681-2698.	1.8	8
51	Chemometric Evaluation of the Significance of Molecular Structural Descriptors on Binding of Acridinone Derivatives to DNA. Letters in Drug Design and Discovery, 2010, 7, 494-499.	0.4	4
52	Determination of Oxazepam in Pharmaceutical Formulation by HPTLC UV-Densitometric and UV-Derivative Spectrophotometry Methods. Analytical Letters, 2009, 42, 1831-1843.	1.0	11
53	Artificial neural networks in prediction of antifungal activity of a series of pyridine derivatives against Candida albicans. Journal of Microbiological Methods, 2009, 76, 25-29.	0.7	25
54	Is DNA Minor Groove Binding Crucial for Biological Activity of Triazoloacridinones with Cytotoxic and Antitumour Properties?. Letters in Drug Design and Discovery, 2009, 6, 242-245.	0.4	3

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55	Application of UV-derivative spectrophotometry for determination of some bisphosphonates drugs in pharmaceutical formulations. Acta Poloniae Pharmaceutica, 2008, 65, 289-94.	0.3	14
56	Limitation of usage of PicoGreen dye in quantitative assays of double-stranded DNA in the presence of intercalating compounds.. Acta Biochimica Polonica, 2007, 54, 883-886.	0.3	10
57	Interactions of antitumor triazoloacridinones with DNA.. Acta Biochimica Polonica, 2007, 54, 297-306.	0.3	18
58	Interactions of antitumor triazoloacridinones with DNA. Acta Biochimica Polonica, 2007, 54, 297-306.	0.3	9
59	Limitation of usage of PicoGreen dye in quantitative assays of double-stranded DNA in the presence of intercalating compounds. Acta Biochimica Polonica, 2007, 54, 883-6.	0.3	5
60	Does the antitumor cyclopropylpyrroloindole antibiotic CC-1065 cross-link DNA in tumor cells?. Biochemical Pharmacology, 2001, 61, 67-72.	2.0	11