

# Igor G Zenkevich

## List of Publications by Year in descending order

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162  
papers

1,881  
citations

471509

17  
h-index

302126

39  
g-index

162  
all docs

162  
docs citations

162  
times ranked

1939  
citing authors

#	ARTICLE	IF	CITATIONS
1	Retention Indices for Frequently Reported Compounds of Plant Essential Oils. Journal of Physical and Chemical Reference Data, 2011, 40, .	4.2	580
2	Development of a database of gas chromatographic retention properties of organic compounds. Journal of Chromatography A, 2007, 1157, 414-421.	3.7	187
3	Identification of the Products of Oxidation of Quercetin by Air Oxygen at Ambient Temperature. Molecules, 2007, 12, 654-672.	3.8	121
4	Modern Trends of Organic Chemistry in Russian Universities. Russian Journal of Organic Chemistry, 2018, 54, 157-371.	0.8	68
5	Using new structurally related additive schemes in the precalculation of gas chromatographic retention indices of polychlorinated hydroxybiphenyls on HP-5 stationary phase. Journal of Chromatography A, 2004, 1025, 227-236.	3.7	43
6	A new version of an additive scheme for the prediction of gas chromatographic retention indices of the 211 structural isomers of 4-nonylphenol. Journal of Chromatography A, 2009, 1216, 4097-4106.	3.7	32
7	A comparison of the external standard and standard addition methods for the quantitative chromatographic determination of pesticide concentrations in plant samples. Journal of Analytical Chemistry, 2006, 61, 442-451.	0.9	27
8	Prediction of retention indices for identification of fatty acid methyl esters. Journal of Chromatography A, 2008, 1198-1199, 188-195.	3.7	27
9	Application of histograms in evaluation of large collections of gas chromatographic retention indices. Journal of Chromatography A, 2009, 1216, 6651-6661.	3.7	27
10	Application of recurrent relationships in chromatography. Journal of Chemometrics, 2009, 23, 179-187.	1.3	25
11	Comparison of physicochemical and gas chromatographic polarity measures for simple organic compounds. Journal of Chromatography A, 2010, 1217, 2895-2902.	3.7	24
12	Essential Oils of <i>Salvia sclarea</i> L. Produced from Plants Grown in Southern Uzbekistan. Journal of Essential Oil Research, 1995, 7, 597-604.	2.7	23
13	Determination of dissociation constants of species oxidizable in aqueous solution by air oxygen on an example of quercetin. Journal of Analytical Chemistry, 2010, 65, 371-375.	0.9	21
14	Regression algorithm for calculating second-dimension retention indices in comprehensive two-dimensional gas chromatography. Journal of Chromatography A, 2018, 1569, 178-185.	3.7	21
15	Application of recurrent relations in chemistry. Journal of Chemometrics, 2010, 24, 158-167.	1.3	20
16	Chromatographic quantitation at losses of analyte during sample preparation. Journal of Chromatography A, 2007, 1150, 117-123.	3.7	17
17	Approximation of any physicochemical constants of homologues with the use of recurrent functions. Journal of Mathematical Chemistry, 2009, 46, 913-933.	1.5	17
18	Retention Characteristics of Peptides in RP-LC: Peptide Retention Prediction. Chromatographia, 2010, 72, 781-797.	1.3	17

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19	General relations holding in variation of physical properties of organic compounds within homologous series. Russian Journal of Organic Chemistry, 2006, 42, 1-11.	0.8	16
20	A new approach to the prediction of gas chromatographic retention indices from physico-chemical constants. Collection of Czechoslovak Chemical Communications, 1991, 56, 2042-2054.	1.0	16
21	New applications of the retention index concept in gas and high performance liquid chromatography. Fresenius' Journal of Analytical Chemistry, 1999, 365, 305-309.	1.5	15
22	Chromatographic Identification of Cyclohexane Chlorination Products by an Additive Scheme for the Prediction of Retention Indices. Chromatographia, 2009, 70, 839-849.	1.3	15
23	A simple criterion for gas chromatography/mass spectrometric analysis of thermally unstable compounds, and reassessment of the by-products of alkyl diazoacetate synthesis. Rapid Communications in Mass Spectrometry, 2013, 27, 461-466.	1.5	15
24	Retention Indices as the Most Reproducible Retention Parameters in Reversed Phase HPLC. Calculation for Hydrophilic Phenolic Compounds Using Reference n-Alkyl Phenyl Ketones. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 2141-2162.	1.0	13
25	Title is missing!. Journal of Analytical Chemistry, 2003, 58, 114-124.	0.9	12
26	Choice of nonlinear regression functions for various physicochemical constants within series of homologues. Chemometrics and Intelligent Laboratory Systems, 2003, 67, 51-57.	3.5	12
27	Dependence of chromatographic retention indices on a ratio of amounts of target and reference compounds. Journal of Chromatography A, 2012, 1265, 133-143.	3.7	12
28	Title is missing!. Journal of Structural Chemistry, 2001, 42, 747-754.	1.0	11
29	Retention Indices As the Best Reproducible Chromatographic Parameters for the Characterization of Phenolic Compounds in Reversed-Phase High-Performance Liquid Chromatography. Journal of Analytical Chemistry, 2005, 60, 655-667.	0.9	11
30	Recurrent equations of physicochemical constants for homologs substantiated with numerical sequences. Journal of Structural Chemistry, 2007, 48, 1006-1014.	1.0	11
31	Prevention of a dangerous tendency in the presentation of the results of GC-MS identification. Analytical and Bioanalytical Chemistry, 2013, 405, 3075-3083.	3.7	11
32	Reciprocally Unambiguous Conformity Between GC Retention Indices and Boiling Points within Two- and Multidimensional Taxonomic Groups of Organic Compounds. Journal of High Resolution Chromatography, 1998, 21, 565-568.	1.4	10
33	Gas-chromatographic retention indices in dependence on the ratio of analytes to reference components. Journal of Analytical Chemistry, 2011, 66, 44-52.	0.9	10
34	Chromatographic and chromatospectral characteristic of dicarboxylic acid monoesters. Journal of Analytical Chemistry, 2016, 71, 1204-1214.	0.9	10
35	New approach in joint interpretation of mass spectrometric and gas chromatographic data. Chemometrics and Intelligent Laboratory Systems, 2004, 72, 233-240.	3.5	9
36	A New Application of McReynolds Constants to the Characterization of the Chromatographic Properties of Stationary Phases. Journal of Analytical Chemistry, 2005, 60, 845-850.	0.9	9

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37	Use of the standard addition method in quantitative chromatographic analysis. <i>Journal of Analytical Chemistry</i> , 2006, 61, 967-972.	0.9	9
38	Recurrent relations for the approximation of the physicochemical constants of homologues. <i>Russian Journal of Physical Chemistry A</i> , 2008, 82, 695-703.	0.6	9
39	Anomalous temperature dependence of gas chromatographic retention indices of polar compounds on non-polar stationary phases. <i>Journal of Chromatography A</i> , 2016, 1445, 126-134.	3.7	9
40	Use of recurrence relations for approximating properties of any homologs of organic compounds. <i>Russian Journal of General Chemistry</i> , 2006, 76, 1742-1752.	0.8	8
41	Evaluating the Holdup Time of Gas-Chromatographic Systems in Various Temperature Regimes by Using Recurrent Relations. <i>Chromatographia</i> , 2012, 75, 767-777.	1.3	8
42	Overloading control of gas chromatographic systems. <i>Journal of Separation Science</i> , 2015, 38, 2848-2856.	2.5	8
43	Specificities of using differential characteristics of organic compounds for their group identification. <i>Russian Journal of General Chemistry</i> , 2017, 87, 795-804.	0.8	8
44	Chromatographic and mass-spectrometric study of the surfaces of construction materials after contact with 1,1-dimethylhydrazine. <i>Journal of Analytical Chemistry</i> , 2017, 72, 624-631.	0.9	8
45	Wiener-type indices and internal molecular energy. <i>Journal of the Serbian Chemical Society</i> , 2003, 68, 401-408.	0.8	8
46	Physicochemical constants as a factor determining the need for the derivatization of organic substances in analysis by gas chromatography. <i>Journal of Analytical Chemistry</i> , 2010, 65, 267-275.	0.9	7
47	Gas chromatographic identification of chlorination products of aliphatic ketones. <i>Journal of Chromatography A</i> , 2011, 1218, 3291-3299.	3.7	7
48	Systematization of the results of the chromatography–mass spectrometry identification of the products of quercetin oxidation by atmospheric oxygen in aqueous solutions. <i>Journal of Analytical Chemistry</i> , 2017, 72, 1061-1075.	0.9	7
49	Application of recurrence relations to melting points of homologs. <i>Russian Journal of General Chemistry</i> , 2006, 76, 1738-1741.	0.8	6
50	Coding of the Structural Features of Organic Compounds for the Estimation of Chromatographic Retention Indices With the USE of Additive Schemes. <i>Journal of Structural Chemistry</i> , 2010, 51, 642-651.	1.0	6
51	Identification of isomeric alkylarenes with the use of additive relations for the evaluation of gas-chromatographic retention indices. <i>Journal of Analytical Chemistry</i> , 2011, 66, 1165-1172.	0.9	6
52	Approximation of physicochemical properties of homologs using recurrent and related non-recurrent relations. <i>Journal of Chemometrics</i> , 2012, 26, 108-116.	1.3	6
53	Effects of the dynamic modification of stationary phases by sorbates in gas chromatography: The possibility of separating enantiomers in achiral systems. <i>Russian Journal of Physical Chemistry A</i> , 2016, 90, 2110-2118.	0.6	6
54	Chromato–Mass Spectrometric Identification of Unusual Products of 4-Isopropylphenol Oxidation in Aqueous Solutions. <i>Russian Journal of General Chemistry</i> , 2018, 88, 7-14.	0.8	6

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55	Characterization of Dialkyl Phosphites by Gas Chromatography–Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , 2018, 73, 1162-1176.	0.9	6
56	Features of the Recurrent Approximation of Retention Parameters of Polyfunctional Compounds in Reversed-Phase High-Performance Liquid Chromatography. <i>Russian Journal of Physical Chemistry A</i> , 2021, 95, 395-402.	0.6	6
57	Prediction of Gas-chromatographic Elution Sequence of Diastereomers and Enantiomers Using the Molecular Dynamics Methods. <i>Russian Journal of Organic Chemistry</i> , 2003, 39, 1057-1063.	0.8	5
58	Recurrence calculations of organic compound boiling temperatures from data on preceding homologues. <i>Russian Journal of Physical Chemistry A</i> , 2006, 80, 1636-1642.	0.6	5
59	Chromato-mass-spectrometric identification of compounds with a branched carbon skeleton. Criteria for identifying tert-butyl groups in the structure of molecules. <i>Journal of Structural Chemistry</i> , 2009, 50, 895-909.	1.0	5
60	Air oxidation of organic compounds in aqueous solutions. Ecochemical and analytical aspects. <i>Russian Journal of General Chemistry</i> , 2010, 80, 2671-2681.	0.8	5
61	Unique variations of the distribution coefficients of homologues in the perfluorodecalin-acetonitrile heterophase system. <i>Russian Journal of General Chemistry</i> , 2011, 81, 337-344.	0.8	5
62	Features of the chromatography-mass spectrometric identification of condensation products of the carbonyl compounds. <i>Russian Journal of General Chemistry</i> , 2011, 81, 1818-1828.	0.8	5
63	Modification of the algorithm of determining chromatographic retention indices for compensating their dependence on the ratio of analytes and reference components. <i>Journal of Analytical Chemistry</i> , 2012, 67, 243-250.	0.9	5
64	Gas chromatographic methods for the determination of trace organic pollutants in environmental samples. <i>Journal of Analytical Chemistry</i> , 2013, 68, 845-861.	0.9	5
65	Ambiguousness of GC-MS identification of spiro[2.4]hepta-4,6-diene in natural objects. <i>Russian Chemical Bulletin</i> , 2017, 66, 491-496.	1.5	5
66	Homologous Increments of Gas Chromatographic Retention Indices as Characteristic of Organic Compounds Polarity. <i>Russian Journal of General Chemistry</i> , 2019, 89, 369-377.	0.8	5
67	Gas-Chromatographic Retention Indices in GC/MS Identification of Alkyl Dichlorophosphates, Dialkyl Chlorophosphates, and Their Thio Analogues. <i>Journal of Analytical Chemistry</i> , 2019, 74, 1421-1436.	0.9	5
68	Chromato-mass spectrometric characterization of diethyl ketals of aliphatic carbonyl compounds. <i>Analitika i Kontrol</i> , 2019, 23, 410-424.	0.2	5
69	Detection of organic hydrates in reversed phase high performance liquid chromatography using recurrent approximation of their retention times. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2021, 44, 588-598.	1.0	5
70	Title is missing!. <i>Journal of Analytical Chemistry</i> , 2003, 58, 99-109.	0.9	4
71	“Chemical”-domains of definition of mathematic relations in organic chemistry. <i>Russian Journal of General Chemistry</i> , 2009, 79, 2164-2174.	0.8	4
72	Identification of organic reaction products in the absence of additivity of chromatographic retention indices. Chloro derivatives of methyl-tert-butyl ketone. <i>Journal of Structural Chemistry</i> , 2013, 54, 505-514.	1.0	4

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73	Chromatographic component of identification of the transformation products of 1,1-dimethylhydrazine in the presence of sulfur. Russian Journal of General Chemistry, 2014, 84, 1106-1114.	0.8	4
74	Features and criteria of the overloading of gas chromatographic systems. Journal of Analytical Chemistry, 2015, 70, 1139-1146.	0.9	4
75	Anomalous temperature dependence of gas chromatographic retention indices of polar compounds on nonpolar phases. Russian Journal of Physical Chemistry A, 2016, 90, 1074-1080.	0.6	4
76	New possibilities of dimethylformamide dimethylacetal as a derivatization agent for gas chromatography/mass spectrometry analysis. Journal of Analytical Chemistry, 2016, 71, 1341-1351.	0.9	4
77	New approaches to the calculation and interpretation of asymmetry factors of chromatographic peaks. Journal of Analytical Chemistry, 2017, 72, 710-718.	0.9	4
78	Thermal instability of monoalkyl esters of phthalic acid during their gas chromatographic separation. Analitika I Kontrol, 2015, 19, 175-182.	0.2	4
79	Characterization of the interlaboratory reproducibility of results in quantitative gas-chromatographic analysis using the internal normalization method. Journal of Analytical Chemistry, 2005, 60, 119-124.	0.9	3
80	New examples of the involvement of air oxygen in chemical reactions in solution. Russian Journal of General Chemistry, 2008, 78, 1682-1689.	0.8	3
81	The use of recurrent equations in chromatography. Russian Journal of Physical Chemistry A, 2008, 82, 886-892.	0.6	3
82	Identification of the chlorination products of aliphatic ketones by gas chromatography and gas chromatography/mass spectrometry. Journal of Analytical Chemistry, 2011, 66, 396-406.	0.9	3
83	Chromato-mass-spectrometric identification using partition coefficients in the system of hexane-2,2,2-trifluoroethanol. Russian Journal of General Chemistry, 2012, 82, 1391-1399.	0.8	3
84	Stability of diazocarbonyl compounds under the conditions of gas chromatography and chromatography-mass spectrometry analysis. Russian Journal of General Chemistry, 2012, 82, 1675-1685.	0.8	3
85	Gas-chromatographic identification of products formed in iodination of methyl phenols by retention indices. Russian Journal of Applied Chemistry, 2012, 85, 1355-1365.	0.5	3
86	Characteristic variations of gas-chromatographic retention indices for phases of variable composition. Journal of Analytical Chemistry, 2014, 69, 1089-1095.	0.9	3
87	New applications of recurrent relations: precalculation of $pK_a$ values of substituted alkanecarboxylic acids. Journal of Chemometrics, 2014, 28, 311-318.	1.3	3
88	Inertness criterion for gas-chromatographic systems. Journal of Analytical Chemistry, 2014, 69, 1130-1140.	0.9	3
89	Estimation of properties of organic perfluoroalkyl derivatives using recurrent equations. Russian Journal of General Chemistry, 2015, 85, 533-544.	0.8	3
90	Chromatographic and chromatographic-mass spectral characterization of amino acids derivatives formed via the interaction with dimethyl acetal of dimethylformamide. Russian Journal of General Chemistry, 2015, 85, 1920-1928.	0.8	3

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91	Comparative characterization of thermal isomerization rates of 6-phenyl-1,5-diazabicyclo[3.1.0]hexane at convection and microwave heating. <i>Journal of Physical Organic Chemistry</i> , 2018, 31, e3843.	1.9	3
92	Effects of the Discrimination of Sample Composition with the Use of Split Injection into Gas Chromatographic Capillary Columns. <i>Journal of Analytical Chemistry</i> , 2019, 74, 32-38.	0.9	3
93	Specific Features of the Gas Chromatography-Mass Spectrometry Identification of Monoalkyl Phthalates. <i>Journal of Analytical Chemistry</i> , 2020, 75, 1322-1329.	0.9	3
94	Formation and Chromatographic Detection of Organic Compound Hydrates. <i>Journal of Analytical Chemistry</i> , 2021, 76, 493-502.	0.9	3
95	Kovats's Retention Index System. , 2005, , 901-907.		3
96	Features and New Examples of Gas Chromatographic Separation of Thermally Unstable Analytes. , 0, , .		3
97	Analytical aspects of organic compounds retention indices dependence in reversed phase HPLC on the content of methanol in eluent. <i>Analitika I Kontrol</i> , 2022, 26, 41-48.	0.2	3
98	Calculation of ion composition in organic high-resolution mass spectrometry. <i>Organic Mass Spectrometry</i> , 1993, 28, 907-913.	1.3	2
99	Recurrent approximation of densities and refractive indices of the homologs of different series. <i>Russian Journal of General Chemistry</i> , 2009, 79, 2154-2163.	0.8	2
100	Equivalence of chromatographic adsorbent separon BD and nonpolar polydimethylsiloxane stationary phases. <i>Journal of Analytical Chemistry</i> , 2010, 65, 628-633.	0.9	2
101	Identification of bromination products of chloro-substituted anilines in aqueous environment by gas chromatography. <i>Russian Journal of Applied Chemistry</i> , 2011, 84, 1748-1759.	0.5	2
102	Anomalous properties of flavonoids in reversed phase high performance liquid chromatography. <i>Russian Journal of Physical Chemistry A</i> , 2011, 85, 1641-1646.	0.6	2
103	Calculating the acidity constants of homologues and isomers of organic acids by means of recurrence relations. <i>Russian Journal of Physical Chemistry A</i> , 2013, 87, 956-962.	0.6	2
104	Dangerous tendency in the presentation of GC-MS identification results. <i>Journal of Analytical Chemistry</i> , 2013, 68, 1158-1161.	0.9	2
105	Use of the hexane-2,2,2-trifluoroethanol system in partition chromatography. <i>Journal of Analytical Chemistry</i> , 2013, 68, 100-105.	0.9	2
106	Estimation of octane rating of hydrocarbon homologs using logistic regression. <i>Russian Journal of General Chemistry</i> , 2014, 84, 2066-2072.	0.8	2
107	Potential of gas chromatography in the determination of low-volatile dicarboxylic acids. <i>Journal of Analytical Chemistry</i> , 2016, 71, 402-409.	0.9	2
108	Special features of gas chromatography determination of dibenzyl ether hydroperoxide impurity in benzyl alcohol. <i>Russian Journal of General Chemistry</i> , 2016, 86, 2016-2021.	0.8	2

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109	Mathematical transformations of recurrent relations for different types of homologues. Journal of Chemometrics, 2016, 30, 217-225.	1.3	2
110	Features of the Identification of Trialkyl Phosphites in Reaction Mixtures and Their Characterization by Gas Chromatography–Mass Spectrometry. Journal of Analytical Chemistry, 2019, 74, 1305-1319.	0.9	2
111	Characteristic Features of the Gas Chromatographic Separation of Tautomers of Ethyl Acetoacetate. Russian Journal of Physical Chemistry A, 2020, 94, 1214-1223.	0.6	2
112	Specific Features of the Gas Chromatographic Analysis of Samples in High-Boiling Solvents Using Capillary Columns with a Low Split Ratio of the Carrier Gas Flow. Journal of Analytical Chemistry, 2020, 75, 73-83.	0.9	2
113	Using Recurrent Dependences to Control, Adjust, and Recover Values of the Physicochemical Properties of Organic Compounds. Russian Journal of Physical Chemistry A, 2021, 95, 894-901.	0.6	2
114	Determination of Anomalies of Gas Chromatographic Retention Indices for Homologs Based on Their Homologous Increments. Russian Journal of Physical Chemistry A, 2021, 95, 1720-1728.	0.6	2
115	Recurrent Approximation of Retention Parameters of N-Substituted p-Toluenesulfonamides in Reversed-Phase High Performance Liquid Chromatography for Revealing the Formation of Their Hydrates. Russian Journal of Physical Chemistry A, 2021, 95, 1931-1941.	0.6	2
116	Confirmation of organic compounds hydrates formation under the reversed-phase HPLC conditions. Analitika I Kontrol, 2020, 24, 315-322.	0.2	2
117	Anomalies of temperature dependence of gaschromatographic retention indices (review of) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 0.1	0.1	2
118	Corrections of winer's indexes*. Journal of Structural Chemistry, 2002, 43, 1058-1058.	1.0	1
119	Identification of alkylarene chloromethylation products using gas-chromatographic retention indices. Russian Journal of General Chemistry, 2007, 77, 611-619.	0.8	1
120	Estimation of boiling points of organic compounds at various pressures using recurrent relations. Russian Journal of General Chemistry, 2009, 79, 778-786.	0.8	1
121	Gas-chromatographic determination of mutual solubility of components in heterophase binary systems of organic solvents. Russian Journal of Physical Chemistry A, 2009, 83, 1966-1971.	0.6	1
122	Gas-chromatographic identification of chloro- and bromo-substituted anilines by their retention indices. Journal of Analytical Chemistry, 2011, 66, 504-509.	0.9	1
123	Combined interpretation of chromatographic and mass spectral information in identifying condensation products of carbonyl compounds. Journal of Analytical Chemistry, 2012, 67, 1005-1013.	0.9	1
124	Chromatographic identification of (E)- and (Z)-isomers of unsaturated organic compounds using their physicochemical characteristics. Russian Journal of General Chemistry, 2013, 83, 679-690.	0.8	1
125	Chromatographic characteristics of $\pm$ -alkynols. Russian Journal of General Chemistry, 2014, 84, 449-456.	0.8	1
126	Temperature dependence of gas chromatography retention indices as one of the main factors determining their interlaboratory reproducibility. Protection of Metals and Physical Chemistry of Surfaces, 2015, 51, 1058-1064.	1.1	1

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127	GC/MS characterization of monosubstituted hydrazones of glyoxylic acid ethyl ester. <i>Journal of Analytical Chemistry</i> , 2016, 71, 1377-1380.	0.9	1
128	Oxidation of 4-Isopropylphenol in Aqueous Solutions as a Model for Oxidation of Flavonoids to Form Dimers. <i>Chemistry of Natural Compounds</i> , 2018, 54, 370-372.	0.8	1
129	Special Features of the Interaction between Asymmetric Dimethylhydrazine and Thiocontaining Schungite. <i>Colloid Journal</i> , 2018, 80, 569-577.	1.3	1
130	Unusual Regularity in GC Retention of Simple Amino Acid Derivatives. <i>Current Chromatography</i> , 2019, 6, 3-14.	0.3	1
131	Electrochemical Oxidation of Difenconazole in Solutions: LC/MS Identification of Reaction Products. <i>Moscow University Chemistry Bulletin</i> , 2019, 74, 127-133.	0.6	1
132	Identification of the Products of Alkylphenol Oxidation by Iron(III) Chloride Using HPLC-Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , 2019, 74, 894-905.	0.9	1
133	Comparative gas chromatographic/mass spectrometric characterization of di- and trialkyl phosphites. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1324-1335.	1.5	1
134	Controlling the correctness of retention parameters variations in reversed phase HPLC using recurrent relations. <i>Analitika I Kontrol</i> , 2021, 25, 117-125.	0.2	1
135	Recurrent Approximation of the Temperature Dependence of the Solubility of Inorganic Salts in Water. <i>Russian Journal of Physical Chemistry A</i> , 2021, 95, 1358-1371.	0.6	1
136	Hydroxy Compounds. , 2005, , 809-814.		1
137	Compensation of discrimination effects of split injection into capillary columns. <i>Analitika I Kontrol</i> , 2019, 23, 110-119.	0.2	1
138	Features of trialkyl thiophosphates characterization by the retention indices in HPLC combined with the mass spectrometric data. <i>Analitika I Kontrol</i> , 2019, 23, 425-434.	0.2	1
139	A new approach to the chromatographic determination of quercetin water solubility. <i>Analitika I Kontrol</i> , 2019, 23, 386-392.	0.2	1
140	Chromatomass-spectrometric identification of electrochemical transformation products of kresoxim-methyl in solutions. <i>Analitika I Kontrol</i> , 2018, 22, 245-252.	0.2	1
141	Characterization of Substituted 1,3-Dioxolanes and 1,3-Dioxanes by Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , 2020, 75, 1790-1807.	0.9	1
142	Mutual correlation between gas chromatographic retention indices of unsaturated and saturated hydrocarbons found by molecular dynamics. <i>Journal of Analytical Chemistry</i> , 2000, 55, 982-987.	0.9	0
143	Identification of the products of nonregioselective organic reactions by chromatography-mass spectrometry: Chloro derivatives of dialkyl ethers. <i>Journal of Analytical Chemistry</i> , 2011, 66, 1445-1454.	0.9	0
144	On the new proposals of modification of the nomenclature of chemical compounds. <i>Russian Journal of General Chemistry</i> , 2013, 83, 154-156.	0.8	0

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145	Estimation of the dead times of gas-chromatographic systems under different temperature conditions with the use of recurrence relations. <i>Journal of Analytical Chemistry</i> , 2013, 68, 992-1001.	0.9	0
146	Differences in collision-induced dissociation of the protonated molecules of isomeric alkyl phenols. <i>Journal of Analytical Chemistry</i> , 2014, 69, 1313-1319.	0.9	0
147	Molecular parameters for gas chromatographic identification of E- and Z-isomers of unsaturated compounds. <i>Journal of Structural Chemistry</i> , 2014, 55, 223-231.	1.0	0
148	Using additional standards for increasing the accuracy of quantitative chromatographic analysis. <i>Journal of Analytical Chemistry</i> , 2017, 72, 510-519.	0.9	0
149	Estimating Physicochemical Properties of Simplest Homologue Using Recurrent Relations. <i>Journal of Structural Chemistry</i> , 2019, 60, 1027-1036.	1.0	0
150	Comparative characterization of different kinds of chromatographic quantification using the double standard addition method. <i>Analitika I Kontrol</i> , 2021, 25, 146-154.	0.2	0
151	Constituent Composition of Essential Oil from the Aerial Part of <i>Zeravschania regeliana</i> . <i>Chemistry of Natural Compounds</i> , 2021, 57, 583-584.	0.8	0
152	Identification of unknown compound extracted from the hair of exhumed human remains using mass spectrometric and gas chromatographic data. <i>Analitika I Kontrol</i> , 2021, 25, 34-42.	0.2	0
153	Features of injection and chromatographic separation of samples in high boiling viscous organic solvents using the capillary columns at a low split ratio. <i>Analitika I Kontrol</i> , 2018, 22, 220-228.	0.2	0
154	HPLC-MS separation and detection of dialkyl phosphonates and trialkyl phosphites in reaction mixtures of 1-alkanols with phosphorous trichloride. <i>Analitika I Kontrol</i> , 2018, 22, 259-266.	0.2	0
155	Chromato-mass-spectrometric characterization of trialkyl phosphites. <i>Analitika I Kontrol</i> , 2018, 22, 157-167.	0.2	0
156	Determination of C15-C20 isoprenoid alkanes characteristic ratios in the oils from Kazakhstan fields. <i>Analitika I Kontrol</i> , 2019, 23, 237-246.	0.2	0
157	Identification features of volatile impurities in ethyl alcohol using gas chromatographic retention indices. <i>Analitika I Kontrol</i> , 2019, 23, 517-524.	0.2	0
158	Comparative characterization of quantitative gas chromatographic analysis capabilities using basic and modified external standard methods. <i>Analitika I Kontrol</i> , 2019, 23, 223-228.	0.2	0
159	Modification of inertness test for gas chromatographic systems. <i>Analitika I Kontrol</i> , 2020, 24, 133-141.	0.2	0
160	Principles of Controlling the Correctness of Gas-Chromatographic Retention Indices of Previously Uncharacterized Analytes (Based on an Example of 2-Aryl-1,3-Dioxolanes and 2-Aryl-1,3-Dioxanes). <i>Journal of Analytical Chemistry</i> , 2020, 75, 1608-1625.	0.9	0
161	Important features of retention indices determination in reversed-phase high performance liquid chromatography. <i>Analitika I Kontrol</i> , 2022, 26, 57-63.	0.2	0
162	Characteristics of the Anomalous Temperature Dependence of Gas Chromatographic Retention Indices of Polar Compounds on Packed Columns with a Nonpolar Phase. <i>Russian Journal of Physical Chemistry A</i> , 2022, 96, 654-663.	0.6	0