

Eugen Krasnykh

List of Publications by Year in descending order

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46
papers

403
citations

932766

10
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839053

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47
all docs

47
docs citations

47
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Vapour pressures and enthalpies of vaporization of a series of the linear n-alkyl acetates. Journal of Chemical Thermodynamics, 2006, 38, 717-723.	1.0	54
2	Vapor pressures and enthalpies of vaporization of a series of the linear aliphatic aldehydes. Fluid Phase Equilibria, 2003, 206, 331-339.	1.4	47
3	Vapor Pressures, Enthalpies of Vaporization, and Critical Parameters of a Series of Linear Aliphatic Dimethyl Esters of Dicarboxylic Acids. Journal of Chemical & Engineering Data, 2006, 51, 1896-1905.	1.0	36
4	Thermodynamic properties of benzyl halides: enthalpies of formation, strain enthalpies, and carbon-halogen bond dissociation enthalpies. Physical Chemistry Chemical Physics, 2003, 5, 2605-2611.	1.3	24
5	Determination of Ambient Temperature Vapor Pressures and Vaporization Enthalpies of Branched Ethers. Journal of Chemical & Engineering Data, 2003, 48, 591-599.	1.0	24
6	Vapor Pressures and Enthalpies of Vaporization of a Series of the Symmetric Linear n-Alkyl Esters of Dicarboxylic Acids. Journal of Chemical & Engineering Data, 2011, 56, 800-810.	1.0	16
7	Prediction of vaporization enthalpy based on modified Randić indices. Alkanes. Journal of Structural Chemistry, 2008, 49, 986-993.	0.3	13
8	Phase Equilibria and Thermodynamic Properties of Some Branched Alkyl Ethers. Journal of Chemical & Engineering Data, 2009, 54, 2457-2469.	1.0	13
9	Vapour pressure and enthalpy of vaporization of di-iso-propyl and di-tert-butyl esters of dicarboxylic acids. Fluid Phase Equilibria, 2011, 309, 114-120.	1.4	12
10	Vapor pressure and enthalpy of vaporization of trimethylolpropane and carboxylic acids esters. Fluid Phase Equilibria, 2018, 462, 111-117.	1.4	12
11	Vapor Pressures and Enthalpies of Vaporization of Benzyl Halides and Benzyl Ethers. Journal of Chemical & Engineering Data, 2002, 47, 1372-1378.	1.0	8
12	Saturated vapor pressures and enthalpies of evaporation of esters of glycerol and lower carboxylic acids. Russian Journal of Physical Chemistry A, 2010, 84, 163-168.	0.1	8
13	Catalytic hydrogenation of fatty acid methyl esters. Russian Journal of Applied Chemistry, 2012, 85, 261-266.	0.1	8
14	Prediction of changes in the heat capacity of the liquid-vapor phase transition based on modified Randić indices. Alkanes and oxygen-containing compounds. Journal of Structural Chemistry, 2017, 58, 706-711.	0.3	8
15	The low-temperature heat capacity and ideal gas thermodynamic properties of isobutyl tert-butyl ether. Journal of Chemical Thermodynamics, 2006, 38, 10-19.	1.0	7
16	Retention indices of glycerol esters. Journal of Analytical Chemistry, 2009, 64, 1126-1130.	0.4	7
17	The thermodynamics of vaporization of ethyl tert-butyl ether, isobutyl tert-butyl ether, and di-isopropyl ether. Journal of Chemical Thermodynamics, 2007, 39, 142-147.	1.0	6
18	Retention indices of symmetric dicarboxylic acid esters. Journal of Analytical Chemistry, 2008, 63, 349-352.	0.4	6

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19	Retention Characteristics and Sorption Enthalpies of Esters of Natural Hydroxycarboxylic Acids on DB-1 Stationary Phase. Russian Journal of Physical Chemistry A, 2019, 93, 577-583.	0.1	6
20	Saturated vapor pressures and the enthalpies of vaporization of dicyclohexyl esters of dicarboxylic acids. Russian Journal of Physical Chemistry A, 2008, 82, 2025-2029.	0.1	5
21	Selective hydrogenation with the use of nanocatalysts. Russian Journal of Applied Chemistry, 2009, 82, 884-888.	0.1	5
22	Prediction of the enthalpy of vaporization based on modified RandiÄ•indices. Ethers. Journal of Structural Chemistry, 2012, 53, 383-387.	0.3	5
23	Prediction of enthalpies of vaporization based on modified RandiÄ•indices. Esters. Journal of Structural Chemistry, 2016, 57, 437-445.	0.3	5
24	Characteristics of retention and enthalpies of sorption from the gas phase of esters of trimethylolpropane and D;2Ä•D;5 acids on DB-1 stationary phase. Russian Journal of Physical Chemistry A, 2017, 91, 398-402.	0.1	5
25	Vapor Pressure, Vaporization Enthalpies, Critical Parameters, and Heat Capacities of Alkyl Glycolates. Journal of Chemical & Engineering Data, 2020, 65, 2566-2577.	1.0	5
26	Synthetic oils based on pentaerythritol esters. Vapor pressure and enthalpy of vaporization. Fuel, 2022, 312, 122908.	3.4	5
27	Prediction of the vaporization enthalpy based on modified RandiÄ•indices. I. Monohydric alcohols. Journal of Structural Chemistry, 2009, 50, 556-560.	0.3	4
28	Prediction of the vaporization enthalpy based on modified RandiÄ•indices. II. Polyatomic alcohols. Journal of Structural Chemistry, 2009, 50, 599-605.	0.3	4
29	Saturation vapor pressures and vaporization enthalpies of esters of ethylene glycol and lower carboxylic acids. Russian Journal of Physical Chemistry A, 2011, 85, 1695-1700.	0.1	4
30	Prediction of vaporization enthalpies based on modified RandiÄ•indices. Aldehydes and ketones. Journal of Structural Chemistry, 2013, 54, 792-796.	0.3	4
31	Retention Indices and Sorption Enthalpies of Pentaerythritol and D;2Ä•D;8 Acid Esters on Nonpolar Stationary Phases. Russian Journal of Physical Chemistry A, 2020, 94, 2168-2176.	0.1	4
32	SCIENTIFIC AND TECHNOLOGICAL FEATURES OF SYNTHESIS OF NEW ESTER PLASTICIZERS BASED ON RENEWABLE RAW MATERIALS. ChemChemTech, 2021, 64, 69-75.	0.1	4
33	Saturated Vapor Pressures and Enthalpies of Vaporization of Diesters of Neopentyl Glycol and Linear C2Ä•C6 Acids. Russian Journal of Physical Chemistry A, 2021, 95, 1975-1980.	0.1	4
34	Thermodynamic characteristics of the sorption of glycerol ethers on stationary phase OV-101. Russian Journal of Physical Chemistry A, 2014, 88, 1590-1593.	0.1	3
35	Temperature dependences of the retention indices of mono- and polyethylene glycol acetals and ethers on stationary phase DB-1 and enthalpies of their sorption from the gas phase. Russian Journal of Physical Chemistry A, 2017, 91, 2453-2457.	0.1	3
36	Synthesis, Identification, and Isolation of Esters of Pentaerythritol and Linear D;4Ä•D;7 Carboxylic Acids. Petroleum Chemistry, 2021, 61, 1027-1032.	0.4	3

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37	DEVELOPMENT OF TECHNOLOGY FOR PRODUCTION OF PLASTICIZERS ON THE BASIS OF TRIMETHYLOLPROPANE. <i>Fine Chemical Technologies</i> , 2019, 14, 66-74.	0.1	3
38	Esterification of malic acid on various catalysts. <i>Fine Chemical Technologies</i> , 2020, 15, 47-55.	0.1	3
39	Prediction of the vaporization enthalpy based on modified Randić indices. III. Carbonic acids. <i>Journal of Structural Chemistry</i> , 2010, 51, 217-222.	0.3	2
40	Temperature dependences of saturated vapor pressure and the enthalpy of vaporization of n-pentyl esters of dicarboxylic acids. <i>Russian Journal of Physical Chemistry A</i> , 2016, 90, 990-993.	0.1	2
41	Retention Indices and Enthalpies of Sorption of Esters of Neopentyl Glycol on DB-1 Stationary Phase. <i>Russian Journal of Physical Chemistry A</i> , 2020, 94, 659-661.	0.1	2
42	Features of the synthesis of pentaerythritol esters and carboxylic acids of aliphatic isomeric structure. <i>Fine Chemical Technologies</i> , 2022, 17, 7-17.	0.1	2
43	Treatment of X-oil waste of caprolactam manufacture by catalytic hydrogenation. <i>Russian Journal of Applied Chemistry</i> , 2011, 84, 655-660.	0.1	1
44	ANALYSIS OF POLYESTERS STRUCTURE BASED ON MALIC ACID AND ITS ESTER. <i>ChemChemTech</i> , 2021, 64, 71-79.	0.1	1
45	Oxidative aromatization of propane, butane, and butane-butylene fraction. <i>Petroleum Chemistry</i> , 2007, 47, 337-339.	0.4	0
46	The study of the process of production of polylactide by the interesterification of n-butyl ester of lactic acid. , 2021, , 12-18.		0