

Eugen Krasnykh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthetic oils based on pentaerythritol esters. Vapor pressure and enthalpy of vaporization. Fuel, 2022, 312, 122908.	6.4	5
2	Features of the synthesis of pentaerythritol esters and carboxylic acids of aliphatic isomeric structure. Fine Chemical Technologies, 2022, 17, 7-17.	0.8	2
3	SCIENTIFIC AND TECHNOLOGICAL FEATURES OF SYNTHESIS OF NEW ESTER PLASTICIZERS BASED ON RENEWABLE RAW MATERIALS. ChemChemTech, 2021, 64, 69-75.	0.3	4
4	ANALYSIS OF POLYESTERS STRUCTURE BASED ON MALIC ACID AND ITS ESTER. ChemChemTech, 2021, 64, 71-79.	0.3	1
5	Synthesis, Identification, and Isolation of Esters of Pentaerythritol and Linear $\text{C}_4\text{--}\text{C}_7$ Carboxylic Acids. Petroleum Chemistry, 2021, 61, 1027-1032.	1.4	3
6	Saturated Vapor Pressures and Enthalpies of Vaporization of Diesters of Neopentyl Glycol and Linear $\text{C}_2\text{--}\text{C}_6$ Acids. Russian Journal of Physical Chemistry A, 2021, 95, 1975-1980.	0.6	4
7	The study of the process of production of polylactide by the interesterification of n-butyl ester of lactic acid. , 2021, , 12-18.		0
8	Retention Indices and Enthalpies of Sorption of Esters of Neopentyl Glycol on DB-1 Stationary Phase. Russian Journal of Physical Chemistry A, 2020, 94, 659-661.	0.6	2
9	Retention Indices and Sorption Enthalpies of Pentaerythritol and $\text{C}_2\text{--}\text{C}_8$ Acid Esters on Nonpolar Stationary Phases. Russian Journal of Physical Chemistry A, 2020, 94, 2168-2176.	0.6	4
10	Vapor Pressure, Vaporization Enthalpies, Critical Parameters, and Heat Capacities of Alkyl Glycolates. Journal of Chemical & Engineering Data, 2020, 65, 2566-2577.	1.9	5
11	Esterification of malic acid on various catalysts. Fine Chemical Technologies, 2020, 15, 47-55.	0.8	3
12	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.	0.6	6
13	DEVELOPMENT OF TECHNOLOGY FOR PRODUCTION OF PLASTICIZERS ON THE BASIS OF TRIMETHYLOLPROPANE. Fine Chemical Technologies, 2019, 14, 66-74.	0.8	3
14	Vapor pressure and enthalpy of vaporization of trimethylolpropane and carboxylic acids esters. Fluid Phase Equilibria, 2018, 462, 111-117.	2.5	12
15	Prediction of changes in the heat capacity of the liquid–vapor phase transition based on modified Randi– indices. Alkanes and oxygen-containing compounds. Journal of Structural Chemistry, 2017, 58, 706-711.	1.0	8
16	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.	0.6	3
17	Characteristics of retention and enthalpies of sorption from the gas phase of esters of trimethylolpropane and $\text{C}_2\text{--}\text{C}_5$ acids on DB-1 stationary phase. Russian Journal of Physical Chemistry A, 2017, 91, 398-402.	0.6	5
18	Temperature dependences of saturated vapor pressure and the enthalpy of vaporization of n-pentyl esters of dicarboxylic acids. Russian Journal of Physical Chemistry A, 2016, 90, 990-993.	0.6	2

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19	Prediction of enthalpies of vaporization based on modified RandiÄ•indices. Esters. Journal of Structural Chemistry, 2016, 57, 437-445.	1.0	5
20	Thermodynamic characteristics of the sorption of glycerol ethers on stationary phase OV-101. Russian Journal of Physical Chemistry A, 2014, 88, 1590-1593.	0.6	3
21	Prediction of vaporization enthalpies based on modified RandiÄ•indices. Aldehydes and ketones. Journal of Structural Chemistry, 2013, 54, 792-796.	1.0	4
22	Catalytic hydrogenation of fatty acid methyl esters. Russian Journal of Applied Chemistry, 2012, 85, 261-266.	0.5	8
23	Prediction of the enthalpy of vaporization based on modified RandiÄ•indices. Ethers. Journal of Structural Chemistry, 2012, 53, 383-387.	1.0	5
24	Vapor Pressures and Enthalpies of Vaporization of a Series of the Symmetric Linear <i>n</i> -Alkyl Esters of Dicarboxylic Acids. Journal of Chemical & Engineering Data, 2011, 56, 800-810.	1.9	16
25	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.	2.5	12
26	Treatment of X-oil waste of caprolactam manufacture by catalytic hydrogenation. Russian Journal of Applied Chemistry, 2011, 84, 655-660.	0.5	1
27	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.	0.6	4
28	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.	0.6	8
29	Prediction of the vaporization enthalpy based on modified randiÄ•indices. III. Carbonic acids. Journal of Structural Chemistry, 2010, 51, 217-222.	1.0	2
30	Prediction of the vaporization enthalpy based on modified RandiÄ•indices. I. Monohydric alcohols. Journal of Structural Chemistry, 2009, 50, 556-560.	1.0	4
31	Prediction of the vaporization enthalpy based on modified RandiÄ•indices. II. Polyatomic alcohols. Journal of Structural Chemistry, 2009, 50, 599-605.	1.0	4
32	Selective hydrogenation with the use of nanocatalysts. Russian Journal of Applied Chemistry, 2009, 82, 884-888.	0.5	5
33	Retention indices of glycerol esters. Journal of Analytical Chemistry, 2009, 64, 1126-1130.	0.9	7
34	Phase Equilibria and Thermodynamic Properties of Some Branched Alkyl Ethers. Journal of Chemical & Engineering Data, 2009, 54, 2457-2469.	1.9	13
35	Prediction of vaporization enthalpy based on modified RandiÄ•indices. Alkanes. Journal of Structural Chemistry, 2008, 49, 986-993.	1.0	13
36	Saturated vapor pressures and the enthalpies of vaporization of dicyclohexyl esters of dicarboxylic acids. Russian Journal of Physical Chemistry A, 2008, 82, 2025-2029.	0.6	5

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37	Retention indices of symmetric dicarboxylic acid esters. Journal of Analytical Chemistry, 2008, 63, 349-352.	0.9	6
38	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.	2.0	6
39	Oxidative aromatization of propane, butane, and butane-butylene fraction. Petroleum Chemistry, 2007, 47, 337-339.	1.4	0
40	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.	1.9	36
41	Vapour pressures and enthalpies of vaporization of a series of the linear n-alkyl acetates. Journal of Chemical Thermodynamics, 2006, 38, 717-723.	2.0	54
42	The low-temperature heat capacity and ideal gas thermodynamic properties of isobutyl tert-butyl ether. Journal of Chemical Thermodynamics, 2006, 38, 10-19.	2.0	7
43	Thermodynamic properties of benzyl halides: enthalpies of formation, strain enthalpies, and carbon-halogen bond dissociation enthalpies. Physical Chemistry Chemical Physics, 2003, 5, 2605-2611.	2.8	24
44	Vapor pressures and enthalpies of vaporization of a series of the linear aliphatic aldehydes. Fluid Phase Equilibria, 2003, 206, 331-339.	2.5	47
45	Determination of Ambient Temperature Vapor Pressures and Vaporization Enthalpies of Branched Ethers. Journal of Chemical & Engineering Data, 2003, 48, 591-599.	1.9	24
46	Vapor Pressures and Enthalpies of Vaporization of Benzyl Halides and Benzyl Ethers. Journal of Chemical & Engineering Data, 2002, 47, 1372-1378.	1.9	8