Grozdana Bogdanic

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3884692/publications.pdf

Version: 2024-02-01

48 papers	487 citations	840119 11 h-index	752256 20 g-index
50 all docs	50 docs citations	50 times ranked	272 citing authors

#	Article	IF	Citations
1	Studies on the influence of long chain acrylic esters polymers with polar monomers as crude oil flow improver additives. Fuel, 2008, 87, 2943-2950.	3.4	102
2	Revision of the Group-Contribution Flory Equation of State for Phase Equilibria Calculations in Mixtures with Polymers. 1. Prediction of Vapor-Liquid Equilibria for Polymer Solutions. Industrial & Engineering Chemistry Research, 1994, 33, 1331-1340.	1.8	70
3	A segmental interaction model for liquidâ€“liquid equilibrium calculations for polymer solutions. Fluid Phase Equilibria, 2000, 173, 241-252.	1.4	35
4	Vapourâ€“liquid and chemical equilibria in the ethyl ethanoate+ethanol+propyl ethanoate+propanol system accompanied with transesterification reaction. Fluid Phase Equilibria, 2012, 328, 61-68.	1.4	19
5	Revision of the Group-Contribution-Flory Equation of State for Phase Equilibria Calculations in Mixtures with Polymers. 2. Prediction of Liquid-Liquid Equilibria for Polymer Solutions. Industrial & Engineering Chemistry Research, 1995, 34, 1835-1841.	1.8	17
6	Phase Behavior and Miscibility in Binary Blends Containing Polymers and Copolymers of Styrene, of 2,6-Dimethyl-1,4-Phenylene Oxide, and of Their Derivatives. Journal of Physical and Chemical Reference Data, 1999, 28, 851-868.	1.9	17
7	Miscibility in blends of sulfonylated poly(2,6-dimethyl-1,4-phenylene oxide) (SPPO) with homopolymers of halogen-substituted styrene derivatives. Polymer, 1993, 34, 1449-1453.	1.8	15
8	Prediction of Vapor-Liquid Equilibria for Mixtures with Copolymers. Industrial & Engineering Chemistry Research, 1995, 34, 324-331.	1.8	15
9	Circulation micro-ebulliometer for determination of pressure above mixtures containing solvent and non-volatile component. Fluid Phase Equilibria, 2010, 297, 142-148.	1.4	14
10	Vapourâ€“liquid equilibria in binary and ternary systems composed of 2,3-dimethylbutane, diisopropyl ether, and 3-methyl-2-butanone at 313.15, 323.15 and 313.15K. Fluid Phase Equilibria, 2013, 344, 59-64.	1.4	13
11	FREE RADICAL-INITIATED COPOLYMERIZATION OF 2,6-DICHLOROSTYRENE WITH MALEIMIDE, N-METHYLMALEIMIDE, AND N-PHENYLMALEIMIDE. Journal of Macromolecular Science - Pure and Applied Chemistry, 2000, 37, 513-524.	1.2	12
12	Phase behavior in copolymer blends of poly (p-chlorostyrene-co-o-chlorostyrene) and phenylsulfonylated poly (2,6-dimethyl-1,4-phenylene oxide). Journal of Polymer Science, Part B: Polymer Physics, 1994, 32, 1079-1087.	2.4	10
13	Flow improver additives for gas condensate. Fuel, 2007, 86, 1409-1416.	3.4	9
14	Vaporâ^'Liquid Equilibrium in Diluted Polymer + Solvent Systems. Journal of Chemical & Engineering Data, 2011, 56, 1080-1083.	1.0	9
15	Miscibility in blends of sulfonylated poly(2,6-dimethyl-1,4-phenylene oxide) and poly(p-bromostyrene-co-o-bromostyrene). Journal of Applied Polymer Science, 1994, 52, 1499-1503.	1.3	8
16	Group contribution methods for estimating the properties of polymer systems. Hemijska Industrija, 2006, 60, 287-305.	0.3	8
17	Investigation of the decomposition of copolymers of styrene and maleic anhydride using thermogravimetric analysis. Thermochimica Acta, 1990, 171, 39-47.	1.2	7
18	A segmental interaction model for liquid-liquid equilibria correlation and prediction. Polymer Bulletin, 1998, 40, 117-123.	1.7	7

#	Article	IF	Citations
19	Miscibility behaviour of sulfonylated poly(2,6-dimethyl-1,4-phenylene oxide) copolymers in the blends with poly(styrene-co-maleic anhydride) and with poly(Î±-methylstyrene-co-maleic anhydride). Polymer Bulletin, 1992, 28, 473-479.	1.7	6
20	Miscibility in blends of phenylsulfonylated poly(2,6-dimethyl-1,4-phenylene oxide) and poly(p-fluorostyrene-co-o-fluorostyrene). Polymer, 1994, 35, 3055-3059.	1.8	6
21	Phase behaviour in copolymer blends of phenylsulphonylated poly(2,6-dimethyl-1,4-phenylene oxide) and poly(o-fluorostyrene-co-p(o)-chlorostyrene). Thermochimica Acta, 1995, 264, 125-135.	1.2	6
22	Synthesis of Nanoporous Crosslinked Poly(Acrylâ€Nâ€cyclohexyl Amideâ€coâ€Ethylene Glycol Dimethacrylate) by Thermal Degradation of Poly(Acrylâ€N,Nâ€²â€dicyclohexylureaâ€coâ€Ethylene Glycol Dimethacrylate). Journal of Macromolecular Science - Pure and Applied Chemistry, 2003, 40, 747-754.	1.2	6
23	Separation of Cyclohexylisocyanate from the Crosslinked Copolymers of N-Acryl-dicyclohexylurea with Ethylene Glycol Dimethacrylate or Divinyl Benzene. Journal of Macromolecular Science - Pure and Applied Chemistry, 2003, 40, 81-85.	1.2	6
24	Vapourâ€“Liquid Equilibria in the Polystyrene + Toluene System at Higher Concentrations of Solvent. Chemical and Biochemical Engineering Quarterly, 2015, 29, 1-4.	0.5	6
25	The FV-UNIQUAC segmental interaction model for liquidâ€“liquid equilibrium calculations for polymer solutions. Fluid Phase Equilibria, 2001, 191, 49-57.	1.4	5
26	Copolymer blends of phenylsulphonylated poly(2,6-dimethyl-1,4-phenylene oxide) and poly(p-fluorostyrene-co-p(o)-chlorostyrene). Thermochimica Acta, 1996, 275, 259-268.	1.2	4
27	Miscibility and phase separation study of blends of random copolymers of poly[ortho(para)-fluorostyrene-co-ortho(para)-bromostyrene] with phenylsulphonylated poly(2,6-dimethyl-1,4-phenylene oxide) copolymers by thermal methods. Thermochimica Acta, 1996, 285, 141-154.	1.2	4
28	Preparation of Nanoporous Crosslinked Poly(Methacrylâ€Nâ€cyclohexylamideâ€coâ€ethylene Glycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	4
29	Vapour-liquid equilibria in waterâ€¯+â€¯poly(ethylene glycol) systems: New experiments and cumulative thermodynamic processing of all data. Journal of Chemical Thermodynamics, 2020, 140, 105901.	1.0	4
30	Vapor-liquid and liquid-liquid equilibria in the waterÂ+Âpoly(propylene glycol) system. Journal of Molecular Liquids, 2021, 337, 116336.	2.3	4
31	DSC study of the miscibility of PPO and sulphonylated PPO in blends with alternating copolymers of Î²-substituted styrene derivatives with maleic anhydride and with N-substituted maleimides. Thermochimica Acta, 1994, 233, 75-86.	1.2	3
32	Estimation of the segmental interaction parameters of polymer blends based on styrene and 2,6-dimethyl-1,4-phenylene oxide derivatives. Fluid Phase Equilibria, 1997, 139, 277-294.	1.4	3
33	Miscibility-immiscibility behaviour in blends of phenylsulfonylated poly(2,6-dimethyl-1,4-phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	3
34	Phase behaviour in blends of poly[styrene-co-ortho(para)-bromostyrene] and phenylsulfonylated poly(2,6-dimethyl-1,4-phenylene oxide) copolymers. Polymer, 1998, 39, 2847-2850.	1.8	3
35	COPOLYMERIZATION OF N-ACRYL-N,Nâ€²-DICYCLOHEXYLUREA AND N-METHACRYL-N,Nâ€²-DICYCLOHEXYLUREA WITH STYRENE. Journal of Macromolecular Science - Pure and Applied Chemistry, 2001, 38, 839-850.	1.2	3
36	Nanoporous Crosslinked Copolymers Prepared by Thermal Degradation of Poly(Methacrylâ€N,Nâ€²â€diisopropylureaâ€coâ€ethylene Glycol Dimethacrylate). Journal of Macromolecular Science - Pure and Applied Chemistry, 2004, 41, 1087-1094.	1.2	3

#	Article	IF	Citations
37	Vapourâ€“liquid equilibria in the polymer+solvent system containing lower concentrations of solute at normal or reduced pressures. Fluid Phase Equilibria, 2013, 358, 301-303.	1.4	3
38	Ebulliometric measurement of total pressure in the binary polystyreneÂ+Âbutan-2-one system. Fluid Phase Equilibria, 2016, 424, 41-43.	1.4	3
39	Simple Apparatus for the Measurement of Total Pressure of Polymerâ€Solvent Mixtures. Chemical Engineering and Technology, 2017, 40, 991-996.	0.9	3
40	An improved apparatus for vapourâ€“liquid equilibria measurement in polymerÂ+ solvent systems at higher temperatures: A study of the waterÂ+ poly(ethylene glycol) system. Fluid Phase Equilibria, 2017, 454, 111-115.	1.4	3
41	POLYMERIZATION OF N(p-PHENOXY-PHENYL)ACRYLAMIDE AND COPOLYMERS WITH STYRENE. Journal of Macromolecular Science - Pure and Applied Chemistry, 2001, 38, 1075-1086.	1.2	2
42	FREE-RADICAL-INITIATED COPOLYMERIZATION OF 2-CHLOROSTYRENE, 4-CHLOROSTYRENE, AND 2,6-DICHLOROSTYRENE WITH MALEIC ANHYDRIDE. Journal of Macromolecular Science - Pure and Applied Chemistry, 2001, 38, 253-261.	1.2	2
43	Structural Differences Between Copolymers of Acrylâ€•and Methacrylâ€dicyclohexylurea with Ethylene Glycol Dimethacrylate and their Thermal Degradation Products. Journal of Macromolecular Science - Pure and Applied Chemistry, 2005, 42, 1621-1626.	1.2	2
44	Synthesis of Nâ€Acrylâ€N,Nâ€²â€diâ€tertâ€Butylurea and Copolymerization with Ethylene Glycol Dimethacrylate. Journal of Macromolecular Science - Pure and Applied Chemistry, 2006, 43, 879-887.	1.2	2
45	Pearson-type I Distribution Function for Polydisperse Polymer Systems. Molar Mass Distributionâ€,Â§. Journal of Chemical Information and Computer Sciences, 2003, 43, 880-884.	2.8	1
46	Freeâ€Radical Initiated Polymerization of Nâ€methacrylâ€N,Nâ€²â€diisopropylurea with Styrene. Journal of Macromolecular Science - Pure and Applied Chemistry, 2005, 42, 535-542.	1.2	0
47	Copolymerization of Nâ€tertâ€Butylacrylamide with Ethylene Glycol Dimethacrylate. Journal of Macromolecular Science - Pure and Applied Chemistry, 2007, 44, 721-725.	1.2	0
48	Experiments and Modelling of Liquidâ€“liquid Equilibria in the Mineral Oil + N,N-dimethylformamide System. Procedia Engineering, 2012, 42, 721-725.	1.2	0