

Zuzanna Å»oÅ»ek-Tryznowska

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

680
citations

566801

15
h-index

580395

25
g-index

37
all docs

37
docs citations

37
times ranked

627
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Effect of an Ionic Liquid (IL) Cation on the Ternary System (IL + p-Xylene + Hexane) at T = 298.15 K. Journal of Chemical & Engineering Data, 2007, 52, 2345-2349. | 1.0 | 75 |
| 2 | Separation of Hexane/Ethanol Mixtures. LLE of Ternary Systems (Ionic Liquid or Hyperbranched) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 54, 972-976. | 1.0 | 57 |
| 3 | Thermodynamic Phase Behavior of Ionic Liquids. Journal of Chemical & Engineering Data, 2007, 52, 1872-1880. | 1.0 | 56 |
| 4 | Facile route to multigram synthesis of environmentally friendly non-isocyanate polyurethanes. Polymer, 2015, 80, 228-236. | 1.8 | 52 |
| 5 | The Influence of Starch Origin on the Properties of Starch Films: Packaging Performance. Materials, 2021, 14, 1146. | 1.3 | 42 |
| 6 | Starch films as an environmentally friendly packaging material: Printing performance. Journal of Cleaner Production, 2020, 276, 124265. | 4.6 | 40 |
| 7 | Branched polyglycerols as performance additives for water-based flexographic printing inks. Progress in Organic Coatings, 2015, 78, 334-339. | 1.9 | 38 |
| 8 | Flexographic printing ink modified with hyperbranched polymers: Boltorn [®] , P500 and Boltorn [®] , P1000. Dyes and Pigments, 2013, 96, 602-608. | 2.0 | 25 |
| 9 | Wettability and surface free energy of NIPL coatings based on bis(2,3-dihydroxypropyl)ether dicarbonate. Progress in Organic Coatings, 2017, 109, 55-60. | 1.9 | 24 |
| 10 | Measurements of the density and viscosity of binary mixtures of (hyper-branched polymer,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 To Thermodynamics, 2010, 42, 651-658. | 1.0 | 22 |
| 11 | Temperature and composition dependence of the density and viscosity of binary mixtures of (hyperbranched polymer, B-U3000+1-alcohol, or ether). Journal of Chemical Thermodynamics, 2009, 41, 821-828. | 1.0 | 19 |
| 12 | Separation of an Alcohol and a Tetrahydrofuran, Methyl <i>tert</i> -Butyl Ether, or Ethyl <i>tert</i> -Butyl Ether by Solvent Extraction with a Hyperbranched Polymer at <i>T</i> = 298.15 K. Journal of Chemical & Engineering Data, 2010, 55, 2879-2885. | 1.0 | 19 |
| 13 | Wood adhesive application of poly(hydroxyurethane)s synthesized with a dimethyl succinate-based amide backbone. RSC Advances, 2017, 7, 30385-30391. | 1.7 | 19 |
| 14 | The influence of aging on surface free energy of corona treated packaging films. Polymer Testing, 2020, 89, 106629. | 2.3 | 19 |
| 15 | Measurements of mass-fraction activity coefficient at infinite dilution of aliphatic and aromatic hydrocarbons, thiophene, alcohols, water, ethers, and ketones in hyperbranched polymer, Boltorn H2004, using inverse gas chromatography. Journal of Chemical Thermodynamics, 2010, 42, 363-370. | 1.0 | 16 |
| 16 | Liquid-Liquid Phase Equilibria of Binary Systems Containing Hyperbranched Polymer B-U3000: Experimental Study and Modeling in Terms of Lattice Cluster Theory. Journal of Chemical & Engineering Data, 2010, 55, 3842-3846. | 1.0 | 15 |
| 17 | Rheology of Printing Inks. , 2016, , 87-99. | | 15 |
| 18 | Synthesis, characterization and reactivity of a six-membered cyclic glycerol carbonate bearing a free hydroxyl group. Green Chemistry, 2016, 18, 802-807. | 4.6 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Thermodynamic Properties of Hyperbranched Polymer, Boltorn U3000, Using Inverse Gas Chromatography. Journal of Physical Chemistry B, 2009, 113, 15312-15321. | 1.2 | 11 |
| 20 | Mass-Fraction Activity Coefficients at Infinite Dilution Measurements for Organic Solutes and Water in the Hyperbranched Polymer Boltorn W3000 Using Inverse Gas Chromatography. Journal of Chemical & Engineering Data, 2010, 55, 1258-1265. | 1.0 | 11 |
| 21 | Hyperbranched polyglycerol as an additive for water-based printing ink. Journal of Coatings Technology Research, 2015, 12, 385-392. | 1.2 | 9 |
| 22 | Solubility of hyperbranched polymer, Boltorn W-3000, in alcohols, ethers and hydrocarbons. Journal of Chemical Thermodynamics, 2010, 42, 1304-1309. | 1.0 | 8 |
| 23 | Effect of Temperature and Composition on the Surface Tension and Thermodynamic Properties of Binary Mixtures of Boltorn U3000 with Alcohols and Ether. Journal of Solution Chemistry, 2010, 39, 864-876. | 0.6 | 8 |
| 24 | Hyperbranched polymers – their application in printing inks. Composite Interfaces, 2012, 19, 441-451. | 1.3 | 8 |
| 25 | Ionic liquids as performance additives for water-based printing inks. Coloration Technology, 2014, 130, 314-318. | 0.7 | 8 |
| 26 | Surface Properties of Poly(Hydroxyurethane)s Based on Five-Membered Bis-Cyclic Carbonate of Diglycidyl Ether of Bisphenol A. Materials, 2020, 13, 5184. | 1.3 | 8 |
| 27 | Influence of Some Flexographic Printing Process Conditions on the Optical Density and Tonal Value Increase of Overprinted Plastic Films. Coatings, 2020, 10, 816. | 1.2 | 8 |
| 28 | Improvement of light fastness of water-based printing inks with addition of glycerol derivative containing thiol groups. Coloration Technology, 2018, 134, 100-105. | 0.7 | 7 |
| 29 | (Liquid + liquid) equilibria of binary systems containing hyperbranched polymer Boltorn® H2004 – Experimental study and modelling in terms of lattice-cluster theory. Journal of Chemical Thermodynamics, 2011, 43, 167-171. | 1.0 | 5 |
| 30 | Additives for Ink Manufacture. , 2016, , 57-66. | | 5 |
| 31 | The wettability effect of branched polyglycerols used as performance additives for water-based printing inks. Journal of Coatings Technology Research, 2018, 15, 649-655. | 1.2 | 5 |
| 32 | Mass Fraction Activity Coefficients at Infinite Dilution Measurements for Organic Solutes in the Dendritic Polymer PAMAM-C ₁₂ Using Inverse Gas Chromatography. Journal of Chemical & Engineering Data, 2010, 55, 4976-4981. | 1.0 | 4 |
| 33 | Data on synthesis and characterization of new diglycerol based environmentally friendly non-isocyanate poly(hydroxyurethanes). Data in Brief, 2016, 6, 77-82. | 0.5 | 4 |
| 34 | GLYCEROL DERIVATIVES AS A MODERN PLASTICIZERS FOR STARCH FILMS. , 2018, , . | | 2 |
| 35 | A comparative study of the interaction between the dried ink layer and PLA film used for packaging purposes. Polymer Engineering and Science, 0, , . | 1.5 | 1 |
| 36 | Measurements of surface free energy as a tool to asses the effect of varnishing and printing of the paper substrates. , 2020, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 37 | Mathematical modelling of optical density on the example of producing rasterized films. , 2020, , . | | 0 |