

Ã-zlem Cankurtaran

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6406924/publications.pdf>

Version: 2024-02-01

52
papers

436
citations

759233

12
h-index

888059

17
g-index

52
all docs

52
docs citations

52
times ranked

253
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A study of the thermodynamical interactions with solvents and surface characterisation of liquid crystalline 5-((S)-3,7-dimethyloctyloxy)-2-[[[4-(dodecyloxy)phenyl]imino]-methyl]phenol by inverse gas chromatography. <i>Journal of Molecular Liquids</i> , 2016, 223, 861-867. | 4.9 | 26 |
| 2 | Effective biosorption of methylene blue dye from aqueous solution using wild macrofungus (<i>Lactarius piperatus</i>). <i>Separation Science and Technology</i> , 2022, 57, 854-871. | 2.5 | 24 |
| 3 | Determination of secondary transitions and thermodynamic interaction parameters of poly (ether) Tj ETQq1 1 0.784314 rgBT/Overlo 3.3 22 | | |
| 4 | Investigation of thermodynamic and surface characterisation of 4-[4-(2-ethylhexyloxy)benzoyloxy]benzoic acid thermotropic liquid crystal by inverse gas chromatography. <i>Liquid Crystals</i> , 2014, 41, 1323-1331. | 2.2 | 20 |
| 5 | A new liquid crystal of considerable value for the separation of closely related solvents by gas chromatography. <i>Liquid Crystals</i> , 2010, 37, 1111-1118. | 2.2 | 18 |
| 6 | Determination of some thermodynamical interaction parameters of polycaprolactone with some solvents by inverse gas chromatography. <i>Polymer International</i> , 2002, 51, 1285-1289. | 3.1 | 17 |
| 7 | Comparison of the intrinsic viscosity and inverse gas chromatography techniques in determination of the exchange enthalpy and entropy parameters. <i>Polymer</i> , 1997, 38, 3539-3543. | 3.8 | 16 |
| 8 | Determination of crystallinity ratio and some physicochemical properties of poly(4-methyl-1-pentene). <i>Journal of Applied Polymer Science</i> , 2009, 113, 901-906. | 2.6 | 16 |
| 9 | The ratio of crystallinity and thermodynamical interactions of polycaprolactone with some aliphatic esters and aromatic solvents by inverse gas chromatography. <i>Polymer Bulletin</i> , 2005, 53, 349-357. | 3.3 | 15 |
| 10 | Determination of Exchange Enthalpy and Entropy Parameters of Poly(dimethylsiloxane) with Somen-Alkanes by Inverse Gas Chromatography. <i>Polymer International</i> , 1996, 41, 307-313. | 3.1 | 14 |
| 11 | Thermodynamic and surface characterisation of 4-[4-((S)-citronellyloxy)benzoyloxy]benzoic acid thermotropic liquid crystal. <i>Liquid Crystals</i> , 2016, 43, 142-151. | 2.2 | 14 |
| 12 | Determination of the exchange enthalpy and entropy parameters of the equation-of-state theory for poly(dimethyl siloxane) in various solvents. <i>Polymer</i> , 1996, 37, 3019-3023. | 3.8 | 12 |
| 13 | Physicochemical characterization of poly(tert-butyl acrylate-b-methyl methacrylate) prepared with atom transfer radical polymerization by inverse gas chromatography. <i>Polymer</i> , 2006, 47, 132-139. | 3.8 | 12 |
| 14 | Use of inverse gas chromatography for the physicochemical characterisation of a new synthesised liquid crystal: 5-((2-methylbutoxy)-2-[[[4-(dodecyloxyphenyl)imino]methyl]phenol. <i>Liquid Crystals</i> , 2008, 35, 1351-1358. | 2.2 | 12 |
| 15 | Thermodynamic Characterization of Surface and Solubility of 5-((S)-3,7-Dimethyloctyloxy)-2-[[[4-(octyloxy)phenyl]imino]methyl]phenol Liquid Crystal with Some Solvents. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 1007-1013. | 1.9 | 12 |
| 16 | Thermodynamical study of poly(n-hexyl methacrylate) with some solvents by inverse gas chromatography. <i>Journal of Applied Polymer Science</i> , 2011, 122, 1815-1822. | 2.6 | 11 |
| 17 | Investigation of acid-base and surface characteristics of a thermotropic semifluorinated salicylaldehyde liquid crystal by inverse gas chromatography. <i>Liquid Crystals</i> , 2012, 39, 1421-1426. | 2.2 | 11 |
| 18 | The evaluation of miscibility of blends of poly(ether imide) (Ultem®1000) and a copolyester of bisphenol-A with terephthalic and isophthalic acid (Ardel®D-100) by viscosimetry. <i>European Polymer Journal</i> , 2007, 43, 507-513. | 5.4 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Thermodynamic and surface characterisation of (<i>S</i>)-5-dodecylcycloxy-2-[[[4-(2-methylbutoxy)phenyl]imino]methoxy]phenol thermotropic liquid crystal by inverse gas chromatography. <i>Liquid Crystals</i> , 2012, 39, 87-97. | 2.2 | 10 |
| 20 | Determination of exchange enthalpy and entropy parameters of the equation-of-state theory for poly(dimethyl siloxane) and some aromatic solvents by inverse gas chromatography. <i>Polymer International</i> , 2000, 49, 99-102. | 3.1 | 9 |
| 21 | Detection of microphase separation in poly(<i>tert</i> -butyl acrylate- <i>b</i> -methyl methacrylate) synthesized via atom transfer radical polymerization by inverse gas chromatography. <i>European Polymer Journal</i> , 2008, 44, 2115-2122. | 5.4 | 9 |
| 22 | Investigation of thermodynamic properties of 4-decyloxybiphenyl-4'-carboxylic acid liquid crystal and preparation of polymer dispersed liquid crystal composite. <i>Journal of Molecular Liquids</i> , 2018, 265, 24-30. | 4.9 | 9 |
| 23 | The study on cholesteryl chloroformate liquid crystal for separation of isomers and determination of its surface properties. <i>Separation Science and Technology</i> , 2022, 57, 2843-2851. | 2.5 | 9 |
| 24 | Thermodynamic interactions of a copolyester of bisphenol A with terephthalic acid and isophthalic acid with some solvents. <i>Journal of Applied Polymer Science</i> , 2005, 98, 2365-2368. | 2.6 | 8 |
| 25 | A study on the parameters of exchange enthalpy, X ₁₂ , and entropy, Q ₁₂ , in the equation-of-state theory for some polymer-solvent pairs. <i>Polymer</i> , 1998, 39, 1243-1247. | 3.8 | 7 |
| 26 | Determination of glass transition temperature and surface properties of novel chalcone modified poly (styrene) based polymer. <i>Thermal Science</i> , 2019, 23, 193-202. | 1.1 | 7 |
| 27 | Thermodynamic interactions and characterization of poly(<i>p</i> -chlorostyrene) with some aliphatic and aromatic probes by inverse gas chromatography. <i>Polymer</i> , 1992, 33, 4563-4568. | 3.8 | 6 |
| 28 | Equation-of-state exchange parameters of poly(methyl methacrylate) with some aliphatic esters. <i>European Polymer Journal</i> , 2001, 37, 747-751. | 5.4 | 6 |
| 29 | Relaxation and Miscibility of the Blends of a Poly (Ether Imide) (Ultem®, C) and a Phenol-A-Based Copolyester (Ardel®, C) by Inverse Gas Chromatography. <i>Chromatographia</i> , 2012, 75, 1157-1164. | 1.3 | 6 |
| 30 | Evaluation of the surface properties of 4-(Decyloxy) benzoic acid liquid crystal and its use in structural isomer separation. <i>Turkish Journal of Chemistry</i> , 2021, 45, 845-857. | 1.2 | 6 |
| 31 | Secondary transitions and thermodynamic interaction parameters of poly (phenyl sulfone) by gas chromatography. <i>Polymer Bulletin</i> , 2003, 51, 225-230. | 3.3 | 5 |
| 32 | A study of some equation-of-state parameters of poly(methylhydrosiloxane-co-dimethylsiloxane) with some solvents by gas chromatography. <i>Journal of Applied Polymer Science</i> , 2007, 104, 1627-1631. | 2.6 | 5 |
| 33 | Synthesis and Surface Characterizations of New Banana-Shaped Liquid Crystal 4-Bromo-1,3-phenylene-bis[4-[(10- undecenyloxy)-benzoyloxy]]benzoate. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 587, 28-40. | 0.9 | 5 |
| 34 | Application of inverse gas chromatography in the surface characterization of diethanol amine modified polystyrene based polymer. <i>Turkish Journal of Chemistry</i> , 2021, 45, 1533-1542. | 1.2 | 5 |
| 35 | Determination of transition points and thermodynamic interaction parameters of poly(2,6-dimethyl-1,4-phenylene oxide). <i>Plastics, Rubber and Composites</i> , 2008, 37, 276-280. | 2.0 | 4 |
| 36 | Evaluations on the miscibility of the mixtures of poly(2,6-dimethyl-1,4-phenylene oxide) and a copolyester of bisphenol A. <i>Polymers for Advanced Technologies</i> , 2009, 20, 291-297. | 3.2 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Investigation of the surface properties of dibutyl amine modified poly(styrene) based polymer by inverse gas chromatography method. Journal of Polymer Research, 2021, 28, 1. | 2.4 | 4 |
| 38 | A comparative study of surface properties of <i>Urtica dioica</i> (nettle) leaves, roots, and seeds and examination of their ability to separate xylene isomers. Phytochemical Analysis, 2022, 33, 886-894. | 2.4 | 4 |
| 39 | Detecting organic vapors using a conductometric sensor prepared from Ardel®D-100 and graphite. Mikrochimica Acta, 2008, 160, 441-445. | 5.0 | 3 |
| 40 | Dispersive Surface Energy and Acid-Base Parameters of Tosylate Functionalized Poly(ethylene glycol) via Inverse Gas Chromatography. Journal of Chemistry, 2014, 2014, 1-7. | 1.9 | 3 |
| 41 | Thermodynamic and separation properties of 4-(octyloxy) benzoic acid liquid crystals by inverse gas chromatography (IGC). Instrumentation Science and Technology, 2022, 50, 1-15. | 1.8 | 3 |
| 42 | Determination of the surface thermodynamic characteristics and the structural isomer separation ability of new synthesized phenylbenzoate-based three-ring calamitic liquid crystals by inverse gas chromatography. Journal of Molecular Structure, 2022, 1265, 133379. | 3.6 | 3 |
| 43 | Determination of Rate of Crystallinity and Thermodynamical Interaction Parameters of Polycaprolactone with Some Solvents by Gas Chromatography. Macromolecular Symposia, 2004, 217, 301-306. | 0.7 | 2 |
| 44 | Swelling behavior of polystyrene networks in some aliphatic esters and linear polystyrene solutions. Polymer Bulletin, 2007, 58, 305-312. | 3.3 | 2 |
| 45 | Miscibility studies on a copolyester of bisphenol-A with terephthalic and isophthalic acids/bisphenol-A polycarbonate blends. Journal of Applied Polymer Science, 2010, 117, 309-314. | 2.6 | 2 |
| 46 | Miscibility in mixtures of liquid crystal 4-[4-(tetradecyloxy)benzoyloxy] benzoic acid and poly(ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 0.9 | 2 |
| 47 | Synthesis and characterization of novel 4-benzyloxyphenyl 4-[4-(n-dodecyloxy) benzoyloxy]benzoate liquid crystal. Turkish Journal of Chemistry, 2021, 45, 71-81. | 1.2 | 2 |
| 48 | Liquid Crystal Entrapped Porous Films for Ammonia Sensing and Determination of Surface Properties of Liquid Crystal Molecule. ChemistrySelect, 2021, 6, 6740-6747. | 1.5 | 2 |
| 49 | Synthesis, Preparation, and Characterization of Liquid Crystal/Organo-Montmorillonite Nanocomposites. Molecular Crystals and Liquid Crystals, 2015, 607, 23-31. | 0.9 | 1 |
| 50 | Investigation of thermodynamic properties of Amine Modified Polystyrene and its use for separation of isomers. Fluid Phase Equilibria, 2022, 559, 113467. | 2.5 | 1 |
| 51 | A study on swelling behavior of poly(<i>p</i> -chloro styrene) networks in some aromatic hydrocarbons and linear poly(<i>p</i> -chloro styrene) solutions. Journal of Applied Polymer Science, 2009, 111, 1328-1334. | 2.6 | 0 |
| 52 | Studies on Miscibility of a Copolyester of Bisphenol-A with Terephthalic and Isophthalic Acids and Poly(methyl methacrylate) Blends in Dilute Solution. Polymer Science - Series A, 2021, 63, 429-434. | 1.0 | 0 |