

## Assoc. Prof. Fatih ÇAKAR

### Personal Information

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### Education Information

Doctorate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Fizikokimya, Turkey 2005 - 2011

Post Graduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Fizikokimya, Turkey 2002 - 2005

Under Graduate, Uludağ Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Turkey 1997 - 2002

### Dissertations

Doctorate, Çeşitli polimer-polimer karışımlarının ters gaz kromatografi, viskozite ve iletkenlik metodlarıyla karakterizasyonu, Yıldız Technical University, Graduate School of Natural and Applied Sciences, 2011

Post Graduate, Poli (eter imid)'in termodinamik etkileşimlerinin ve ikinci dereceden geçişlerinin ters gaz kromatografisi metodu ile belirlenmesi ve poli (eter imid)'in elektrik iletkenliğinin incelenmesi, Yıldız Technical University, Graduate School of Natural and Applied Sciences, 2005

### Research Areas

Chemistry, Physical Chemistry, Characterization of Polymers, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2017 - Continues

Assistant Professor, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2012 - 2017

Research Assistant, Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2006 - 2012

### Professional Experience

Deputy Head of Department, Yıldız Technical University, 2016 - 2020

Assistant Coordinator, Yıldız Teknik Üniversitesi, Rectorate, Farabi, 2013 - 2017

Assistant Coordinator, Yıldız Teknik Üniversitesi, Rectorate, Öyp, 2013 - 2017

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Thermodynamic Characterization of Sodium Alginate by Inverse Gas Chromatography**  
Uğraşkan V., Işık B., Yazıcı Ö., Çakar F.  
JOURNAL OF CHEMICAL AND ENGINEERING DATA, vol.65, pp.1795-1801, 2020 (Journal Indexed in SCI)
- II. **Synthesis and liquid crystalline properties of new triazine-based pi-conjugated macromolecules with chiral side groups**

Akkurt N., Al-Jumaili M. H. A. , Ocak H., Çakar F., Torun L.

TURKISH JOURNAL OF CHEMISTRY, vol.44, pp.726-746, 2020 (Journal Indexed in SCI)

- III. **Thermodynamic Characterization of Surface and Solubility of 5-((S)-3,7-Dimethyloctyloxy)-2-[[[4-(octyloxy)phenyl]imino]methyl]phenol Liquid Crystal with Some Solvents**  
Yanic S. M. , ÇAKAR F., OCAK H., KARAMAN F., CANKURTARAN Ö., Eran B.  
JOURNAL OF CHEMICAL AND ENGINEERING DATA, vol.64, pp.1007-1013, 2019 (Journal Indexed in SCI)
- IV. **DETERMINATION OF GLASS TRANSITION TEMPERATURE AND SURFACE PROPERTIES OF NOVEL CHALCONE MODIFIED POLY (STYRENE) BASED POLYMER**  
Adiguzel A. C. , ÇAKAR F., Şenkal B. F. , CANKURTARAN Ö., Hepuzer Gursel Y., KARAMAN F.  
THERMAL SCIENCE, vol.23, 2019 (Journal Indexed in SCI)
- V. **Investigation of thermodynamic properties of 4-decyloxybiphenyl-4 '-carboxylic acid liquid crystal and preparation of polymer dispersed liquid crystal composite**  
Öztürk E., Ocak H., Çakar F., Karanlık G., Cankurtaran Ö., Bilgin-Eran B.  
JOURNAL OF MOLECULAR LIQUIDS, vol.265, pp.24-30, 2018 (Journal Indexed in SCI)
- VI. **Surface and Thermodynamic Characterizations and Secondary Transition of Novel Phthalocyanine Glass**  
Korkut S., Yazıcı Ö., Çakar F.  
JOURNAL OF CHEMICAL AND ENGINEERING DATA, vol.63, pp.1146-1153, 2018 (Journal Indexed in SCI)
- VII. **Morphology and preparation of polymer dispersed liquid crystals by solvent-induced phase separation method**  
Yanic S. M. , OCAK H., ÇAKAR F., Bilgin-Eran B., GUZELLER D., CANKURTARAN Ö.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.11, pp.77-81, 2017 (Journal Indexed in SCI)
- VIII. **Miscibility in mixtures of liquid crystal 4-[4-(tetradecyloxy)benzoyloxy] benzoic acid and poly(ether imide)**  
ÇAKAR F., OCAK H., Bilgin-Eran B., OZKAL S., CANKURTARAN Ö., KARAMAN F.  
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.656, pp.66-73, 2017 (Journal Indexed in SCI)
- IX. **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**  
OCAK H., Mutlu-Yanic S., ÇAKAR F., Bilgin-Eran B., GUZELLER D., KARAMAN F., CANKURTARAN Ö.  
JOURNAL OF MOLECULAR LIQUIDS, vol.223, pp.861-867, 2016 (Journal Indexed in SCI)
- X. **Miscibility studies on a poly (ether imide) and poly (methyl methacrylate) blends**  
Çakar F., Yazıcı Ö., Adlı E.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.10, pp.578-582, 2016 (Journal Indexed in SCI)
- XI. **A study of dendritic ionic liquid crystals: Using (S)-4-citronellyloxybenzoic acid and polypropylene imine dendrimers**  
TURKCU H. N. , OCAK H., GURBUZ M. U. , ÇAKAR F., Bilgin-Eran B., TÜLÜ M.  
JOURNAL OF MOLECULAR LIQUIDS, vol.216, pp.209-215, 2016 (Journal Indexed in SCI)
- XII. **A study on miscibility of polysulfone and polydimethylsiloxane mixtures by viscometry**  
Kaya M. A. , Çakar F., Cankurtaran Ö., Karaman F.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.10, pp.240-244, 2016 (Journal Indexed in SCI)
- XIII. **Thermodynamical characterization of poly (ethylene glycol) and tosylate functionalized poly(ethylene glycol) interaction with some nonpolar and polar solvents via inverse gas chromatography**  
Sesigür F., Dasdan D., Yazıcı Ö., Çakar F., Cankurtaran Ö., Karaman F.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.10, pp.97-101, 2016 (Journal Indexed in SCI)
- XIV. **Thermodynamic and surface characterisation of 4-[4-((S)-citronellyloxy) benzoyloxy] benzoic acid**

**thermotropic liquid crystal**

EROL I., ÇAKAR F., OCAK H., CANKURTARAN H., CANKURTARAN Ö., Bilgin-Eran B., KARAMAN F.  
LIQUID CRYSTALS, vol.43, pp.142-151, 2016 (Journal Indexed in SCI)

- XV. **Synthesis, Preparation, and Characterization of Liquid Crystal/Organo-Montmorillonite Nanocomposites**  
YANIC S. M. , GUZELLER D., OCAK H., ÇAKAR F., EROL I., CANKURTARAN Ö., Eran B. B.  
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.607, pp.23-31, 2015 (Journal Indexed in SCI)
- XVI. **Dispersive Surface Energy and Acid-Base Parameters of Tosylate Functionalized Poly(ethylene glycol) via Inverse Gas Chromatography**  
sesigür F., SAKAR D., YAZICI Ö., ÇAKAR F., CANKURTARAN Ö., KARAMAN F.  
JOURNAL OF CHEMISTRY, 2014 (Journal Indexed in SCI)
- XVII. **Investigation of thermodynamic and surface characterisation of 4-[4-(2-ethylhexyloxy)benzoyloxy] benzoic acid thermotropic liquid crystal by inverse gas chromatography**  
ÇAKAR F., OCAK H., ÖZTÜRK E., MUTLU-YANIC S., Kaya D., SAN N., CANKURTARAN Ö., Bilgin-Eran B., KARAMAN F.  
LIQUID CRYSTALS, vol.41, pp.1323-1331, 2014 (Journal Indexed in SCI)
- XVIII. **Compatibility studies of poly(ether imide) with liquid crystal mixtures**  
ÇAKAR F., OCAK H., Bilgin-Eran B., CANKURTARAN Ö., KARAMAN F.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.7, pp.667-671, 2013 (Journal Indexed in SCI)
- XIX. **Synthesis and Surface Characterizations of New Banana-Shaped Liquid Crystal 4-Bromo-1,3-phenylene-bis[4-[4'-(10-undecenyloxy)-benzoyloxy]]benzoate**  
YORUR-GORECI C., ÇAKAR F., GULTEKIN M., CANKURTARAN Ö., KARAMAN F., Bilgin-Eran B.  
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.587, pp.28-40, 2013 (Journal Indexed in SCI)
- XX. **A study on compatibility of polymer blends of Poly(2,6-dimethyl-1,4-phenyleneoxide)/Poly(ether imide)**  
ÇAKAR F., YAZICI Ö., CANKURTARAN Ö., KARAMAN F.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.6, pp.1153-1156, 2012 (Journal Indexed in SCI)
- XXI. **Relaxation and Miscibility of the Blends of a Poly (Ether Imide) (Ultem (TM)) and a Phenol-A-Based Copolyester (Ardel (TM)) by Inverse Gas Chromatography**  
Çakar F., Cankurtaran Ö., Karaman F.  
CHROMATOGRAPHIA, vol.75, pp.1157-1164, 2012 (Journal Indexed in SCI)
- XXII. **Surface analysis of poly ether imide by inverse gas chromatography**  
Çakar F., Yazıcı Ö., Şakar Daşdan D., Cankurtaran Ö., Karaman F.  
Optoelectronics And Advanced Materials-Rapid Communications, vol.5, pp.821-826, 2011 (Journal Indexed in SCI Expanded)
- XXIII. **Electrical and thermodynamical characterization of thermotropic liquid crystal**  
Sesigür F., Sakar D., Yasa-Sahin O., Kuruoğlu F., Çakar F., Mogulkoc M., Çalışkan M., Cankurtaran Ö., Serin M., Bilgin-Eran B.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.5, pp.572-576, 2011 (Journal Indexed in SCI)
- XXIV. **Miscibility Studies on a Copolyester of Bisphenol-A with Terephthalic and Isophthalic Acids/Bisphenol-A Polycarbonate Blends**  
Sakar D., Çakar F., Cankurtaran Ö., Karaman F.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.117, pp.309-314, 2010 (Journal Indexed in SCI)
- XXV. **Conducting poly(ether imide)-graphite composite for some solvent vapors sensing application**  
Çakar F., Moroglu M. R. , Cankurtaran H., Karaman F.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.145, pp.126-132, 2010 (Journal Indexed in SCI)
- XXVI. **Miscibility criteria of blends of poly(2,6-dimethyl-1,4-phenylene oxide)/A copolyester of bisphenol-A with terephthalic and isophthalic acids by viscometric analysis**  
ÇAKAR F., SAKAR D., CANKURTARAN Ö., KARAMAN F.

- OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.3, pp.1106-1109, 2009 (Journal Indexed in SCI)
- XXVII. **Studies on the miscibility of poly(isobutylene) with poly(ether imide) blends in dilute solutions**  
ÇAKAR F., CANKURTARAN Ö.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.3, pp.1110-1113, 2009 (Journal Indexed in SCI)
- XXVIII. **Determination of Crystallinity Ratio and Some Physicochemical Properties of Poly(4-methyl-1-pentene)**  
YAZICI Ö., ÇAKAR F., CANKURTARAN Ö., KARAMAN F.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.113, pp.901-906, 2009 (Journal Indexed in SCI)
- XXIX. **Miscibility criteria of blends of polystyrene/a copolyester of bisphenol-A with terephthalic and isophthalic acids by viscometric analysis**  
Sakar D., Çakar F., Cankurtaran Ö., Karaman F.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.3, pp.290-293, 2009 (Journal Indexed in SCI)
- XXX. **A Study on Swelling Behavior of Poly(p-chloro styrene) Networks in Some Aromatic Hydrocarbons and Linear Poly(p-chloro styrene) Solutions**  
Celik O., Sakar D., Çakar F., Cankurtaran Ö., Karaman F.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.111, pp.1328-1334, 2009 (Journal Indexed in SCI)
- XXXI. **Physicochemical characterization of 5-Decyloxy-2-[[[4-Hexyloxyphenyl]Imino]Methyl]Phenol liquid crystal by inverse gas chromatography**  
ÇAKAR F., YAZICI Ö., ERAN B. B. , CANKURTARAN Ö., KARAMAN F.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.2, pp.871-875, 2008 (Journal Indexed in SCI)
- XXXII. **Determination of dielectric properties by solubility parameter of poly(4-methyl-1-pentene)**  
YAZICI Ö., ÇAKAR F., CANKURTARAN Ö., KARAMAN F.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.2, pp.655-658, 2008 (Journal Indexed in SCI)
- XXXIII. **Synthesis and thermodynamical interactions of (S)-5-(2-methylbutoxy)-2-[[[4-hexyloxyphenyl]imino]methyl]-phenol liquid crystal with some solvents**  
YAZICI Ö., OCAK H., ÇAKAR F., CANKURTARAN Ö., ERAN B. B. , KARAMAN F.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.2, pp.366-370, 2008 (Journal Indexed in SCI)
- XXXIV. **Synthesis, characterization and retention behavior of 4-(tetradecyloxy)-N-(4-hexyloxyphenyl)-2-hydroxybenzalimine**  
ÇAKAR F., YORUR C., CANKURTARAN Ö., ERAN B. B. , KARAMAN F.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.2, pp.374-378, 2008 (Journal Indexed in SCI)
- XXXV. **Use of inverse gas chromatography for the physicochemical characterisation of a new synthesised liquid crystal: (S)-5-(2-methylbutoxy)-2-[[[4-dodecyloxyphenyl]imino]methyl]phenol**  
OCAK H., SAKAR D., ÇAKAR F., CANKURTARAN Ö., Eran B. B. , KARAMAN F.  
LIQUID CRYSTALS, vol.35, pp.1351-1358, 2008 (Journal Indexed in SCI)
- XXXVI. **The evaluation of miscibility of blends of poly(ether imide) (Ultem((R))1000) and a copolyester of bisphenol-A with terephthalic and isophthalic acid (Ardel((R))D-100) by viscosimetry**  
Çakar F., Sakar D., Cankurtaran O., Karaman F.  
EUROPEAN POLYMER JOURNAL, vol.43, pp.507-513, 2007 (Journal Indexed in SCI)
- XXXVII. **Determination of secondary transitions and thermodynamic interaction parameters of poly (ether imide) by inverse gas chromatography**  
ÇAKAR F., Cankurtaran O.  
POLYMER BULLETIN, vol.55, pp.95-104, 2005 (Journal Indexed in SCI)
- XXXVIII. **A study of the electrical properties and secondary transitions of poly (ether imide)**

## Articles Published in Other Journals

### I. THERMODYNAMICS OF A CHALCONE-BASED POLYMER BY INVERSE GAS CHROMATOGRAPHY METHOD

Adiguzel A. C. , Korkmaz B., ÇAKAR F., CANKURTARAN Ö., Hepuzer Gursel Y., Şenkal B. F. , KARAMAN F. SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.38, pp.581-588, 2020 (Journal Indexed in ESCI)

### II. THERMODYNAMIC INTERACTIONS OF 5-DECYLOXY-2-[[[4HEXYLOXYPHENYL]IMINO]METHYL] PHENOL WITH VARIOUS SOLVENTS

Yazici O., ÇAKAR F., Cankurtaran O., Karaman B. B. E. F. SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.27, pp.39-48, 2009 (Journal Indexed in ESCI)

## Refereed Congress / Symposium Publications in Proceedings

### I. Surface Characterization of a poly(styrene)-co-poly(3-chloro 2-hydro propyl methacrylate)

MAĞAZACI C., CANKURTARAN Ö., ÇAKAR F., IŞIK B., KORKMAZ B., ŞENKAL B. F. , HEPUZER GÜRSEL Y., KARAMAN F. 21.JCF-Frühjahrssymposium, Bremen, Germany, 20 March 2019, pp.202

### II. Physicochemical Investigations on Poly(2,2'-((4-vinylbenzyl)azanediyl)bis(ethan-1-ol)) by IGC Method

Çiğdem Adıgüzel A., CANKURTARAN Ö., ÇAKAR F., Hepuzer Gürsel Y., Şenkal B. F. , KARAMAN F. 21st JCF Spring Symposium and 2nd European Young Chemists' Meeting, Bremen, Germany, 20 March 2019, pp.128

### III. Thermodynamic Characterization of Poly(vinyl benzyl chloride) by IGC Method

Habiboğlu M. K. , Çakar F., Şenkal B. F. , Cankurtaran Ö., Gürsel Y., Karaman F. 21.JCF-Frühjahrssymposium, Bremen, Germany, 20 - 23 March 2019, pp.122

### IV. Polimetilmetakrilat/Sıvı Kristal Esaslı Polimer Kompozitlerin Sensör Özelliklerinin İncelenmesi

Öztürk E., CANKURTARAN H., ÇAKAR F., OCAK H., BİLGİN ERAN B. VII. Polimer Bilim ve Teknoloji Kongresi, Eskişehir, Turkey, 09 September 2018, pp.256

### V. Surface Characterization of Poly(vinyl benzyl chloride) by IGC Method

MELEK KÜBRA H., ÇAKAR F., ADIGÜZEL A. Ç. , ŞENKAL B. F. , CANKURTARAN Ö., GÜRSEL Y., KARAMAN F. VII.Polimer Bilim ve Teknoloji Kongresi, Turkey, 9 - 12 September 2018

### VI. A Study on Thermodynamic Properties by IGC Method for a NewChalcone-Based Polymer

ADIGÜZEL A. Ç. , KORKMAZ B., ÇAKAR F., CANKURTARAN Ö., GÜRSEL Y., ŞENKAL B. F. , KARAMAN F. Icaamm2018, 20 - 24 June 2018

### VII. Determination of the Surface Energy of a Chalcone-BasedPolymer by IGC Method

ADIGÜZEL A. Ç. , KORKMAZ B., ÇAKAR F., ŞENKAL B. F. , CANKURTARAN Ö., GÜRSEL Y., KARAMAN F. Icaamm2018, 20 - 24 June 2018

### VIII. Determination Of The Thermodynamic Properties Of Poly(methylmethacrylate)-carbon Nanotube Composite At Infinite Dilution Using Inverse Gas Chromatography

ERDOĞAN ÇAKAR A., AYKAN Ö., ÇAKAR F., CANKURTARAN Ö., KARAMAN F. Jcf 20. Frühjahrssymposium, Konstanz, Germany, 21 March 2018, pp.109

### IX. Determination of the Thermodynamic Properties of Poly(methylmethacrylate)-Carbon Nanotube Composite at Infinite Dilution Using Inverse Gas Chromatography

ERDOĞAN ÇAKAR A., Aykan ö., ÇAKAR F., CANKURTARAN Ö., KARAMAN F.

JCF 20. Frühjahrssymposium, Konstanz, Germany, 21 - 24 March 2018

- X. **Investigation of Thermodynamic Characterisation of 4-[4-(10-Undecenyloxy)Benzoyloxy]Benzoic Acid Thermotropic Liquid Crystal by Inverse Gas Chromatography**  
CANKURTARAN Ö., Balkanlı E., OCAK H., ÇAKAR F., Haşhaş N., BİLGİN ERAN B., KARAMAN F.  
20 th JCF Frühjahrssymposium 2018, Konstanz, Germany, 21 March 2018, pp.29
- XI. **Dispersive Surface Energy And Acid-Base Parameters of Poly(Vinyl Benzyl Chloride) With Tertiary Amine Containing Chalcone Polymer By Inverse Gas Chromatography**  
ADIGÜZEL A. Ç. , ÇAKAR F., SENKAL B. F. , HEPUZER Y., CANKURTARAN Ö., KARAMAN F.  
Second International Conference On Advances In Science, ICAS, 13 - 15 September 2017, pp.210
- XII. **Study Of Phase Transitions By Means Of Inverse Gas Chromatography For A New Chalcone Functional Group Containing Polymer**  
ADIGÜZEL C., ÇAKAR F., CANKURTARAN Ö., HEPUZER Y., SENKAL F., KARAMAN F.  
Second International Conference On Advances In Science, 13 - 15 September 2017, pp.208-209
- XIII. **Sıvı Kristal malzemelerin Termodinamik Özelliklerinin Ters Gaz Kromatografi Yöntemiyle Belirlenmesi**  
Suna K., Mutlu S., Çakar F., Ocak H., Bilgin Eran B., Cankurtaran Ö., Karaman F.  
8.Ulusal Kimya Öğrenci Kongresi, İstanbul, Turkey, 16 - 18 May 2017
- XIV. **The Separation of Isomers on Liquid Crystal Stationary Phase in Gas Chromatography**  
Balkanlı E., Çakar F., Ocak H., Cankurtaran Ö., Bilgin Eran B., Karaman F.  
19th JCF- Frühjahrssymposium, Mainz, Germany, 29 March - 01 April 2017, pp.168
- XV. **Surface Characterisation of 4-[4-(10-Undecenyloxy)Benzoyloxy]Benzoic Acid Liquid Crystal**  
Cankurtaran Ö., Yanic S., Çakar F., Ocak H., Bilgin Eran B., Karaman F.  
19th JCF- Frühjahrssymposium, Mainz, Germany, 29 March - 01 April 2017, pp.289
- XVI. **Observation of Thermodynamic Interaction Between A Novel Chalcone Containing Polystyrene Based Polymer and Several Solvents**  
KORKMAZ B., ADIGÜZEL C., ÇAKAR F., CANKURTARAN Ö., SENKAL F., HEPUZER Y., KARAMAN F.  
Second International Conference On Advances In Science, ICAS, 13 September - 15 March 2017, pp.207
- XVII. **Synthesis and physicochemical characterization of zincphthalocyanine by inverse gas chromatography**  
EKEN KORKUT S., YAZICI Ö., ÇAKAR F.  
International Congress on Fundamental and Applied Sciences, 22 - 26 August 2016
- XVIII. **Preparation and surface characterization of poly methyl methacrylate-Carbon nanotube composite**  
AYKAN Ö., ERDOĞAN A., ÇAKAR F., CANKURTARAN Ö., KARAMAN F.  
18th JCF-Frühjahrssymposium, Kiel, Germany, 16 - 19 March 2016
- XIX. **Preparation and surface characterization of poly methyl methacrylate Carbonnanotube composite**  
AYKAN Ö., ERDOĞAN A., ÇAKAR F., CANKURTARAN Ö., KARAMAN F.  
18th JCF-Frühjahrssymposium, Kiel, Germany, 16 - 19 March 2016
- XX. **4 4 2 Methylbutoxy Benzoyloxy Benzoic Acid Thermotropic Liquid Crystal of Considerable Value For The Separation of Closely Related Solvents By Inverse Gas Chromatography**  
Karaca T., Mağazacı C., Ocak H., Çakar F., Cankurtaran Ö., Bilgin Eran B., Karaman F.  
18th JCF-Frühjahrssymposium, Kiel, Germany, 16 - 19 March 2016
- XXI. **Poli(eter imid) ile 4-[4-(tetradesiloksi)benzoiloksi]benzoikasid Sıvı Kristali Karışımlarının Karışabilirliğinin Viskozite Yöntemi ile İncelenmesi, P46**  
Özkal S., ÇAKAR F., OCAK H., BİLGİN ERAN B., CANKURTARAN Ö., KARAMAN F.  
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 May 2015
- XXII. **4-[4-(10-Undekeniloksi(benzoiloksi)]benzoik Asit Sıvı Kristalinin Yüzey Özelliklerinin Belirlenmesi, P126**  
Haşhaş N., GUZELLER D., OCAK H., ÇAKAR F., CANKURTARAN Ö., BİLGİN ERAN B., KARAMAN F.  
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 May 2015
- XXIII. **Poli(metil metakrilat)'da Dağıtılmış 4-Desiloksibifenil-4'-Karboksilik Asit Sıvı Kristal Kompozitinin Karakterizasyonu**

- ÖZTÜRK E., KARANLIK G., ÇAKAR F., OCAK H., CANKURTARAN Ö., BİLGİN ERAN B.  
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 May 2015
- XXIV. **Çözücü Basamaklı Faz Ayrımı Metodu ile Polimerde Dağıtılmış Sıvı Kristalin Morfolojisi ve Karakterizasyonu, P50**  
MUTLU-YANIC S., OCAK H., GUZELLER D., ÇAKAR F., BİLGİN ERAN B., CANKURTARAN Ö.  
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 May 2015
- XXV. **Bütillendirilmiş Hidroksianisol Grubu İçeren Ftalosiyaninin Yüzey Özelliklerinin Belirlenmesi**  
Eken Korkut S., Yazıcı Ö., Çakar F.  
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 - 19 May 2015, pp.177
- XXVI. **Investigation on Thermodynamic Properties of 4-Decyloxybiphenyl-4'-carboxylic acid Liquid Crystal by Inverse Gas Chromatography**  
Çakar F., Karanlık G., Ocak H., Bilgin Eran B., Cankurtaran Ö., Karaman F.  
All In One Conferences, Dubai, United Arab Emirates, 24 March 2015, pp.1
- XXVII. **Morphology and Characterization of Polymer Dispersed Liquid Crystal by Solvent-Induced Phase Separation**  
MUTLU YANIÇ S., OCAK H., GÜZELLER D., ÇAKAR F., CANKURTARAN Ö., BİLGİN BİLGİN ERAN B.  
All in one conferences, Dubai, United Arab Emirates, 24 March 2015, pp.84
- XXVIII. **Polymethylmethacrylate/carbon nanotube/liquid crystal based mass sensitive sensors for solvent vapors**  
CANKURTARAN H., Çakar F., Bilgin Eran B.  
AIOC, All in One Conference, 01 March 2015, pp.80
- XXIX. **4-Desiloksi-4'-BifenilKarboksilik Asid Sıvı Kristalinin Yüzey Özelliklerinin Ters Gaz Kromatografisi İle İncelenmesi**  
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