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Education Information

Doctorate, Ondokuz Mayıs University, Fen-Bilimleri Enstitüsü, Kimya, Turkey 2001 - 2005

Postgraduate, Ondokuz Mayıs University, Fen-Bilimleri Enstitüsü, Kimya, Turkey 1999 - 2001

Undergraduate, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Kimya, Turkey 1995 - 1999

Dissertations

Doctorate, Bazı Organik Amonyum Fosfatlar ve Çinko-Organik Amonyum Fosfatların Sentezi ve Özellikleri, Ondokuz Mayıs University, Fen-Bilimleri Enstitüsü, Kimya, 2005

Postgraduate, 1,10-Fenantrolin ve Etilendiamin İçeren Karışık Liganthlı Bazı Geçiş Metal-Süksinato Komplekslerinin Sentezi, Spektroskopik, Termik ve Yapısal Özelliklerinin İncelenmesi, Ondokuz Mayıs University, Fen-Bilimleri Enstitüsü, Kimya, 2001

Research Areas

Chemistry, Inorganic Chemistry, Inorganic Polymers, Coordination Chemistry, Natural Sciences

Academic Titles / Tasks

Associate Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2012 - Continues

Assistant Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2007 - 2012

Research Assistant, Ondokuz Mayıs University, Fen-Bilimleri Enstitüsü, Kimya, 1999 - 2001

Courses

Industrial Chemistry, Undergraduate, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022

Seminer, Postgraduate, 2020 - 2021

Metal -Organik Kafes Yapılar, Postgraduate, 2020 - 2021

Uzmanlık Alan Dersi I, Postgraduate, 2019 - 2020, 2020 - 2021

Anorganik Kimya Laboratuvarı II, Undergraduate, 2020 - 2021

X- Işını Kırınım Yöntemleri ve Uygulamaları, Postgraduate, 2020 - 2021

Genel Kimya Laboratuvarı-I, Undergraduate, 2021 - 2022

Endüstriyel Kimya Laboratuvarı, Undergraduate, 2019 - 2020, 2020 - 2021

Bilimsel Araştırma Teknikleri Ve Yayın Etiği, Postgraduate, 2020 - 2021

Kimya Tarihi, Postgraduate, 2020 - 2021

Malzeme Kimyası, Undergraduate, 2019 - 2020, 2020 - 2021

Advising Theses

Demir S., Synthesis, Characterization and Investigation of Gas Adsorption Properties of Bipyridine Lewis Base Containing Zirconium Metal-Organic Frameworks, Postgraduate, N.Bilgin(Student), 2017

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

- I. **Enhanced water stability and high CO₂ storage capacity of a Lewis basic sites-containing zirconium metal-organic framework**
Demir S., Bilgin N., Cepni H. M., Furukawa H., Yilmaz F., Altintas C., Keskin S.
DALTON TRANSACTIONS, vol.50, no.45, pp.16587-16592, 2021 (Journal Indexed in SCI)
- II. **Determination of color additive tartrazine (E 102) in food samples after dispersive solid phase extraction with a zirconium-based metal-organic framework (UiO-66(Zr)-(COOH)(2))**
OYMAK T., TOKALIOĞLU Ş., Cam S., Demir S.
FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & RISK ASSESSMENT, vol.37, no.5, pp.731-741, 2020 (Journal Indexed in SCI)
- III. **Designing bipyridine-functionalized zirconium metal-organic frameworks as a platform for clean energy and other emerging applications**
TU T. N., NGUYEN M. V., NGUYEN H. L., YULIARTO B., CORDOVA K. E., Demir S.
COORDINATION CHEMISTRY REVIEWS, vol.364, pp.33-50, 2018 (Journal Indexed in SCI)
- IV. **Zirconium-based highly porous metal-organic framework (MOF-545) as an efficient adsorbent for vortex assisted-solid phase extraction of lead from cereal, beverage and water samples**
TOKALIOĞLU Ş., Yavuz E., Demir S., PATAT Ş.
FOOD CHEMISTRY, vol.237, pp.707-715, 2017 (Journal Indexed in SCI)
- V. **Solvent free utilization and selective coupling of epichlorohydrin with carbon dioxide over zirconium metal-organic frameworks**
Demir S., USTA S., Tamar H., Ulusoy M.
MICROPOROUS AND MESOPOROUS MATERIALS, vol.244, pp.251-257, 2017 (Journal Indexed in SCI)
- VI. **Copper(II) complexes with pyridine-2,6-dicarboxylic acid from the oxidation of copper(I) iodide**
Demir S., CEPNI H. M., HOLYNSKA M., KAVANOZ M., YILMAZ F., Zorlu Y.
JOURNAL OF COORDINATION CHEMISTRY, vol.70, no.19, pp.3422-3433, 2017 (Journal Indexed in SCI)
- VII. **Metal-organic frameworks based on copper(I) iodide and pyridine-3,5-dicarboxylic acid: Synthesis, crystal structures and luminescent properties**
Demir S., CEPNI H. M., Bilgin N., HOLYNSKA M., YILMAZ F.
POLYHEDRON, vol.115, pp.236-241, 2016 (Journal Indexed in SCI)
- VIII. **A tetranuclear copper (II) complex with pyrazole-3,5-dicarboxylate ligands: synthesis, characterization and electrochemical properties**
Demir S., CEPNI H. M., HOLYNSKA M., KAVANOZ M.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.71, no.4, pp.305-310, 2016 (Journal Indexed in SCI)
- IX. **Improving the stability of solar cells using metal-organic frameworks**
NEVRUZOĞLU V., DEMİR S., Karaca G., Tomakin M., BILGIN N., YILMAZ F.
JOURNAL OF MATERIALS CHEMISTRY A, vol.4, no.20, pp.7930-7935, 2016 (Journal Indexed in SCI)
- X. **A phytochemical-containing metal-organic framework: Synthesis, characterization and molecular simulations for hydrogen adsorption**
Demir S., Cepni H. M., TOPCU Y., Holynska M., Keskin S.
INORGANICA CHIMICA ACTA, vol.427, pp.138-143, 2015 (Journal Indexed in SCI)

- XI. **(1-Methyl-2-(thiophen-2-yl)-1H-benzo[d]imidazole) and its three copper complexes: Synthesis, characterization and fluorescence properties**
Demir S., Eren B., HOLYNSKA M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1081, pp.304-310, 2015 (Journal Indexed in SCI)
- XII. **4-Methyl-N-(4-methylphenylsulfonyl)-N-phenylbenzenesulfonamide**
Eren B., DEMİR S., Dal H., HÖKELEK T.
Acta Crystallographica Section E: Structure Reports Online, vol.70, no.3, 2014 (Journal Indexed in SCI Expanded)
- XIII. **Synthesis, Structure, and Metalation of Two New Highly Porous Zirconium Metal-Organic Frameworks**
MORRIS W., VOLOSSKIY B., Demir S., GANDARA F., McGrier P. L., FURUKAWA H., CASCIO D., Stoddart J. F., YAGHI O. M.
INORGANIC CHEMISTRY, vol.51, no.12, pp.6443-6445, 2012 (Journal Indexed in SCI)
- XIV. **Solvothermal synthesis and characterization of coordination polymers of cobalt(II) and zinc(II) with succinic acid**
DEMİR S., Kantar G. K., Topcu Y., LI Q.
TRANSITION METAL CHEMISTRY, vol.37, no.3, pp.257-263, 2012 (Journal Indexed in SCI)
- XV. **Experimental and theoretical study on the structure and vibrational spectra of beta-2-aminopyridinium dihydrogenphosphate**
ÇIRAK Ç., DEMİR S., UCUN F., ÇUBUK O.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.79, no.3, pp.529-532, 2011 (Journal Indexed in SCI)
- XVI. **Novel Coordination Polymers of Metal(II) Succinates with 4-Aminopyridine: Synthesis, Spectroscopic, Thermal, and Fluorescent Properties**
DEMİR S., KAYA G.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.637, pp.456-461, 2011 (Journal Indexed in SCI)
- XVII. **Synthesis, Crystal Structure, Magnetic, Thermal and Fluorescent Properties of [Co(H₂O)(4)(nia)(2)](suc)center dot(H(2)suc)**
DEMİR S., Yılmaz V. T., MROZINSKI J., LIS T., HOLYNSKA M.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.65, no.6, pp.695-700, 2010 (Journal Indexed in SCI)
- XVIII. **Metal(II) Nicotinamide Complexes Containing Succinato, Succinate and Succinic Acid: Synthesis, Crystal Structures, Magnetic, Thermal, Antimicrobial and Fluorescent Properties**
DEMİR S., Yılmaz V. T., Sariboga B., Buyukgungor O., MROZINSKI J.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.20, no.2, pp.220-228, 2010 (Journal Indexed in SCI)
- XIX. **One-Dimensional Cobalt(II) and Zinc(II) Succinato Coordination Polymers with Nicotinamide: Synthesis, Structural, Spectroscopic, Fluorescent and Thermal Properties**
DEMİR S., Yılmaz V. T., YILMAZ F., Buyukgungor O.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.19, no.3, pp.342-347, 2009 (Journal Indexed in SCI)
- XX. **Ethene-trans-1,2-bis(4-pyridinium) dihydrogenphosphite and dihydrogenphosphate compounds exhibiting cooperative and directed hydrogen bonds between cations and anions: H(2)bpe(H₂PO₃)(2) and H(2)bpe(H₂PO₄)(2)center dot H₂O**
YILMAZ V. T., Demir S., HARRISON W. T. A.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.61, no.9, pp.1067-1071, 2006 (Journal Indexed in SCI)
- XXI. **(3-Hydroxy-2-pyridylmethyl)dimethylammonium dihydrogen phosphate**
Demir S., YILMAZ V., HARRISON W. T. A.
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.62, 2006 (Journal Indexed in SCI)
- XXII. **Unusual template center dot center dot center dot template interactions in organically templated**

zincophosphate networks: $\{ \text{apyH}[\text{Zn}(\text{HPO}_4)(\text{H}_2\text{PO}_4)] \cdot \text{H}_2\text{O} \}_n$ and $[\text{meenH}(2) [\text{Zn}-5(\text{PO}_4)(4)] \}_n$ ($\text{apyH} = 2\text{-aminopyridinium}$ and $\text{meenH}(2) = \text{monoethanol-ethylenediammonium}$)
YILMAZ V., Demir S., KAZAK C., HARRISON W.

SOLID STATE SCIENCES, vol.7, no.10, pp.1247-1255, 2005 (Journal Indexed in SCI)

XXIII. A second polymorph of 2-aminopyridinium dihydrogenphosphate

Demir S., YILMAZ V., HARRISON W.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.61, 2005 (Journal Indexed in SCI)

XXIV. 2-(hydroxymethyl)pyridinium dihydrogenphosphate

Demir S., YILMAZ V., HARRISON W.

ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.59, 2003 (Journal Indexed in SCI)

XXV. Triethanolammonium dihydrogenphosphate

Demir S., YILMAZ V., HARRISON W.

ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.59, 2003 (Journal Indexed in SCI)

XXVI. Mixed-ligand metal succinate complexes with 1,10-phenanthroline and ethylenediamine: Synthesis, characterization, spectroscopic and thermal studies. Crystal structure of succinatocobalt(II) complex with phenanthroline

YILMAZ V., Demir S., ANDAC O., HARRISON W.

JOURNAL OF COORDINATION CHEMISTRY, vol.55, no.8, pp.863-872, 2002 (Journal Indexed in SCI)

XXVII. N-(2-Hydroxyethyl)ethylene-diammonium hydrogenphosphate monohydrate

Demir S., YILMAZ V., ANDAC O., HARRISON W.

ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.58, 2002 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

I. Pre-concentration of Tartrazine by Zirconium Metal-Organic Framework Adsorbent Prior to Spectrophotometric Determination

Oymak T., Tokaloğlu Ş., Cam Ş., DEMİR S.

8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), İstanbul, Turkey, 9 - 11 May 2018, pp.200

II. Metal-Organic Frameworks as Hydrogen Evolution Catalysts

DEMİR S., ÜLKER E.

3rd International Hydrogen Technologies Congress, Antalya, Turkey, 15 - 18 March 2018, pp.192-193

III. Zirconium Metal-Organic Framework Platform as a Heterogeneous Catalysts for Electrochemical Hydrogen Evolution

ÜLKER E., DEMİR S.

3rd International Hydrogen Technologies Congress, Antalya, Turkey, 15 - 18 March 2018, pp.189-191

IV. Metal-Organic Frameworks as Hydrogen Evolution Catalysts

DEMİR S., ÜLKER E.

The Third International Hydrogen Technologies Congress, Antalya, Turkey, 15 - 18 March 2018

V. Zirconium Metal-Organic Framework Platform as a Heterogeneous Catalysts for Electrochemical Hydrogen Evolution

ÜLKER E., DEMİR S.

The Third International Hydrogen Technologies Congress, Antalya, Turkey, 15 - 18 March 2018

VI. Vortex Assisted Solid Phase Extraction of Lead by Highly Porous Zirconium Metal Organic Framework

YAVUZ E., TOKALIOĞLU Ş., DEMİR S., ŞAHAN H., PATAT Ş.

International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016, pp.120

VII. Metal-Organic Frameworks Improve the Stability of Solar Cells

NEVRUZOĞLU V., DEMİR S., Karaca G., TOMAKİN M., Bilgin N., YILMAZ F.

Physical-Chemical Problems of Renewable Energy, 11 International Conference, St Petersburg, Russia, 16 - 18 November 2015, pp.199-200

- VIII. **METAL-ORGANIC FRAMEWORKS BASED ON COPPER(I) IODIDE**
DEMİR S., CEPNI H. M. , Bilgin N., HOLYNSKA M., YILMAZ F.
International Porous and Powder Materials Symposium and Exhibition, PPM 2015, İzmir, Turkey, 15 - 18 September 2015, pp.169
- IX. **SYNTHESIS, CHARACTERIZATION AND POST-METALATION OF NEW ZIRCONIUM METAL-ORGANIC FRAMEWORKS WITH LEWIS BASIC SITES**
DEMİR S., Bilgin N., CEPNI H. M. , YILMAZ F., FURUKAWA H.
International Porous and Powder Materials Symposium and Exhibition, PPM 2015, İzmir, Turkey, 15 - 18 September 2015, pp.171
- X. **BAZI YENİ ZİRKONYUM METAL-ORGANİK KAFES YAPILARIN SENTEZİ, KARAKTERİZASYONU VE SENTEZ SONRASI METALLENDİRİLMELERİ**
DEMİR S., Bilgin N., CEPNI H. M. , YILMAZ F., FURUKAWA H.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.745
- XI. **BAKIR(I) İYODÜR ESASLI METAL-ORGANİK KAFES YAPILAR**
DEMİR S., CEPNI H. M. , Bilgin N., HOLYNSKA M., YILMAZ F.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, vol.-, pp.765
- XII. **High Carbon Selectivity With Zeolitic Imidazolate Frameworks**
KESKIN S., DEMİR S.
International Porous and Powder Materials Symposium and Exhibition, PPM 2013, İzmir, Turkey, 3 - 06 September 2013, pp.177
- XIII. **A Zn-FERULATE METAL-ORGANIC FRAMEWORK**
DEMİR S., CEPNI H. M. , TOPCU Y., HOLYNSKA M.
International Porous and Powder Materials Symposium and Exhibition, PPM 2013, İzmir, Turkey, 3 - 06 September 2013, pp.354
- XIV. **Zirconium-Based Metal-Organic Frameworks**
MORRIS W., VOLOSSKIY B., DEMİR S., GANDARA F., MCGRIER P. L. , FURUKAWA H., CASCIO D., STODDART J. F. , YAGHI O. M.
International Porous and Powder Materials Symposium and Exhibition, PPM 2013, İzmir, Turkey, 3 - 06 September 2013, pp.165
- XV. **Bazı Geçiş Metal Komplekslerinin Endüstriyel Atık Olan Boyaların Parçalanmasında Katalizör Olarak Kullanımı,**
YILMAZ F., ADIGÜZEL E., DEMİR S.
IV. Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 02 June 2013, pp.1
- XVI. **Zirkonyum Esaslı Metal-Organik Kafes Yapılar**
DEMİR S.
4. Ulusal Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 02 June 2013, pp.21
- XVII. **bazı kobalt II karboksilatların sentezi kristal yapıları termal ve adsorpsiyon özellikleri**
DEMİR S., KAYA KANTAR G., TOPCU Y., LI Q.
III. ulusal Anorganik kimya kongresi, Turkey, 19 - 22 May 2011
- XVIII. **metal organik kafes yapıları ve kullanım alanları**
DEMİR S., KAYA KANTAR G.
NABİTEK-2010, 20 - 23 June 2010
- XIX. **Metal-Organik Kafes Yapılarda Hidrojen Depolanması**
DEMİR S., TOPCU Y.
IV. Ulusal Hidrojen Enerjisi Kongresi ve Sergisi (Uluslararası Katılımlı), Kocaeli, Turkey, 15 - 16 October 2009, pp.0-39
- XX. **Bazı Yeni Metal-Süksinat Komplekslerinin Sentezi, Karakterizasyonu ve Magnetik Özellikleri**
DEMİR S., YILMAZ F.
II. Ulusal Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2009, pp.257

- XXI. **Süksinik Asit Molekülü ve Süksinat Anyonunu Birarada İçeren Co(II) VE Ni(II) Komplekslerinin Sentezi, Kristal Yapıları, Termik ve Floresans Özellikleri**
DEMİR S., YILMAZ F.
II. Ulusal Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2009, pp.258
- XXII. **Rize Üniversitesi Gözüyle Üniversite- Sanayi İşbirliğinde Fırsatlar ve Engeller**
DEMİR S., ÖZİL M., KOÇYIĞIT N., TABAK A.
Üniversite Sanayi İşbirliği Ulusal Kongresi-2009, Eskişehir, Turkey, 7 - 08 May 2009, pp.398-406
- XXIII. **Rize Üniversitesi Gözüyle Üniversite Sanayi İşbirliği Fırsatlar ve Engeller**
DEMİR S., ÖZİL M., KOÇYIĞIT N., TABAK A.
Üniversite- Sanayi İşbirliği Merkezleri Platformu (ÜSİMP) Üniversite Sanayi İşbirliği Ulusal Kongresi-2009, Eskişehir, Turkey, 7 - 08 May 2009, pp.398-406
- XXIV. **Karışık ligantlı 5,5-dietilbarbitürük asit-çinko komplekslerinin sentezi, yapısal, termik ve elektrokimyasal özellikleri**
DEMİR S., YILMAZ F., YILMAZ V.
XXII. Ulusal Kimya Kongresi, Magusa, Cyprus (Kkct), 6 - 10 October 2008
- XXV. **Karışık Ligantlı Bazı Geçiş Metal-Süksinato Komplekslerinin Sentezi Spektroskopik, Termik ve Yapısal Özelliklerinin İncelenmesi**
DEMİR S., YILMAZ F., YILMAZ V.
XXII. Ulusal Kimya Kongresi, Magusa, Cyprus (Kkct), 6 - 10 October 2008
- XXVI. **Karışık ligantlı gümüş barbital kompleksleri**
YILMAZ F., DEMİR S., YILMAZ V.
XXII. Ulusal Kimya Kongresi, Magusa, Cyprus (Kkct), 6 - 10 October 2008
- XXVII. **Sanayi Gözüyle Sanayi-Üniversite İşbirliği Önündeki Engeller ve Çözüm Önerileri: Rize Örneği**
DEMİR S., TABAK A., YILMAZ F.
Üniversite Sanayi İşbirliği Ulusal Kongresi-2008, Adana, Turkey, 26 - 27 June 2008, pp.222-235

Supported Projects

Nevruzoğlu V., Demir S., Yeşil Duymuş Z., Tomakin M., Ateş S. M. , Çağlar İ., TÜBİTAK Project, 118F079-Metal-Organik Kafes Yapı Destekli Yeni Nesil İmplantların Üretilmesi, 2018 - 2020

DEMİR S., Cam Ş., Project Supported by Higher Education Institutions, Fabrika çay atıklarından metal-organik kafes yapılar katalizörlüğünde vanilin üretimi, 2018 - 2020

DEMİR S., Project Supported by Other Private Institutions, Alternatif enerji kaynağı hidrojen depolama özelliğine sahip bazı yeni metal-organik kafes yapılarının sentezi, karakterizasyonu ve kullanım alanlarının araştırılması, 2012 - 2016

DEMİR S., YILMAZ F., NEVRUZOĞLU V., TÜBİTAK Project, Metal-Organik Kafes Yapılar ve Enerji Uygulamaları, 2013 - 2015

DEMİR S., Project Supported by Higher Education Institutions, Bazı Geçiş Metal-Karboksilat Polimerlerinin Sentezi, Spektroskopik, Termik Ve Yapısal Özellikleri, 2010 - 2012

Scientific Refereeing

MICROPOROUS AND MESOPOROUS MATERIALS, SCI Journal, December 2021

MICROPOROUS AND MESOPOROUS MATERIALS, SCI Journal, December 2021

MICROPOROUS AND MESOPOROUS MATERIALS, SCI Journal, October 2021

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, October 2021

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, October 2021

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, June 2021

JOURNAL OF MOLECULAR LIQUIDS, SCI Journal, May 2021

JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, December 2020

RSC ADVANCES, SCI Journal, December 2020
MICROPOROUS AND MESOPOROUS MATERIALS, SCI Journal, November 2020
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, November 2020
FOOD CHEMISTRY, SCI Journal, September 2020
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, July 2020
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Journal, June 2020

Citations

Total Citations (WOS):932

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Non Academic Experience

Other Public Institution, 2. Ordu Gıda Kontrol Müfrezesi