

Prof. SEVİ ÖZ

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-6182-2019

ScopusID: 16302263500

Yoksis Researcher ID: 176853



Education Information

2011 - 2012	Post Doctorate, Technische Universitaet Darmstadt, material Science, Germany
2003 - 2010	Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey
2000 - 2003	Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey
1993 - 1998	Undergraduate, Middle East Technical University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

2017	"Eğitiminin Eğitimi" , Vocational Training, School of leadership
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Dissertations

2010	Bazı yeni patlayıcı maddelerin termal analiz yöntemleriyle incelenmesi, Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), Doctorate
2003	Üç çekirdekli Cu11-Pb11-Cu11-schiff bazı kompleksi yardımıyla hidrojen fosfat anyonuna duyarlı iyon seçici elektrot geliştirilmesi, Ankara University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Postgraduate

Research Areas

Chemistry, Analytical Chemistry, Natural Sciences

Academic Titles / Tasks

2020 - Continues	Professor, Ankara Hacı Bayram Veli University, Polatlı Faculty of Arts and Sciences, Department of Chemistry
2019 - 2020	Associate Professor, Ankara Hacı Bayram Veli University, Polatlı Faculty of Arts and Sciences, Department of Chemistry
2015 - 2019	Associate Professor, Kırşehir Ahi Evran University, Faculty Of Arts And Sciences

Academic and Administrative Experience

2023 - Continues	Fakülte Kurulu Üyesi, Ankara Hacı Bayram Veli University, Polatli Faculty Of Arts And Sciences, Department Of Chemistry
2020 - Continues	Ethics Committee Member, Ankara Hacı Bayram Veli University
2020 - 2023	Head of Department, Ankara Hacı Bayram Veli University, Polatli Faculty Of Arts And Sciences, Department Of Chemistry

Courses

2019 - 2020	TEMİZ ENERJİ KAYNAKLARI, Undergraduate
2019 - 2020	MOLEKÜLER SPEKTROSKOPİK YÖNTEMLER, Undergraduate
2019 - 2020	su kimyası, Undergraduate
2017 - 2018, 2015 - 2016, 2014 - 2015	ANALİTİK KİMYA, Undergraduate
2017 - 2018, 2014 - 2015	ALETLİ ANALİZ, Undergraduate
2017 - 2018, 2016 - 2017	ANALİTİK LAB, Undergraduate
2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014	ÇEVRE KİMYASI, Undergraduate
2015 - 2016, 2013 - 2014	GENEL KİMYA, Undergraduate
2013 - 2014	Genel Kimya Lab, Undergraduate
2012 - 2013	Analitik Kimyanın Teorik Temelleri, Postgraduate

Advising Theses

2015	ÖZ S., Postgraduate, G.TEKE(Student), Elektrotermal atomik absorpsiyon spektroskopisi yöntemiyle kalay analizinde uygun analiz koşullarının belirlenmesi
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Published journal articles indexed by SCI, SSCI, and AHCI

- I. Adsorption behavior of reactive Red 24 and methylene blue onto Brewer's spent grain: characterization, kinetics, and isotherms modeling
Ay Ç., Sopacı Ş. B., Atakol O., Öz S.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.1, no.103, pp.1-20, 2023 (SCI-Expanded)
- II. Thermal kinetic analysis, theoretical thermodynamic calculations and antimicrobial activity of three new energetic materials
SOPACI Ş. B., NAZIR H., Emir E., ATAKOL O., ÖZ S.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.131, no.3, pp.3105-3120, 2018 (SCI-Expanded)
- III. Synthesis, Crystal Structure, Thermal Decomposition, and XPS Studies of Homo and Heterotrinnuclear Cu(II)-Cu(II)-Cu(II) and Cu(II)-Ni(II)-Cu(II) Complexes Obtained from Salpn Type Ligands

- ACAR N., ATAOL O., Kaya F. N. D., Svoboda I., Yazicioglu M., ÖZ S.
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY, vol.43, no.7, pp.463-472, 2017 (SCI-Expanded)
- IV. **The investigations of thermal behavior, kinetic analysis, and biological activity of trinuclear complexes prepared ONNO-type Schiff bases with nitrito and nitrate μ -bridges**
ACAR N., ATAOL O., SOPACI Ş. B., Duman D. C., Svoboda I., ÖZ S.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.127, no.2, pp.1319-1337, 2017 (SCI-Expanded)
- V. **An experimental and theoretical study toward the synthesis, structure and thermal decomposition of some phenyl tetrazoles**
YILMAZ N., ÖZ S., Atakol A., Svoboda I., AYDINER B., AKAY M. A., ATAOL O.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.119, no.3, pp.2321-2328, 2015 (SCI-Expanded)
- VI. **Synthesis, structure and magnetic properties of homotrimeric Ni(II) complexes with asymmetric Schiff-base ligands**
ÖZ S., ACAR N., Svoboda I., Titis J., Boca R., ATAOL O.
INORGANICA CHIMICA ACTA, vol.421, pp.531-537, 2014 (SCI-Expanded)
- VII. **Synthesis, crystal structure, chromatographic separation, and thermogravimetric investigation of a ONNO type asymmetric Schiff base and its trinuclear complexes**
ÖZ S., Ergun U., Yakut M., Svoboda I., Atakol A., İNAL E. K., Yilmaz N., Atakol O.
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY, vol.40, no.8, pp.571-582, 2014 (SCI-Expanded)
- VIII. **Investigation of heavy metal concentrations in some Turkish wines**
Alkis I. M., ÖZ S., Atakol A., Yilmaz N., ANLI R. E., ATAOL O.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.33, no.1, pp.105-110, 2014 (SCI-Expanded)
- IX. **Thermal Decomposition of Dinitro-chloro-azido Benzenes: A Comparison of Theoretical and Experimental Results**
Sen N., Ozkaramete E., Yilmaz N., ÖZ S., Svoboda I., AKAY M. A., ATAOL O.
JOURNAL OF ENERGETIC MATERIALS, vol.32, no.1, pp.1-15, 2014 (SCI-Expanded)
- X. **Synthesis, crystal structure, and thermal decomposition of two Co(II) complexes with NNN pyrazolyl type ligand and pseudo-halogen**
ÖZ S., Yilmaz N., Arici C., Svoboda I., Akay M. A., ATAOL O.
RUSSIAN JOURNAL OF COORDINATION CHEMISTRY, vol.39, no.12, pp.829-835, 2013 (SCI-Expanded)
- XI. **Synthesis, structure and magnetic properties of Ni(II)-Co(II) heterodinuclear complexes with ONNO type Schiff bases as ligands**
ÖZ S., Titis J., NAZIR H., ATAOL O., Boca R., Svoboda I., Fuess H.
POLYHEDRON, vol.59, pp.1-7, 2013 (SCI-Expanded)
- XII. **Some new energetic benzaldoximes Synthesis, structure and a comparison of theoretic and experimental results of thermal decomposition**
Kunduraci M., Ozkaramete E., Yilmaz N., ÖZ S., Svoboda I., İNAL E. K., ATAOL O.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.112, no.3, pp.1587-1599, 2013 (SCI-Expanded)
- XIII. **Experimental and Computational Studies on the Thermal Degradation of Nitroazidobenzenes**
Ozkaramete E., Senocak N., İNAL E. K., ÖZ S., Svoboda I., ATAOL O.
PROPELLANTS EXPLOSIVES PYROTECHNICS, vol.38, no.1, pp.113-119, 2013 (SCI-Expanded)
- XIV. **Chromatographic Determination of Stabilizer in Nitrocellulose Based Propellants (A new extraction based chromatographic method for the determination of stabilizers in propellants)**
Yucel A., İNAL E. K., AKAY M. A., ATAOL O., ÖZ S.
CENTRAL EUROPEAN JOURNAL OF ENERGETIC MATERIALS, vol.8, no.3, pp.183-192, 2011 (SCI-Expanded)
- XV. **New Energetic Copper(II) Complexes With Pyrazolyl Type Ligands**
ÖZ S., Svoboda I., Kurtaran R., AKSU M., SARI M., Kunduraci M., ATAOL O.
ZEITSCHRIFT FÜR ANORGANISCHE UND ALLGEMEINE CHEMIE, vol.637, no.2, pp.257-262, 2011 (SCI-Expanded)
- XVI. **Thermal decomposition of linear tetranuclear copper(II) complexes including μ -azido bridges**
ÖZ S., Kunduraci M., Kurtaran R., Ergun U., Arici C., Akay M. A., ATAOL O., EMREGÜL K. C., Ulku D.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.101, no.1, pp.221-227, 2010 (SCI-Expanded)
- XVII. **Two non-linear azide containing heteronuclear complexes: crystal structure and thermal**

decomposition

ÖZ S., Kurtaran R., Arici C., Ergun U., Kaya F. N. D., EMREGÜL K. C., ATAKOL O., Ulku D.

JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.99, no.1, pp.363-368, 2010 (SCI-Expanded)

XVIII. **Two New Co(II) Complexes with NNN Type Pyrazol Ligands**

ATAKOL O., ÖZ S., Svoboda I., DURMUŞ S., Kurtaran R., Arici C.

ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.66, 2010 (SCI-Expanded)

XIX. **Experimental and computational investigations of a Cadmium(II) mononuclear complex with 2,6-Bis(3,5-dimethyl-N-pyrazolyl)pyridine (bdmpp) and selenocyanate as ligands**

Odabasioglu S., Kurtaran R., AZİZOĞLU A., Kara H., ÖZ S., ATAKOL O.

CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, vol.7, no.3, pp.402-409, 2009 (SCI-Expanded)

XX. **Heterodinuclear Ni(II)-Sn(II) complexes from reduced ONNO type Schiff base compounds**

ÖZ S., Arici C., EMREGÜL K. C., Ergun U., ATAKOL O., KENAR A.

ZEITSCHRIFT FÜR KRISTALLOGRAPHIE, vol.222, no.5, pp.249-254, 2007 (SCI-Expanded)

Articles Published in Other Journals

I. **Synthesis and Characterization of NiO Nanoparticles by Using Thermal Decompositions of Ni(II) – ONO and ONNO Type Schiff Base Complexes**

Öz S., Acar Bozkurt P., Sopacı Ş. B., Acar N., Atakol O.

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, no.2, pp.200-210, 2022 (Peer-Reviewed Journal)

II. **The Thermal Investigation, Thermokinetic Analysis and Antimicrobial Activity of Two New Energetic Materials Obtained from Nucleophilic Substitution of Nitro Pyridine Ring**

İNAL E. K., ACAR N., SOPACI Ş. B., YILDIZ C., NAZIR H., ATAKOL O., ÖZ S.

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.3, pp.1262-1275, 2018 (Peer-Reviewed Journal)

III. **Heavy Metal Content of Selected Some Turkish Beers**

ÖZ S., Teke G., Anlı R. E., ATAKOL O.

International Journal of Scientific and Technological Research, 2015 (Peer-Reviewed Journal)

IV. **The Determination of the Most Appropriate Matrix Modifier for Tin Analysis by Electrothermal Atomic Absorption Method**

Teke G., Yazıcıoğlu M., ATAKOL O., ÖZ S.

International Journal of Scientific and Technological Research, 2015 (Peer-Reviewed Journal)

V. **Liquid Liquid Extraction Based Simple Trans Resveratrol Analysis in Wine Samples Using HPLC**

İNAL E. K., ÖZ S., Atakol A., Akay M. A.

Süleyman Demirel Üniversitesi Fen Dergisi (E-dergi), 2013 (Peer-Reviewed Journal)

VI. **The Effect of o Substituents on Mass Spectra of Schiff Bases Synthesized from Salicylaldehydes**

Denizli G., İNAL E. K., Atakol A., ÖZ S., Akay A.

Süleyman Demirel Üniversitesi Fen Dergisi (E-dergi), 2013 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Atmosfer Kimyası**

ÖZ S., GÜNGÖR M. A.

sonçağ, İstanbul, 2023

II. **Renklerin Kimyası**

Atakol O., Öz S.

Hiperyayın, İstanbul, 2021

III. **Aletli Analiz Laboratuvarı**

Mutlutürk E., Öz S.

IKSAD, Ankara, 2020

IV. Bazı Patlayıcı Maddelerin Termal Analiz Yöntemleriyle İncelenmesi

Öz S., Atakol O.

IKSAD, Ankara, 2020

V. Selected heavy metal and trace element levels in whole blood and peritoneal fluid of ovarian endometriosis

Atakol O., Moraloğlu Ö., Öz S., Erenler A. Ş., Kahyaoğlu S., Taşçı Y., Yılmaz A., Tuncay K. S., Yumuşak Ö. H., Yüce K., et al.

in: Health and Science, Yasemin Taşçı,Sevi ÖZ, Editor, ıksad, Ankara, pp.5-14, 2020

VI. Arkeokimyaya Genel Bakış

ÖZ S., Demirci Ş.

Gazi Kitabevi, Ankara, 2017

Refereed Congress / Symposium Publications in Proceedings

I. History of Coffee

Öz S.

International Anatolian Congress on COFFEE & COCOA, Malatya, Turkey, 3 - 05 December 2021, pp.1-2

II. Dye Throughout the Civilization History

Öz S., Atakol O.

2. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Ankara, Turkey, 22 - 23 May 2021, pp.457-476

III. World of Colors

Atakol O., Öz S.

1.International Scientific Research and Innovation Congress, Akmeçet, Kazakhstan, 13 - 14 March 2021, pp.218-223

IV. Archaeological Frauds And Chemical Analysis

Öz S.

Ankara III. Uluslararası Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 2 - 04 October 2020, pp.46-47

V. Kompleks oluşumunda Ligandın Geometrisinin Önemi

Acar N., Öz S.

Ulusal Fen ve Uygulamalı Bilimler Kongresi, Ankara, Turkey, 22 December 2019, pp.3-4

VI. ARKEOKİMYADA İZOTOP ANALİZLERİ VE ÖNEMİ

Öz S.

Ulusal Fen ve Uygulamalı Bilimler Kongresi, Ankara, Turkey, 22 December 2019, pp.1-2

VII. Arkeolojik Materyallerin Kimyasal Analiz Yöntemleri

Öz S.

Ankara Uluslararası Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 4 - 06 October 2019, pp.560-567

VIII. Arkeokimya Açısından Arkeolojik Materyallerin Türleri

Öz S.

Ankara Uluslararası Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 4 - 06 October 2019, pp.549-559

IX. Arkeoloji ve Kimyanın Kesişimi

Öz S.

. 5th International Symposium on Multidisciplinary Studies, Ankara, Turkey, 16 - 17 November 2018, pp.326-332

X. Takas Ekonomisi ve Arkeokimya

Öz S.

5th International Symposium on Multidisciplinary Studies, Ankara, Turkey, 16 - 17 November 2018, pp.333-334

XI. The Evaluation of Heavy Metal Levels in Maternal Blood and Breast Milk of Women Who Have Given Birth at 37-40 Gestational Weeks

Kaymak D., Tekin Moraloğlu Ö., Atakol O., Öz S., Üstün Engin Y.

XII. Türk Alman Jinekoloji Kongresi, Girne, Cyprus (Kktc), 27 - 30 April 2018, pp.121-122

- XII. **Azotça Zengin Üç Yeni Enerjik Malzemenin Termal Kinetik Analizi**
Öz S., Emir E.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017, pp.1
- XIII. **Thermal Kinetic Characterizations of Heterodinuclear NiII-MII (M= CoII, ZnII, CdII) Complexes**
Öz S., Eren E., Acar N.
International Congress on Natural and Engineering Sciences, Belgrade, Serbia, 21 - 25 July 2017, pp.62
- XIV. **Çok Çekirdekli Koordinasyon Bileşiklerinin XPS ile İncelenmesi**
Öz S., Acar N.
15. Ulusal Spektroskopi Kongresi, Yalova, Turkey, 17 - 19 May 2017, pp.1
- XV. **Synthesis and Analysis of Homo and Heterotrinnuclear CuII CuII CuII and CuII NiII CuII Complexes Obtained from Salpn Type Ligands**
Acar N., Sopacı Ş. B., Emir E., Öz S.
International Congress on Natural and Engineering Sciences, Skopje, Macedonia, 1 - 05 September 2016, pp.62
- XVI. **Determination of Heavy Metals in Some Turkish Beers**
Teke G., Yazıcıoğlu M., Anlı R. E., Öz S.
7th Black Sea Basin Conference On Analytical Chemistry, Varna, Bulgaria, 10 - 15 September 2015, pp.86
- XVII. **AAS ile Sn Tayininde En Uygun Ortamın Belirlenmesi**
Teke G., ÖZ S.
7. Ulusal Analitik Kimya Kongresi, Turkey, 1 - 05 September 2014
- XVIII. **Comparison of Thermal and IR Spectroscopy Methods for Determination Amount of Residual Monomer in Dental Composite Materials**
Koser C., ÖZ S., NALÇACI A., ATAKOL O.
TURCMOS 2013 - I. International Turkish Congress on Molecular Spectroscopy, Turkey, 15 - 20 September 2013
- XIX. **The Chromatographic Determination of Azido and Nitro Groups Containing of Energetic Materials**
Şen N., ÖZ S., Atakol A., İNAL E. K.
6th Black Sea Basin Conference On Analytical Chemistry, Turkey, 10 - 14 September 2013
- XX. **The Determination of Heavy Metal Contents in Turkish Wines**
Alkış İ. M., ÖZ S., Anlı R. E., ATAKOL O.
6th Black Sea Basin Conference On Analytical Chemistry, Turkey, 10 - 14 September 2013
- XXI. **Enrichment of Iron Ions from Water Samples with Trensol**
Karabulut T. C., Yazıcıoğlu M., Akay M. A., ÖZ S.
6th Black Sea Basin Conference On Analytical Chemistry, Turkey, 10 September 2013
- XXII. **The Investigation of Thermal Decomposition of Nitro Chloro Azidobenzenes with Thermo analytical and Computational Methods**
Şenocak N., YILMAZ N., ÖZ S., Svoboda I., ATAKOL O.
4th EuCheMScChemistryCongress, Czech Republic, 26 - 30 August 2012
- XXIII. **Experimental and Computational Studies on the Thermal Decomposition of Nitroazido benzenes**
Öz S., Özkaramete E., İnal E. K., Svoboda I., Atakol O., Akay M. A.
4th EuCheMSc Chemistry Congress, Praha, Czech Republic, 26 August 2012, pp.1142
- XXIV. **A New Extraction Based Chromatographic Method For The Analysis of Stabilizers in Explosive Material**
Yücel A., İNAL E. K., ÖZ S., DURMUŞ S., ATAKOL O., Akay M. A.
7th Aegean Analytical Chemistry Days (AACD2010), Greece, 29 September - 03 October 2010
- XXV. **Two New Co II Complexes with NNN Type Pyrazol**
ATAKOL O., ÖZ S., Svoboda I., DURMUŞ S., KURTARAN R., Arıcı C.
26th European Crystallographic Meeting, Germany, 29 August - 02 September 2010
- XXVI. **Thermal stability of azide containing Cu II and Ni II complexes alternative explosives**
KURTARAN R., DURMUŞ S., ÖZ S., Yücel A., Dinçer F. N., Arıcı C., ATAKOL O.
6th International Conference of the Chemical Societies of the South- Eastern European Countries, Sofia, Bulgaria, 10 - 14 September 2008
- XXVII. **2,6-Bis(3,5-Dimethyl-4-pyridyl)pyridine Aqueous Diselenosulfonate Cd II Kompleksinin Sentezi ve Yapı**

Aydınlatması

KURTARAN R., Odabaşıoğlu S., AZİZOĞLU A., Kara H., ÖZ S., ATAKOL O.

21. Ulusal Kimya Kongresi, Turkey, 23 - 27 August 2007

XXVIII. **Hidrojen Fosfat Anyonuna Duyarlı İyon Seçici Elektrot Geliştirilmesi**

ÖZ S., Yüzer D., ATAKOL O.

XIX. Ulusal Kimya Kongresi, Turkey, 30 September - 04 October 2005

XXIX. **Synthesis and Electrochemical Behavior of Linear Chain Homotetranuclear Complexes with N3**

ÖZ S., EMREGÜL K. C., KURTARAN R., ATAKOL O.

2nd International Aegean Physical Chemistry Days, Turkey, 7 - 10 October 2004

Supported Projects

2020 - 2022	Nükleofilik Yer Değiştirme Tepkimeleri Yardımıyla Azotça Zengin Yeni Enerjik Maddelerin Hazırlanması ve Karakterizasyonu, Project Supported by Higher Education Institutions
2017 - 2017	Üç yeni enerjik malzemenin sentezi ve antimikrobiyal aktivitesinin incelenmesi, Project Supported by Higher Education Institutions
2012 - 2014	Azotça Zengin Yeni Enerjik Maddelerin Tasarımı Sentezi ve Termal Analiz Yöntemleriyle İncelenmesi, Project Supported by Higher Education Institutions
2012 - 2013	Bazı Yeni Enerjik benzaldoksimlerin Sentezi ve Termal Bozunmaları, Project Supported by Higher Education Institutions
2007 - 2010	Asidik ortamdaki metal korozyonuna karşı bazı yeni organik inhibitör bileşiklerinin geliştirilmesi, Project Supported by Higher Education Institutions
2006 - 2009	Farklı Çok Çekirdekli Komplekslerden Elektrokimyasal Yöntemlerle Hazırlanan Malzemelerin İncelenmesi, Project Supported by Higher Education Institutions
2003 - 2006	Çok Çekirdekli Schiff Bazı Metal Komplekslerinin Termal Analiz Yöntemleri ile İncelenmesi, Project Supported by Higher Education Institutions

Scientific Refereeing

April 2020	Journal of Thermal Analysis and Calorimetry, SCI Journal
March 2017	Journal of Thermal Analysis and Calorimetry, SCI Journal

Metrics

Publication: 61
Citation (WoS): 167
Citation (Scopus): 213
H-Index (WoS): 7
H-Index (Scopus): 8

Invited Talks

December 2021	History of Coffee, Conference, Yeşilyurt Belediyesi/Uluslararası Anadolu Kahve ve Kakao Kongresi, Turkey
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Scholarships

2011 - 2012	YÖK , YOK
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Awards

March 2020

11. Science awards, Iksad International, İktisadi Kalkınma Ve Sosyal Araştırmalar Enstitüsü