

## Personal Information

**Web:** <https://avesis.atauni.edu.tr/maksoy>

## Biography

He was born in 1984 in Erzurum. He completed his primary and high school education in Erzurum. She graduated from Atatürk University, Department of Chemistry in 2003 and completed university education in 2007. He received his master's degree in Biochemistry from Atatürk University, Faculty of Science. In the same year, he is continuing his PhD education in Department of Biochemistry in Department of Chemistry, Science Faculty of Atatürk University.

## Education Information

Doctorate, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya/Biyokimya, Turkey 2010 - 2016

Post Graduate, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Turkey 2007 - 2010

Under Graduate, Atatürk Üniversitesi, Fen Fakültesi, Kimya, Turkey 2003 - 2007

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, BAZI FLAVONOİDLERİN ANTIOKSİDAN KAPASİTELERİNİN BELİRLENMESİ VE İNSAN ERİTROSİTLERİNDEN SAFLAŞTIRILAN GLUTATYON S-TRANSFERAZ ENZİM AKTİVİTESİ ÜZERİNE İNHİBİSYON ETKİLERİNİN İNCELENMESİ, Atatürk Üniversitesi, Fen Fakültesi, Kimya/Biyokimya, 2016

Post Graduate, TERMOFİLİK BREVİBACİLLUS BREVİS BAKTERİSİNDEN PEKTİN LİYAZ ENZİMİNİN SAFLAŞTIRILMASI, KARAKTERİZASYONU ve BİTKİSEL YAĞ ELDESİNDE KULLANILIRLIĞININ İNCELENMESİ, Atatürk Üniversitesi, Fen Fakültesi, Kimya/Biyokimya, 2010

## Research Areas

Chemistry, Biochemistry, Enzyme Kinetics, Natural Sciences

## Academic Titles / Tasks

Research Assistant PhD, Atatürk Üniversitesi, Fen Fakültesi, Kimya, 2011 - Continues

## Courses

Genel Kimya Laboratuvarı, Under Graduate, 2018 - 2019

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

- Purification of tea leaf (*Camellia Sinensis*) polyphenol oxidase by using affinity chromatography and

**investigation of its kinetic properties"**

YILMAZ C., AKSOY M., KÜFREVİOĞLU Ö. İ.

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.15, pp.1-6, 2019 (Journal Indexed in SCI Expanded)

- **Purification of tea leaf (Camellia Sinensis) polyphenol oxidase by using affinity chromatography and investigation of its kinetic properties"**

Yılmaz C., Aksoy M., Küfrevioğlu Ö. İ.

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.15, pp.1-6, 2019 (Journal Indexed in SCI Expanded)

- **Flexible and freestanding catalase-Fe<sub>3</sub>O<sub>4</sub>/reduced graphene oxide paper: Enzymatic hydrogen peroxide sensor applications**

Kiransan K., AKSOY M., TOPÇU E.

Materials Research Bulletin, vol.106, pp.57-65, 2018 (Journal Indexed in SCI Expanded)

- **Inhibition effects of pesticides on glutathione-S-transferase enzyme activity of Van Lake fish liver**

Ozaslan M. S. , Demir Y., AKSOY M., KÜFREVİOĞLU Ö. İ. , Beydemir S.

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, 2018 (Journal Indexed in SCI)

- **Inhibition of human erythrocyte glutathione S-transferase by some flavonoid derivatives**

AKSOY M., Kufrevioglu I.

TOXIN REVIEWS, vol.37, pp.251-257, 2018 (Journal Indexed in SCI)

- **Purification of glutathione S-transferase from Van Lake fish (Chalcalburnus tarichii Pallas) muscle and investigation of some metal ions effect on enzyme activity**

AKSOY M., Ozaslan M. S. , KÜFREVİOĞLU Ö. İ.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, pp.546-550, 2016 (Journal Indexed in SCI)

- **HELLP syndrome is still a serious, life-threatening complication of pregnancy: admission of 34 women to an eastern Turkish intensive care unit**

Bedir Z., AHISKALIOĞLU A., Esenkaya U., Ahiskalioglu E. O. , DOSTBİL A., AKSOY M., DOĞAN N., KÜRŞAD H.

CLINICAL AND EXPERIMENTAL OBSTETRICS & GYNECOLOGY, vol.43, pp.795-799, 2016 (Journal Indexed in SCI)

- **Purification of glutathione S-transferase from lake van fish (Chalcalburnus tarichii pallas) muscle and investigation of some metal ions effect on enzyme activity**

KÜFREVİOĞLU Ö. İ. , AKSOY M., Özaslan S.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, pp.1-5, 2015 (Journal Indexed in SCI Expanded)

- **Purification of glutathione S-transferase from lake van fish (Chalcalburnus tarichii pallas) muscle and investigation of some metal ions effect on enzyme activity**

KÜFREVİOĞLU Ö. İ. , AKSOY M., Özaslan S.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, pp.1-5, 2015 (Journal Indexed in SCI Expanded)

- **Anesthetic management in children with congenital lobar Emphysema**

ÇELİK M., DOSTBİL A., AKSOY M., ALICI H., DOĞAN N., İNCE İ., AYDIN Y., AHISKALIOĞLU A.

Acta Chirurgica Belgica, vol.115, pp.279-283, 2015 (Journal Indexed in SCI)

- **Maternal and neonatal effects of adding morphine to low-dose bupivacaine for epidural labor analgesia**

DOSTBİL A., ÇELİK M., Alici H. A. , Erdem A. F. , AKSOY M., AHISKALIOĞLU A.

NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.17, pp.205-211, 2014 (Journal Indexed in SCI)

- **The effects of different doses of caudal morphine with levobupivacaine on postoperative vomiting and quality of analgesia after circumcision**

DOSTBİL A., Gursac Celik M., AKSOY M., AHISKALIOĞLU A., ÇELİK E., ALICI H., ÖZBEY İ.

Anaesthesia and Intensive Care, vol.42, pp.234-238, 2014 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- **Polifenol Oksidaz Enziminin Bazı Kalkon Türleriyle İnhibisyonu**

YILMAZ C., BAYRAK S., AKSOY M., KÜFREYOĞLU Ö. İ.

European Conference on Science, Art Culture, 19 - 22 April 2018

• **Inhibition of Human Erythrocyte Glutathione S-Transferase by Some Flavonoids Derivates**

AKSOY M., KÜFREYOĞLU Ö. İ.

INTERNATIONAL DNA DAY AND GENOME CONGRESS (IDDGC) 2017, 24 - 28 April 2017

• **Flexible and Electrically Conductive Fe<sub>3</sub>O<sub>4</sub> rGO Paper Electrode and Its Catalytical Application**

DAGCI K., TOPÇU E., AKSOY M., ALANYALIOĞLU M.

Graphene Turkey, 20 - 21 October 2016

• **İnsan eritrositlerinden saflaştırılan Glutatyon redüktaz enzimi aktivitesi üzerine bazı fenolik bileşiklerin etkilerinin incelenmesi**

GÜLLER U., AKSOY M., GÜLLER P., KÜFREYOĞLU Ö. İ.

16. Kromatografi Kongresi, Turkey, 31 August - 02 September 2016

• **İnsan Eritrositlerinden Saflaştırılan Glutatyon S-Transferaz Enzim Aktivitesi Üzerine Kurkumin, Kuersetin ve Resveratrol Fenolik Bileşiklerinin İnhibisyon Etkilerinin İncelenmesi**

AKSOY M., GÜLLER P., GÜLLER U., KÜFREYOĞLU Ö. İ.

16. Kromatografi Kongresi, Turkey, 31 August - 02 September 2016

• **In Situ Synthesized rGO Fe<sub>3</sub>O<sub>4</sub> Magnetic Nanocomposites for Immobilization of Carbonic Anhydrase**

AKSOY M., DAĞCI K., KÜFREYOĞLU Ö. İ.

11th International Conference on Protein Stabilisation, İstanbul, Turkey, 9 - 11 May 2016

• **In Situ Synthesized rGO Fe<sub>3</sub>O<sub>4</sub> Magnetic Nanocomposites for Immobilization of Carbonic Anhydrase**

AKSOY M., DAĞCI K., KÜFREYOĞLU Ö. İ.

11th International Conference on Protein Stabilisation, 9 - 11 May 2016

• **In Vitro Antioxidant Profiles of Some Flavonoids**

AKSOY M., GÜLÇİN İ., KÜFREYOĞLU Ö. İ.

International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Turkey, 21 - 23 April 2016, vol.1726

• **Investigation of the Effects of Extracts from Some Diuretics Plants on the Activity of Human Erythrocytes Carbonic Anhydrase II**

AKSOY M., GÜLLER P., GÜLLER U., ÇİFTÇİ M., KÜFREYOĞLU Ö. İ.

MESMAP 2015, Antalya, Turkey, 22 - 25 April 2015

• **Glutatyon S Transferaz enziminin van balığı kas dokusundan saflaştırılması ve bazı metal iyonlarının enzim aktivitesi üzerine etkilerinin incelenmesi**

AKSOY M., ÖZASLAN S., KÜFREYOĞLU Ö. İ.

15. Ulusal Kromatografi Kongresi, Turkey, 8 - 10 April 2015

• **İnsan eritrosit glutatyon redüktaz enziminin saflaştırılması ve bazı fenolik maddelerin enzim aktivitesi üzerine inhibisyon etkisinin incelenmesi**

AKSOY M., GÜLÇİN İ., KÜFREYOĞLU Ö. İ.

Kromatografi 2013, Bursa, Turkey, 19 - 22 June 2013, pp.192

• **Investigation of inhibitory effect of phenol 2 fluorophenol and 3 fluorophenol on carbonic anhydrase isoenzymes I and II The 9th International Conference on the Carbonic Anhydrase CA**

AKSOY M., ANNAKAYA P., HAN H., GÜLÇİN İ., KÜFREYOĞLU Ö. İ.

The 9th International Conference on the Carbonic Anhydrase (CA), Antalya, Turkey, 11 - 15 April 2012

## Supported Projects

AKSOY M., DAĞCI KIRANŞAN K., Project Supported by Higher Education Institutions, Glutatyon Redüktaz İmmobilize Esnek GrafenCoS Kâğıt Elektrotun Hazırlanması Karakterizasyonu ve Glutatyon Tayininde Kullanılabilirliğinin Spektrofotometrik ve Elektrokimyasal Olarak Araştırılması, 2018 - 2019

DAĞCI KIRANŞAN K., AKSOY M., Project Supported by Higher Education Institutions, KATALAZ İMMOBİLİZASYONU İÇİN GRAFEN/FE<sub>3</sub>O<sub>4</sub> NANAOKOMPOZİT KAĞIT ELEKTROTLARIN HAZIRLANMASI VE AMPEROMETRİK UYGULAMALARININ ARAŞTIRILMASI, 2016 - 2018

KÜFREYOĞLU Ö. İ. , AKSOY M., ÖZASLAN M. S. , Project Supported by Higher Education Institutions, GLUTATYON S-TRANSFERAZ ENZİMİNİN VAN GÖLÜ BALIĞI (CHALCALBURNUS TARİCHİ PALLAS) KARACİĞERİNDEN

SAFLAŞTIRILMASI, TARIM İLACI OLARAK KULLANILAN BAZI PESTİSİTLERİN VE KİMYASALLARIN ENZİM AKTİVİTESİ ÜZERİNE ETKİLERİNİN İNCELENMESİ, 2015 - 2017

KÜFREVİOĞLU Ö. İ. , AKSOY M., Project Supported by Higher Education Institutions, TORTUM ELMASINDAN POLİFENOL OKSİDAZ ENZİMİNİN SAFLAŞTIRILMASI KARAKTERİZASYONU VE BAZI KİMYASALLARIN ETKİSİNİN İNCELENMESİ, 2013 - 2016

ŞAKİROĞLU H., AKSOY M., Project Supported by Higher Education Institutions, BAZI FLAVONOİD VE ŞALKONLARIN ANTİOKSİDAN VE ANTİRADİKAL KAPASİTELERİNİN BELİRLENMESİ, İNSAN KARBONİK ANHİDRAZ I VE II İZOENZİMLERİNİN İNHİBİSYON ETKİLERİNİN İNCELENMESİ, 2012 - 2015

## Scientific Refereeing

Journal of Biochemical and Molecular Toxicology, SCI Journal, July 2018

Project Supported by Higher Education Institutions, May 2018

Journal of Biochemical and Molecular Toxicology, SCI Journal, February 2018

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi , National Scientific Refreed Journal, February 2018

## Invited Congress and Symposium Activities

European Conference On Science, Art & Culture, Attendee, Antalya, Turkey, 2018

International Dna Day And Genome Congress, Attendee, Kırşehir, Turkey, 2017

3rd Emerging 2D Materials& Graphene Conference, Attendee, Turkey, 2016

Kromatografi Kongresi, Attendee, Malatya, Turkey, 2016

11th International Conference on Protein Stabilisation, Attendee, İstanbul, Turkey, 2016

International Conference on Advances in Natural and Applied Sciences, Attendee, Turkey, 2016

Kromatografi Kongresi, Attendee, Uşak, Turkey, 2015

2nd Mediterranean Symposium on Medicinal and Aromatic Plants, Attendee, Turkey, 2015

Kromatografi Kongresi, Attendee, Bursa, Turkey, 2013

9th International Conference on Carbonic Anhydrase (CA), Attendee, Antalya, Turkey, 2012

23. Ulusal Kimya Kongresi, Attendee, Sivas, Turkey, 2009

## Citations

Total Citations (WOS):30

h-index (WOS):3