



TAGEM
R&D AND INNOVATION

CENTRAL FISHERIES RESEARCH INSTITUTE
SUMAE / TRABZON

SEBAHATTİN KUTLU, Ph.D

Head of Food Technology Department

EDUCATION

- PhD**
1996-2004 Black Sea Technical University
Department of Fisheries Techn. Engineering
- MSc**
1993-1996 Black Sea Technical University
Department of Fisheries Techn. Engineering
- Bachelor's Degree**
1989-1993 Black Sea Technical University
Department of Fisheries Techn. Engineering
- LANGUAGE** English YÖKDİL 66,25

ABOUT ME

After working as a Research Assistant at the Faculty of Marine Sciences at KTÜ between 1994-2001, he transferred to the institute in 2001.

He worked as a researcher and project leader in many projects. He is still working as a Head of Food Technology Department at the same organization. He is married and has three children.

CAREER

- 2008- Head of Department, SUMAE - TRABZON
- 2001-2008 Engineer, SUMAE - TRABZON
- 1994-2001 Researcher, Black Sea Technical University -TRABZON

CONTACT

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▪ PROJECTS

▪ **Projects Conducted**

1. TAGEM – An investigation on Recruitment of Hatchery-Reared Black Sea Turbot Juveniles to natural Stocks and its Bioecological Characteristics - Researcher (2000-2005)
2. TÜBİTAK 1002 – Distribution of Fish Eggs and Larvae in Trabzon Shore and Economic Analysis of Demersal Fish Production - Researcher (2006-2008)
3. TAGEM- State of Shrimp Fishery in the Marmara Sea – Researcher (2001-2004)
4. TAGEM – Development hunting traps models as alternative diredge used in catch sea snail - Researcher (2005-2008)
5. TAGEM - Research on Bio-Ecological Properties and Aquaculture Possibilities of Flounder (*Platichthys flesus luscus Pallas, 1811*) – Researcher (2007-2010)
6. TÜBİTAK 1007 - Determination National Food Composition and Formation of a Widely Available and Sustainable System – Project Execution TAGEM Support Member, Food Group Officer, Laboratory Contact Person (2008-2012)
7. TAGEM – Monitoring of Anchovy Fisheries in the Black Sea - Researcher (2006- 2015)
8. DOKA – Fisheries Sectoral Report Project in TR90 Region - Researcher (2012)
9. TAGEM – Development of Aquaculture of Black Sea Turbot (*Psetta maxima*) - Researcher (2011- 2013)
10. TAGEM - Development and Farming of Protection Strategy of Sturgeon- Researcher (2011-2013)
11. DOKA - Technical support- A Determination of Consumer Tendency on Fish consumption in TR90 / Trabzon city - Researcher (2014)
12. Prime Minister Promotion Fund - International Fisheries and Aquaculture Symposium Project – Project Leader (2014)
13. TAGEM - Determination of Storage Stability and Consumer Acceptance of Some Smoked Fish Species that are caught and raised in Eastern Black Sea- Project Leader (2013- 2015)
14. TAGEM – Examination of Oxidative Stability of Microencapsulated Anchovy Oil by Adding Natural Antioxidants - Researcher (2015-2016)
15. TAGEM- Investigation of alternative methods in the evaluation of sprat fish (*Sprattus sprattus* (Linnaeus, 1758)) - Researcher (2014-2015)
16. TAGEM- Monitoring of Sea Snail Fisheries in the Black Sea - Researcher (2016-2018)
17. TAGEM- Investigation aquaculture facilities of red snapper - Researcher (2016-2018)
18. TAGEM- Determination of Storage Stability of Protein Isolate and Hydrolyzate Obtained from Sprat (*Sprattus sprattus* L., 1758) - Researcher (2018-2020)



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▪ Ongoing Projects

1. TAGEM - The Effect of Ultrasound Assisted Protein Hydrolyzate Production and the Possibility of Use in Some Processed Foods – Researcher (2019-2022)
2. TAGEM – Determination of Biochemical Contents of Macroalgae Species in The Eastern Black Sea Coasts – Researcher (2018- 2022)
3. TAGEM – Monitoring of the Commercial Pelagic Fish Stocks in the Black Sea – Researcher (2018-)
4. TAGEM – Investigation of Intensive Production Possibilities of Local Microalgae Isolates Isolated from The Black Sea – Researcher (2022 -2024)
5. TAGEM – The Ultrasound Assisted Fish Gelatin Extraction – Project Leader (2022-2025)

▪ PUBLICATIONS

▪ INTERNATIONAL ARTICLES AND PAPERS

▪ Articles Published in International Indexed Journals (SCI, SCI-Expanded)

Gücü, A. C., Genç, Y., Başçınar, N. S., Dağtekin, M., Atilgan, E., Erbay, M. & **Kutlu, S.**, 2018, Inter and intra annual variation in body condition of the Black Sea anchovy, *Engraulis encrasiculus ponticus*—Potential causes and consequences. *Fisheries Research*, 205, 21-31.

Sağlam, H., Dağtekin, M., **Kutlu, S.**, Başçınar, N. S., Şahin, A. & Düzgüneş, E. 2017. Rapa whelk pot fishery in the Black Sea of Turkey: Pot type, soak time, depth and season, *Cahiers de Biologie Marine* 2017(58):75-81

Sağlam, H., **Kutlu., S.**, Dağtekin, M., Başçınar, S., Şahin, A., Selen, H. & Düzgüneş, E., 2015, Population biology of *Rapana venosa* (Valenciennes, 1846)(Gastropoda: Neogastropoda) in the South – easternBlack Sea of Turkey, *Cah. Biol. Mar.* 2015(56): 363-368

Balçık Mısır, G., **Kutlu, S.** & Çibuk, S. 2013. Determination of Total Lipid and Fatty Acid Composition of Pearl Mullet (*Chalcalburnus tarichi*, Pallas 1811), *Turkish Journal of Fisheries and Aquatic Sciences* 13: (777-783), www.trfas.org ISSN 1303-2712 DOI: 10.4194/1303-2712-v13_5_01

Sağlam H., AK O., **Kutlu S.** & Aydın İ. 2010. Diet and feeding strategy of the common stingray (*Dasyatis pastinaca* L., 1758) at the Turkish coast of South-eastern Black Sea, *Cah. Biol. Mar.* 2010(51): 37-44

Ak, O., **Kutlu, S.** & İ. Aydın, 2009. Length-Weight Relationship of Fishes Caught by Bottom Trawl off Trabzon Coast (East Black Sea), Turkey. *Turkish Journal of Fisheries and Aquatic Sciences*, 9 (1): 125-126.

Karaçam, H., **Kutlu, S.** & Köse, S., 2002, Effect of Salt Concentrations and Temperature on the Quality and Shelf-Life of Brined Anchovies, *Int. Journal of Food Science&Tech.*, 37(1): 19-28

Köse, S., Karaçam, H., **Kutlu, S.** & Boran, M., 2001, Investigation on the Shelf-life of the Anchovy Dish Called Hamsikuşu in Frozen Storage at $-18\pm1^{\circ}\text{C}$, *Turkish Journal of Veterinary&Animal Scie.*, 25 (5): 651-656



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Boran, M., Karaçam, H., Çelikkale, S., Köse, S. & **Kutlu, S.**, 2000, Levels of Heavy Metals in Blue Whiting Caught From the Eastern Black Sea Area of Turkey, Toxicological&Environmental Chemistry, 75(1): 67-73

Articles Published in Other International Journals

Kutlu, S., Balcık Mısır, G., & Erteken A. 2021. Fatty Acid Composition and Cholesterol Content of Some Economic Marine Fish in Turkish Waters. Aquatic Food Studies2021-07-30 | journal-article, DOI: 10.4194/AFS25

Dagtekin (Gozu), B.B., Balcık Mısır, G., **Kutlu, S.** & Basturk O., 2018. Comparison of Biochemical, Fatty Acids and Lipid Quality Indexes of Prussian Carp (*Carassius gibelio*) Caught from Lake Çıldır on Different Seasons, MedFAR., 1(1):2-14.

Balcik Misir, G., **Kutlu, S.**, Erteken, A., Yaman, M. & Akkus Cevikkalp, S. 2017. Comparison of flesh quality of deep water pink shrimp (*Parapenaeus longirostris*, Lucas 1846) from Marmara, Aegean and Mediterranean Seas in Turkey" J Food Nutr Disor 2017, 6:510.4172/2324-9323.1000235

Ak, O., **Kutlu, S.** & İ. Aydin, 2011, Distribution of demersal species and density of the economic fishes in the coastal Trabzon. Journal of FisheriesSciences. Com, 5(2); 99-106

International Papers, Seminars, etc.

Kutlu, S., Balcık Misir, G., Dagtekin, M., Yesilsu, A.F., Alp-Erbay, E., & Erteken, A. 2019. Determination of Consumer Preferences on Trout, Seabass, Shad, and Bonito Smoked with Beech and Oak Sawdust. 3th International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, April, 16-18, 2019, Trabzon, Turkey (Oral)

Kutlu, S., Balcık Mısır, G., & Erteken A. 2019. The Nutrient Composition of Some Economic Marine Fish and Shellfish in Turkey, Icafop /3. International Conference on Agriculture, Food Veterinary and Pharmacy Science, 16-18 April, Trabzon, Turkey (Oral)

Dagtekin, B.B., Balcık Misir, G., **Kutlu, S.**, & Yesilsu, A.F. 2019. A Preliminary Study on Protein Isolates and Hydrolyzate Production from Sprat (*Sprattus sprattus* L., 1758). 3th International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, April, 16-18, 2019, Trabzon, Turkey (Oral).

Balçık Mısı̄r G., **Kutlu, S.**, Erteken, A., Yaman, M. & Akkuş Çevikkalp., S. 2016. Some Nutritional Quality Parameters of Deep Water Pink Shrimp (*P. Longirostris*, Lucas 1846) Meat Harvested From Marmara, Aegean And Mediterranean Seas In Turkey. Faba International Symposium on Fisheries and Aquatic Sciences, 3-5 Nov. 2016, Antalya (Oral)

Kutlu, S., Dağtekin, M., Mısı̄r-Balçık, G., Yeşilsu, A.F., Alp, E. & Erteken, A., 2015. Determination of Consumer Trends on Shad an Seabass Smoked with Beech and Oak Sawdust. 1st International Conference on Sea and Coastal Development in the Frame of Sustainability, (MACODESU-2015), 18-20 September 2015, Trabzon, Turkey. Abstract Book, p:186. (Poster).

Kutlu, S., Yeşilsu, A.F., Mısı̄r-Balçık, G., Alp, E., Erteken, A., Türe& M., Dağtekin, M., 2015. Determination of Storage Stability of Hot Smoked Atlantic Bonito and Trout with Different Wood Chips. 1st International Conference on Sea and Coastal Development in the Frame of Sustainability, (MACODESU-2015), 18-20 September 2015, Trabzon, Turkey. Abstract Book, p:189. (Poster).



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Balçık Mısır G., **Kutlu, S.**, & Ayyıldız, H. **2014** Fish Consumption Preferences of Consumers in Trabzon Province, Turkey Faba 2014: International Symposium On Fisheries and Aquatic Sciences, Bildiriler Kitapçığı 25-27 September 2014 / Trabzon Sayfa 471-472 (poster)

Kutlu, S., Balçık Mısır, G. Erteken, A. & Yaman, M. **2014**. The Nutrient Composition of Some Economic Marine Fish in Turkey Faba 2014: International Symposium On Fisheries and Aquatic Sciences, Bildiriler Kitapçığı 25-27 September 2014 / Trabzon, Sayfa 485(poster)

Balçık Mısır G., **Kutlu, S** & Çibuk, S., **2013**. Determination of Total Lipid and Fatty Acids Composition of Pearl Mullet (Chalcalburnus tarichi, Pallas 1811), Fisheries and Aquatic Sciences-FABA-2013

Kutlu, S. Balçık Mısır, G. & Erteken, A. 2011. Method Validation Studies on Fatty Acid Analysis in the Turkish Food Database, International Food Congress: Novel Approaches in Food Industry NAFI " 26-29 May 2011, İzmir (poster)

Zengin, M., Karakulak, F., Polat, H. & **Kutlu, S.**, **2007**, A Study on the Stocks of the deep-water pink shrimp (Parapenaeus longirostris Lucas,1846) in the Marmara, CIESM Congress, 38 pp.642

Sağlam, H., **Kutlu, S.**, Başçınar, S., Dağtekin, M., Düzgüneş, E. & Şahin, A., **2007**, Pot Fishery of Rapana venosa Valenciennes 1846, in the Southeastern Black Sea, CIESM Congress, 38 pp.585

■ NATIONAL ARTICLES AND PAPERS

Articles Published in National Journals

Balçık Mısır, G., **Kutlu, S.** & Ayyıldız, H. **2015**. Fish Consumption Preferences of Consumers in Trabzon, Turkey, Yunus Araştırma Bülteni, 2015(2) 45-57.

Kutlu, S., Yeşilsoy, A.F. & Firidin, Ş. **2011**. Su Ürünleri Kaynaklı Zehirlenmeler. Yunus Araştırma Bülteni. 2011 (3): 20-25.

Ak O., **Kutlu, S.** & Aydın, İ. **2010**. Trabzon kıyılarında dip trolü av kompozisyonu ve ekonomik balıkların yoğunluk miktarı, Journal of Fisheries Sciences.com, DOI: 10.3153/jfscom.2011012

Kutlu, S. **2009**. Su Ürünleri Eşleştirme Projesi Karaya Çıkış Noktaları, YUNUS Araştırma Bülteni - Yıl:9, Sayı:2, Haziran 2009, Trabzon, 10-11

Ak, O., **Kutlu, S.**, Genç, Y., & Haliloglu H.İ. **2009**. Length Frequency, Length-Weight Relationship and Sex ratio of the whiting, Merlangius merlangus euxinus in the Black Sea, Turkey. Balikesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 11 (2) :37-43

Ak, O., **Kutlu, S.** & Aydın, İ., **2008**. Trabzon Kıyılarında (Doğu Karadeniz) Dip Trolü ile Avlanan Balık Faunası Üzerine Bir Araştırma. Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi 24 (1-2) 380 – 388.

Kutlu, S. & Balçık Mısır, G. **2007**. Bölgemizde Su Ürünleri İşleme-Değerlendirme Tesislerinin Gelişimi, Yunus Araştırma Bülteni , sayı 1, sayfa 15-16, Mart 2007.

Kutlu, S. & Balçık Mısır, G.. **2007**. Developing of Sea Food Sector in the Black Sea, Yunus Research Bulletin December, 2007



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National Papers, Seminars, etc..

Balcık Misir, G., **Kutlu, S.**, Dağtekin, B.B., Yeşilsu, A.F., Alp Erbay, E. **2019.** "Ultrases Destekli Balık Protein Hidrolizatı Üretimi ve Bazı İşlenmiş Gidalarda Kullanım Olanaklarının Belirlenmesi", KTÜ Proje Pazarı, 29-30-31 Mayıs 2019, KTÜ (Poster sunumu)

Kutlu, S., Balçık Mısır, G., **2015**, Ulusal Gıda Kompozisyonu Veri Tabanı "Turkomp" 18. Ulusal Su Ürünleri Sempozyumu, Bildiri Özeti Kitapçığı sayfa 294.

Dağtekin., B.B., Mısır, G., **Kutlu, S.**, **2015**, Gümüş Havuz Balığı (*Carassius gibelio*, Block 1782)'nın Lipit Kalite İndekslerinin Mevsimsel Değişimi, 18. Ulusal Su Ürünleri Sempozyumu, Bildiri Özeti Kitapçığı, s: 293

Dağtekin, B.B, **Balçık Mısır, G.** & Kutlu S. 2014. Seasonal Variations of the biochemical and Fatty Acid Composition of Prussian Carp (*Carassius gibelio* Bloch,1782) in Lake Çıldır, 5. Doğu Anadolu Bölgesi Su Ürünleri Sempozyumu 264-265.

Dağtekin Gözü, B.B, Balçık Mısır, G. & **Kutlu S.**, **2014.** Çıldır Gölü'ndeki gümüş havuz balığının (*Carassius gibelio* Bloch,1782) biyokimyasal ve yağ asitleri kompozisyonunun mevsimsel değişimi. 5.Doğu Anadolu Bölgesi Su Ürünleri Sempozyumu, 31 Mayıs-02 Haziran 2014, Elazığ, 262-263.

Balçık Mısır G., **S. Kutlu** & S. Çibuk, **2013.** "İnci kefalinin (Chalcalburnus tarichi) toplam lipit ve yağ asitleri kompozisyonunun belirlenmesi, Balıkçılık ve Akvatik Bilimler Sempozyumu,30 Mayıs-1 Haziran 2013 Erzurum, 427s

Akbulut B., **S. Kutlu**, Aksungur N., E. Çakmak, Yeşilsu A.F. &E. Alp. **2013.** Sivriburun Mersin Balıklarında Besleme Sıklığının Büyüme, Yem Değerlendirme, Et Verimi ve Et Kalitesine Etkisi. 17. Ulusal Su Ürünleri Sempozyumu, 3-6 Eylül, 2013, İstanbul. Bildiri Özetleri Kitabı.

Kutlu S., G. Balçık Mısır & A. Erteken, **2012.** Ulusal Gıda Kompozisyonunun Belirlenmesi ve Yaygın-Sürekli Paylaşım Sisteminin Oluşturulması, Sea Expo Turkey Fuarı, 14-17 Temmuz 2012, İstanbul.

Zengin, M., Polat, H. & **Kutlu S.**, **2010.** Marmara Denizi Karides (*Parapenaeus longirostris*) Balıkçılığında Hedef ve Hedef Dışı Av Oranlarının Tahmini "Marmara Denizi 2010 Sempozyumu, 26-27 Eylül 2010,

Ak, O., Özdemir, G.P., **Kutlu, S.**, Genç, Y., Alkan, A. & Haliloglu, H.İ. **2010.** Trabzon Kıyılarında 2007/2008 Yıllarında Hamsi (*Engraulis encrasiculus*) Yumurta Ve Larvalarının Vertikal Dağılımı İle Ölüm Oranları, I. Ulusal Hamsi Çalıştayı, 17–18 Haziran 2010. Çalıştay Bildiri Kitabı, Trabzon: 164

Genç, Y., Ak, O., Sağlam, H., Başçınar, N.S., **Kutlu, S.** & Dağtekin, M. **2009.** Doğu Karadeniz'de gırırgıla yapılan hamsi ve istavrit avcılığında karaya çıkarılan ürünündeki hedef dışı türlerin kompozisyonu. XV. Ulusal Su Ürünleri Sempozyumu. "Ekosistem Yaklaşımı Su Ürünleri Üretimi" 1-4 Temmuz 2009 Rize

Zengin, M., H. Güngör, H. Polat, **S. Kutlu** & M. Aksoy, **2008.** Marmara Denizindeki Karides Balıkçılığının Yönetimi Üzerine Bir Araştırma. Türkiye Karides Avcılığı ve Sürdürülebilir Balıkçılık Çalıştayı, 30-31 Ocak 2008,İstanbul Üniversitesi Su Ürünleri Fakültesi

Kutlu, S. & Köse,S., **2000**, Farklı Sıcaklıklarda Depolanan Mezgit Burgerlerin Kalite Değişimleri, Su Ürünleri Sempozyumu, 20-22 Eylül 2000 Sinop

Boran, M., Pulat, S., **Kutlu, S.** & Erdem, E., **2000**, Trabzon Piyasasında Satılan Balık Konservelerinin Kimyasal Olarak Kalite Düzeylerinin Belirlenmesi, Su Ürünleri Sempozyumu, 20-22 Eylül 2000 Sinop.



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Erdem, E. & **Kutlu, S.**, 2000, Hamsi Balığının Avlandığı Andan İtibaren Soğuk Zincir Uygulanarak Saklanmasında Meydana Gelen Kalite Değişimleri Üzerine Bir Araştırma, Su Ürünleri Sempozyumu, 20-22 Eylül 2000 Sinop.

Düzungüneş, E., Başçınar, S., Emiral, H. & **Kutlu, S.**, 1999, Doğu Karadeniz Deniz Tilkisinin Bazı Populasyon Parametreleri Üzerine Bir Ön Çalışma, X. Su Ürünleri Sempozyumu, 22-24 Eylül 1999 Adana (Sözlü bil.)

Karaçam, H., **Kutlu, S.**, Pulat, S. & Boran, M., 1999, Dondurulmuş Uskumru Balıklarında Buz Çözümü Yöntemlerinin Karşılaştırılması, X. Su Ürünleri Sempozyumu, 22-24 Eylül 1999 Adana (Sözlü bildiri)

Karaçam, H., **Kutlu, S.** & Boran, M., 1998, Trabzonda Satılan Mezgit Balıklarının Mikrobiyolojik Kaliteleri Üzerine bir Araştırma, III. Su Ürünleri Sempozyumu, 10-12 Haziran 1998 Erzurum (Sözlü bildiri)

Boran, M., Karaçam, H. & **Kutlu, S.**, 1998, Deterjanların Tatlı Su Ortamında Biyolojik Parçalanması, III. Su Ürünleri Sempozyumu, 10-12 Haziran 1998 Erzurum (Sözlü bildiri)

▪ **OTHER PUBLICATIONS**

▪ **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

Master Thesis : The Quality of Changes and The Shelflife of Brined Anchovy

Ph.D Thesis : The Determination of Protein Breakdown in Brined and Frozen Anchovy

▪ **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**

▪ **International Symposium**

▪ Symposium Organization Committe - FABA 2014: International Symposium on Fisheries and Aquatic Sciences

▪ **Council**

III. Agriculture Forest Council, Fisheries and Aquaculture Group, Deputy Chairman of the Fish Processing and Evaluation Sub-Group, 17 June- 21 November, 2019- ANKARA

▪ **Editorial**

Ongoing

Aquatic Food Studies – Section Editor (2021-)

Past

Yunus Research Bulletin – Section Editor (2010-2018)



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▪ Trainings

<u>Training Name</u>	<u>Start Date</u>	<u>Finish Date</u>	<u>Training Unit</u>
EU Hygiene Regulations and Fisheries Quality	28.11.2005	29.11.2005	KKGM-Çanakkale
Proteomics Course	09.05.2006	09.05.2006	Ankara Univ.-Ankara
Using Fisheries Independent Data in Fisheries Research	09.01.2007	11.01.2007	KKGM- Trabzon
EU 7th Framework Program Applied Project Preparation	19.10.2009	22.10.2009	TAGEM- Antalya
Training in Metrology in Chemistry (TrainMic)	12.11.2009	13.11.2009	JRC- TÜBİTAK UME
Method Validation and Measurement Uncertainty in Chemical Analysis	16.02.2009	17.02.2009	TÜBİTAK MAM
Experimental Animal Use Certificate Program	07.06.2010	18.06.2010	SUMAE
TS EN ISO/IEC 17025 “Technical Requirements for Competence of Experiment and Calibration Laboratories	10.11.2010	10.11.2010	SUMAE
Ultra Fast Liquid Chromatography	06.04.2010	06.04.2010	ANT TEKNİK- KTÜ
Project Preparation Training	04.05.2010	06.05.2010	VALİLİK- Trabzon
EU Grant Funds and Project Cycle Management	10.06.2014	14.06.2014	TCD COMPANY- SUMAE
“Turkey in Horizon 2020” Project	04.11.2016	04.11.2016	TÜBİTAK-ANKARA
Agilent HPLC Device Software, Hardware and User Training	24.01.2017	25.01.2017	SEM- SUMAE
University-Industry Cooperation Project Preparation Training in the Agriculture Sector Innovative Tools and Methods for Ensuring Seafood Authenticity	05.04.2019	07.04.2019	OMÜ- Samsun
	26.04.2021	06.05.2021	CIHEAM

▪ Social Networks

Google Akademik : <https://scholar.google.com/citations?user=UFX2YU8AAAAJ&hl=tr>

Researchgate : <https://www.researchgate.net/profile/Sebahattin-Kutlu>

ORCID : <https://orcid.org/0000-0001-6688-9971>



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