

# LEVENT ÇAVAŞ

## PROF.

Email : levent.cavas@deu.edu.tr

Office Phone : [+90 232 301 8701](tel:+902323018701)

Fax Phone : [+90 232 453 4188](tel:+902324534188)

Address : Dokuz Eylül University, Faculty of Science, Department of Chemistry, Tınaztepe Campus, 35390, İzmir-Turkey

### International Researcher IDs

ScholarID: cqthcs8AAAAJ

ORCID: 0000-0003-2136-6928

Publons / Web Of Science ResearcherID: P-2144-2019

ScopusID: 6507925458

Yoksis Researcher ID: 51773

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Vocational Training, World Finswimmer Trainer Congress, CMAS, 2020

Vocational Training, 1\*Sualtı Ragbisi Antrenör Kursu, Türkiye Sualtı Sporları Federasyonu, 2008

Vocational Course, 1\*Sutopu Antrenör Kursu, Türkiye Yüzme Federasyonu, 1996

Vocational Training, 1\* Yüzme Antrenörlüğü, Türkiye Yüzme Federasyonu, 1996

### Academic Titles / Tasks

---

Professor 2014 - Continues	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
Associate Professor 2009 - 2014	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
Assistant Professor 2006 - 2009	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
Lecturer PhD 2005 - 2006	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
Research Assistant 2000 - 2005	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü

---

### Supported Projects

1. Çavaş L., TÜBİTAK - AB COST Project, European Network In CHEmical Ecology: translating the language of life into

sustainability, 2023 - 2027

2. Çavaş L., TUBITAK Project, Antifouling Boyalardaki Biyosidal Ajanların Salınım Hızlarının Tespiti, 2022 - 2024
3. ÇAVAŞ L., Doğmaz S., Project Supported by Higher Education Institutions, Ulva lactuca Tabanlı Yeşil Nanopartiküller Yoluyla Biyohidrojen Eldesi, 2023 - 2023
4. Sarıışık A. M., Kartal G. E., Çavaş L., Uğur Ş. S., TUBITAK Project, Antifouling Özellikli Balık Ağlarının Geliştirilmesi, 2020 - 2023
5. Çavaş L., Özdaş A. H., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Atıksız Körfez Dönüşen Gelecek, 2022 - 2022
6. ÇAVAŞ L., Project Supported by Higher Education Institutions, SANAL LABORATUVAR UYGULAMALARI, 2020 - 2021
7. ÇAVAŞ L., Project Supported by Higher Education Institutions, Biyoenformatik Araçlar Kullanılarak Endokitinaz Benzeri Özgün Alerjen Proteinlerin Tanımlanması, 2019 - 2020
8. Çavaş L., Clerk O., H2020 Project, The Algal Microbiome: Algal Friends and Foams: ALFF Horizon2020 Project, 2016 - 2020
9. Çavaş L., Erdoğan Ü. H., TUBITAK Project, Farklı Hammaddelerden Üretilmiş Balık Ağlarına Uygulanan Kirlenmeyi Önleyici İşlemlerin Etkisinin İncelenmesi, 2018 - 2019
10. Kandemir Çavaş Ç., Çavaş L., Other International Funding Programs, In silico analysis of bioactive peptides from invasive Halophila stipulacea., 2017 - 2019
11. Çavaş L., TUBITAK Project, Caulerpa Türlerinden Caulerpinin Sarpa Salpa'ya Geçişi, 2017 - 2018
12. Çavaş L., KANDEMİR ÇAVAŞ Ç., FP7 Project, High-throughput development of carbon-polymer nanocomposites for marine applications, 2011 - 2017
13. ÇAVAŞ L., TUBITAK Project, Türk kıyılarındaki denizhiyarlarından antimetastatik etki gösteren triterpen glikozidlerin izolasyonu, 2014 - 2016
14. Gündoğdu Hızlıateş C., Ergün M. Y., Çavaş L., TÜBİTAK International Bilateral Joint Cooperation Program Project, Discovery of novel arp 2 3 inhibitors synthesis in silico design and in vitro analysis, 2014 - 2016
15. Çavaş L., TUBITAK Project, Türk Kıyılarında Toksik Biyositler olan Diuron ve İrgarolun HPLC tayini, 2014 - 2015
16. Çavaş L., Güzelış C., Kalaycı Demir G., Avcu N., Pekergin F., Pekergin N., TÜBİTAK International Bilateral Joint Cooperation Program Project, Parametre Belirsizliği Altında Hücre İçi Ağların Modellenmesi Analizi ve Optimal Kontrolü, 2012 - 2014
17. ÇAVAŞ L., GÜZELİŞ C., KALAYCI DEMİR G., Other International Funding Programs, Modeling Analysis and Optimal Control of Intra Cellular Networks Under Parameter Uncertainties, 2012 - 2014
18. Çavaş L., TUBITAK Project, Antifouling Boyalar için Deniz Bitkilerinden Yardımcı Biyosit Olarak Sekonder Metabolit İzolasyonu ve Ticari Yardımcı Biyositlerle Karşılaştırılması, 2011 - 2013
19. ÇAVAŞ L., TUBITAK Project, Doğu Akdeniz de Türkiye Kıyılarında (İskenderun Körfezi) Rastlanan Caulerpa taxifolia nın Dağılımının Bazı Biyo Ekolojik Özelliklerinin Toksisitesinin ve Ekosisteme Etkilerinin Belirlenmesi, 2010 - 2012
20. ÇAVAŞ L., Other International Funding Programs, Antioxidant status of bleached and non-bleached anemones in Turkish coastlines, 2009 - 2010
21. ÇAVAŞ L., Other International Funding Programs, In vitro inhibitory effects of Caulerpa racemosa var. cylindracea crude extracts on the superoxide dismutase and glutathione peroxidase activities, 2007 - 2007

## Awards

1. Çavaş L., Limitsizlik Nişanı, Gençlik Ve Spor Bakanlığı, October 2022
2. Çavaş L., Antifouling Boya Bileşimi, Teknofest, September 2022

## Scholarships

FEBS Meeting, Other International Organizations, 2004 - 2004

FEBS Meeting, Other International Organizations, 2004 - 2004

FEBS Meeting , Other International Organizations, 2001 - 2001

FEBS, Other International Organizations, 2000 - 2000

FEBS, Other International Organizations, 2000 - 2000

FEBS , Other International Organizations, 1999 - 1999

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, October, 2022

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, September, 2022

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, July, 2022

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, July, 2022

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, March, 2022

## Published journal articles indexed by SCI, SSCI, and AHCI

- 1. First Barnacle (*Amphibalanus amphitrite*) Adhesion Strength Data on the Self-Polishing Coatings Off the Aegean Sea**  
Kırkız İ., Çavaş L.  
ACS Omega, vol.8, no.37, pp.33675-33683, 2023 (SCI-Expanded)
- 2. Biohydrogen production via green silver nanoparticles synthesized through biomass of *Ulva lactuca* bloom**  
Dogmaz S., ÇAVAŞ L.  
Bioresource Technology, vol.379, 2023 (SCI-Expanded)
- 3. An Efficient and Quick Analytical Method for the Quantification of an Algal Alkaloid *Caulerpin* Showed In-Vitro Anticancer Activity against Colorectal Cancer**  
Mert-Ozuppek N., ÇALIBAŞI KOÇAL G., OLGUN H. N., BAŞBINAR Y., ÇAVAŞ L., ELLİDOKUZ H.  
MARINE DRUGS, vol.20, no.12, 2022 (SCI-Expanded)
- 4. In-silico molecular interactions among the secondary metabolites of *Caulerpa* spp. and colorectal cancer targets**  
Mert-Ozuppek N., Çalıbaşı Koçal G., Olgun H. N., Başbınar Y., Çavaş L., Ellidokuz H.  
FRONTIERS IN CHEMISTRY, 2022 (SCI-Expanded)
- 5. Effects of currently used marine antifouling paint biocides on green fluorescent proteins in *Anemonia viridis***  
Unver B., Evingur G. A., Cavas L.  
JOURNAL OF FLUORESCENCE, vol.32, no.6, pp.2087-2096, 2022 (SCI-Expanded)
- 6. Characterization of siderophores from *Escherichia coli* strains through genome mining tools: an antiSMASH study**  
Çavaş L., Kırkız İ.  
AMB EXPRESS, vol.12, no.1, 2022 (SCI-Expanded)
- 7. Semi-Purified Saponins of *Holothuria poli* Associated Antiproliferation in Tumor Cell Lines**  
Mert-Ozuppek N., Başbınar Y., Uysal-Kilic T., Koz Ö., Ellidokuz H., Çavaş L.  
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.74, no.4, pp.1511-1518, 2022 (SCI-Expanded)
- 8. ARTIFICIAL NEURAL NETWORK MODELLING OF GREEN SYNTHESIS OF SILVER NANOPARTICLES BY HONEY**  
Abeska Y. Y., ÇAVAŞ L.  
NEURAL NETWORK WORLD, vol.32, no.1, pp.1-14, 2022 (SCI-Expanded)
- 9. Estimation of Market Values of Football Players through Artificial Neural Network: A Model Study from the Turkish Super League**

- İNAN T., ÇAVAŞ L.  
APPLIED ARTIFICIAL INTELLIGENCE, vol.35, no.13, pp.1022-1042, 2021 (SCI-Expanded)
10. **Biosynthesis of Silver Nanoparticles by Using Invasive Caulerpa cylindracea Sonder**  
Abeska Y. Y., ÇAVAŞ L.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.21, no.9, pp.451-463, 2021 (SCI-Expanded)
11. **Modelling of multilinear gradient retention time of bio-sweetener rebaudioside A in HPLC analysis**  
Ozupek N. M., ÇAVAŞ L.  
ANALYTICAL BIOCHEMISTRY, vol.627, 2021 (SCI-Expanded)
12. **Prevention of biofouling on aquaculture nets with eco-friendly antifouling paint formulation**  
Sen K., ERDOĞAN Ü. H., ÇAVAŞ L.  
COLORATION TECHNOLOGY, vol.136, no.2, pp.120-129, 2020 (SCI-Expanded)
13. **Identification of Kiwellin-like Proteins in Fruits by Using In Silico Tools**  
Turkmen C., ÇAVAŞ L.  
ACTA CHIMICA SLOVENICA, vol.67, no.1, pp.15-22, 2020 (SCI-Expanded)
14. **In Silico Analysis of Bioactive Peptides in Invasive Sea Grass Halophila stipulacea**  
Kandemir Çavaş Ç., Perez-Sanchez H., Mert-Ozupek N., Çavaş L.  
CELLS, vol.8, no.6, 2019 (SCI-Expanded)
15. **The threat on your plate: Do we just eat Sarpa salpa or more?**  
Turhan S., ÇAVAŞ L.  
REGIONAL STUDIES IN MARINE SCIENCE, vol.29, 2019 (SCI-Expanded)
16. **Disentangling the Influence of Environment, Host Specificity and Thallus Differentiation on Bacteria Communities in Siphonous Green Seaweeds**  
Morrissey K. L., ÇAVAŞ L., Willems A., De Clerck O.  
FRONTIERS IN MICROBIOLOGY, vol.10, 2019 (SCI-Expanded)
17. **Neural Network Modeling of AChE Inhibition by New Carbazole-Bearing Oxazolones**  
ÇAVAŞ L., Topcam G., GÜNDOĞDU HIZLİATEŞ C., ERGÜN M. Y.  
INTERDISCIPLINARY SCIENCES-COMPUTATIONAL LIFE SCIENCES, vol.11, no.1, pp.95-107, 2019 (SCI-Expanded)
18. **The Topology Prediction of Membrane Proteins: A Web-Based Tutorial**  
Kandemir Çavaş Ç., Çavaş L., Alyürük H.  
INTERDISCIPLINARY SCIENCES-COMPUTATIONAL LIFE SCIENCES, vol.10, no.2, pp.291-296, 2018 (SCI-Expanded)
19. **A short note on the paper of Liu et al. (2012). A relative Lempel-Ziv complexity: Application to comparing biological sequences. Chemical Physics Letters, volume 530, 19 March 2012, pages 107-112**  
Arit T., Keskin B., Firuzan E., Kandemir Çavaş Ç., Liu L., Çavaş L.  
CHEMICAL PHYSICS LETTERS, vol.698, pp.110-113, 2018 (SCI-Expanded)
20. **Reinforcement effects of multiwall carbon nanotubes and graphene oxide on PDMS marine coatings**  
ÇAVAŞ L., Yildiz P. G., Mimigianni P., Sapalidis A., Nitodas S.  
JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, vol.15, no.1, pp.105-120, 2018 (SCI-Expanded)
21. **Artificial Neural Network Modeling of Tetracycline Biosorption by Pre-treated Posidonia oceanica**  
Donut N., ÇAVAŞ L.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.17, no.6, pp.1317-1332, 2017 (SCI-Expanded)
22. **In silico evaluation of bioactive peptides from the green algae Caulerpa**  
Agirbasli Z., ÇAVAŞ L.  
JOURNAL OF APPLIED PHYCOLOGY, vol.29, no.3, pp.1635-1646, 2017 (SCI-Expanded)
23. **Triterpene glycosides associated antifouling activity from Holothuria tubulosa and H-polii**  
Ozupek N. M., ÇAVAŞ L.  
REGIONAL STUDIES IN MARINE SCIENCE, vol.13, pp.32-41, 2017 (SCI-Expanded)
24. **Effects of carbon nanotubes on the mechanical strength of self-polishing antifouling paints**  
Dustebek J., Kandemir Çavaş Ç., Nitodas S. F., Çavaş L.  
PROGRESS IN ORGANIC COATINGS, vol.98, pp.18-27, 2016 (SCI-Expanded)
25. **SESQUITERPENOID CAULERPENYNE LEVELS OF NEWLY IDENTIFIED CAULERPA TAXIFOLIA VAR.**

## DISTICHOPHYLLA FROM THE ISKENDERUN BAY, TURKEY

ÇEVİK F., ÇAVAŞ L., ÇEVİK C., Derici O. B., Turkmen G., ALYÜRÜK H., GÜNDOĞDU S.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.8, pp.2867-2876, 2016 (SCI-Expanded)

26. **Discriminant-based bistability analysis of a TMG-induced lac operon model supported with boundedness and local stability results**  
AVCU N., KALAYCI DEMİR G., Pekergin F., ALYÜRÜK H., ÇAVAŞ L., Guzelis C.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.3, pp.719-732, 2016 (SCI-Expanded)
27. **Artificial neural network modeling of diuron and irgarol-based HPLC data and their levels from the seawaters in Izmir, Turkey**  
ÇAVAŞ L., Donut N., Mert N.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.39, no.2, pp.87-95, 2016 (SCI-Expanded)
28. **Determining the bistability parameter ranges of artificially induced lac operon using the root locus method**  
AVCU N., ALYÜRÜK H., KALAYCI DEMİR G., Pekergin F., ÇAVAŞ L., Guzelis C.  
COMPUTERS IN BIOLOGY AND MEDICINE, vol.61, pp.75-91, 2015 (SCI-Expanded)
29. **Sulfation mediates activity of zosteric acid against biofilm formation**  
Kurth C., ÇAVAŞ L., Pohnert G.  
BIOFOULING, vol.31, no.3, pp.253-263, 2015 (SCI-Expanded)
30. **An in silico bioinformatics laboratory manual for bioscience departments: 'prediction of glycosylation sites in phosphoethanolamine transferases'**  
ALYÜRÜK H., ÇAVAŞ L.  
JOURNAL OF BIOLOGICAL EDUCATION, vol.48, no.4, pp.211-230, 2014 (SCI-Expanded)
31. **Caulerpenyne and Related Bis-enol Esters Are Novel-Type Inhibitors of Human 5-Lipoxygenase**  
Richter P., Schubert G., Schaible A. M., ÇAVAŞ L., Werz O., Pohnert G.  
CHEMMEDCHEM, vol.9, no.8, pp.1655-1659, 2014 (SCI-Expanded)
32. **RP-HPLC optimization of econea by using artificial neural networks and its antifouling performance on the Turkish coastline**  
Mert N., Topcam G., ÇAVAŞ L.  
PROGRESS IN ORGANIC COATINGS, vol.77, no.3, pp.627-635, 2014 (SCI-Expanded)
33. **Synthesis of new ibuprofen derivatives with their in silico and in vitro cyclooxygenase-2 inhibitions**  
GÜNDOĞDU HIZLIATEŞ C., ALYÜRÜK H., Gocmenturk M., Ergun Y., ÇAVAŞ L.  
BIOORGANIC CHEMISTRY, vol.52, pp.8-15, 2014 (SCI-Expanded)
34. **Molecular Analysis of the KIT Gene in Gastrointestinal Stromal Tumors With Novel Mutations**  
ÇALIBAŞI KOÇAL G., BAŞBINAR Y., ALYÜRÜK H., ÇAVAŞ L., Öztop I., Sagol Ö., ATİLA K., ELLİDOKUZ H., Yılmaz U.  
APPLIED IMMUNOHISTOCHEMISTRY & MOLECULAR MORPHOLOGY, vol.22, no.1, pp.37-45, 2014 (SCI-Expanded)
35. **A Letter to Editor: On the use of the term "self-polishing" for antifouling paints**  
ÇAVAŞ L., ALYÜRÜK H.  
PROGRESS IN ORGANIC COATINGS, vol.76, no.11, pp.1697-1698, 2013 (SCI-Expanded)
36. **A video tracking based improvement of acute toxicity test on Artemia salina**  
ALYÜRÜK H., KALAYCI DEMİR G., ÇAVAŞ L.  
MARINE AND FRESHWATER BEHAVIOUR AND PHYSIOLOGY, vol.46, no.4, pp.251-266, 2013 (SCI-Expanded)
37. **Protein modelling of a novel KIT mutation (N567Y) in the gastrointestinal stromal tumour**  
Alyürük H., Çalibaşı Koçal G., Çavaş L., Başbınar Y., Öztop İ., Ellidokuz H., Yılmaz U.  
EUROPEAN JOURNAL OF CANCER, vol.49, no.10, pp.2449-2452, 2013 (SCI-Expanded)
38. **Toxicities of diuron and irgarol on the hatchability and early stage development of Artemia salina**  
ALYÜRÜK H., ÇAVAŞ L.  
TURKISH JOURNAL OF BIOLOGY, vol.37, no.2, pp.151-157, 2013 (SCI-Expanded)
39. **Bentonite and sepiolite as supporting media: Immobilization of catalase**  
Cengiz S., ÇAVAŞ L., YURDAKOÇ M. K.

- APPLIED CLAY SCIENCE, pp.114-120, 2012 (SCI-Expanded)
40. **An alternative evaluation method for accumulated dead leaves of *Posidonia oceanica* (L.) Delile on the beaches: removal of uranium from aqueous solutions**  
Aydin M., ÇAVAŞ L., MERDİVAN M.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.293, no.2, pp.489-496, 2012 (SCI-Expanded)
41. **New Mediterranean Biodiversity Records (June 2012)**  
Nicolaidou A., Alongi G., Aydogan O., Catra M., ÇAVAŞ L., Cevik C., Dosi A., Circosta V., Giakoumi S., Gimenez-Casaldueiro F., et al.  
MEDITERRANEAN MARINE SCIENCE, vol.13, no.1, pp.162-174, 2012 (SCI-Expanded)
42. **Seasonal rubisco enzyme activities and caulerpenyne levels in invasive *Caulerpa racemosa* var. *cylindracea* and native *Caulerpa prolifera***  
ÇAVAŞ L., Cengiz S., Karabay Z. A.  
MEDITERRANEAN MARINE SCIENCE, vol.13, no.1, pp.126-133, 2012 (SCI-Expanded)
43. **Macrobenthic assemblages of newly introduced *Caulerpa taxifolia* from the Eastern Mediterranean coast of Turkey**  
ÇEVİK C., ÇAVAŞ L., MAVRUK S., Derici O. B., ÇEVİK F.  
BIOLOGICAL INVASIONS, vol.14, no.3, pp.499-501, 2012 (SCI-Expanded)
44. **Fouling organisms on the rebars and protection by antifouling paint**  
Kandemir E. C., ALYÜRÜK H., ÇAVAŞ L.  
ANTI-CORROSION METHODS AND MATERIALS, vol.59, no.5, pp.215-219, 2012 (SCI-Expanded)
45. **ARTIFICIAL NEURAL NETWORK MODEL FOR BIOSORPTION OF METHYLENE BLUE BY DEAD LEAVES OF POSIDONIA OCEANICA (L.) DELILE**  
Kalaycı Demir G., Dural M. U., Alyürük H., Çavaş L.  
NEURAL NETWORK WORLD, vol.22, no.5, pp.479-494, 2012 (SCI-Expanded)
46. **A second observation of *Dendrodoris fumata* (Ruppell & Leuckart, 1830) from the Mediterranean Sea (Nudibranchia: Dendroborididae)**  
ÇEVİK C., ÇAVAŞ L., Erguden D., TURAN C.  
ZOOLOGY IN THE MIDDLE EAST, vol.56, pp.148-149, 2012 (SCI-Expanded)
47. **Inhibition of xanthine oxidase by Caulerpenyne from *Caulerpa prolifera***  
Cengiz S., ÇAVAŞ L., YURDAKOÇ M. K., AKSU S.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.37, no.4, pp.445-451, 2012 (SCI-Expanded)
48. **New Mediterranean Biodiversity Records (December 2011)**  
Eleftheriou A., Anagnostopoulou-Visilia E., Anastasopoulou E., Ates S. A., Bachari N. E. I., ÇAVAŞ L., Cevik C., Culha M., Cevik F., Delos A., et al.  
MEDITERRANEAN MARINE SCIENCE, vol.12, no.2, pp.491-508, 2011 (SCI-Expanded)
49. **Thomas and artificial neural network models for the fixed-bed adsorption of methylene blue by a beach waste *Posidonia oceanica* (L.) dead leaves**  
Çavaş L., Karabay Z., Alyürük H., Doğan H., Kalaycı Demir G.  
CHEMICAL ENGINEERING JOURNAL, vol.171, no.2, pp.557-562, 2011 (SCI-Expanded)
50. **Biosorption of uranium (VI) and thorium (IV) onto *Ulva gigantea* (Kützinger) bliding: discussion of adsorption isotherms, kinetics and thermodynamic**  
SEYHAN BOZKURT S., Molu Z. B., ÇAVAŞ L., MERDİVAN M.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.288, no.3, pp.867-874, 2011 (SCI-Expanded)
51. **The Sesquiterpene Caulerpenyne from *Caulerpa* spp. is a Lipxygenase Inhibitor**  
Cengiz S., ÇAVAŞ L., YURDAKOÇ M. K., Pohnert G.  
MARINE BIOTECHNOLOGY, vol.13, no.2, pp.321-326, 2011 (SCI-Expanded)
52. **Methylene blue adsorption on activated carbon prepared from *Posidonia oceanica* (L.) dead leaves: Kinetics and equilibrium studies**  
Dural M. U., ÇAVAŞ L., Papageorgiou S. K., Katsaros F. K.  
CHEMICAL ENGINEERING JOURNAL, vol.168, no.1, pp.77-85, 2011 (SCI-Expanded)
53. **Molecular identification of the tropical seagrass *Halophila stipulacea* from Turkey**

- Varela-Alvarez E., Rindi F., ÇAVAŞ L., Serrao E. A., Duarte C. M., Marba N.  
CAHIERS DE BIOLOGIE MARINE, vol.52, no.2, pp.227-232, 2011 (SCI-Expanded)
54. **First record of *Phyllorhiza punctata* von Lendenfeld, 1884 (Scyphozoa: Rhizostomeae: Mastigiidae) from Turkey**  
ÇEVİK C., Derici O. B., ÇEVİK F., ÇAVAŞ L.  
AQUATIC INVASIONS, vol.6, 2011 (SCI-Expanded)
55. ***Caulerpa scalpelliformis* as an antibiotic carrier**  
ÇAVAŞ L., GÖKOĞLU M.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.36, no.2, pp.93-101, 2011 (SCI-Expanded)
56. **The Effects of UV Exposure on the Antioxidant Enzyme Systems of Anemones**  
Caparkaya D., Cengiz S., Dincel B., Demir S., ÇAVAŞ L.  
MEDITERRANEAN MARINE SCIENCE, vol.11, no.2, pp.259-275, 2010 (SCI-Expanded)
57. **A Promising Evaluation Method for Dead Leaves of *Posidonia oceanica* (L.) in the Adsorption of Methyl Violet**  
Cengiz S., ÇAVAŞ L.  
MARINE BIOTECHNOLOGY, vol.12, no.6, pp.728-736, 2010 (SCI-Expanded)
58. **Alpha-amylase inhibition kinetics by caulerpenyne**  
Cengiz S., ÇAVAŞ L., YURDAKOÇ M. K.  
MEDITERRANEAN MARINE SCIENCE, vol.11, no.1, pp.93-103, 2010 (SCI-Expanded)
59. **The Potential of *Caulerpa* spp. for Biotechnological and Pharmacological Applications**  
ÇAVAŞ L., Pohnert G.  
SEAWEEDES AND THEIR ROLE IN GLOBALLY CHANGING ENVIRONMENTS, vol.15, pp.385-396, 2010 (SCI-Expanded)
60. **Sorption of boron by invasive marine seaweed: *Caulerpa racemosa* var. *cylindracea***  
ANT BURSALI E., ÇAVAŞ L., SEKİ Y., SEYHAN BOZKURT S., YURDAKOÇ M.  
CHEMICAL ENGINEERING JOURNAL, vol.150, pp.385-390, 2009 (SCI-Expanded)
61. **Can Hg(II) be Determined via Quenching of the Emission of Green Fluorescent Protein from *Anemonia sulcata* var. *smaragdina*?**  
SEYHAN BOZKURT S., ÇAVAŞ L.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.158, no.1, pp.51-58, 2009 (SCI-Expanded)
62. **Removal of malachite green by using an invasive marine alga *Caulerpa racemosa* var. *cylindracea***  
Bekci Z., SEKİ Y., ÇAVAŞ L.  
JOURNAL OF HAZARDOUS MATERIALS, vol.161, pp.1454-1460, 2009 (SCI-Expanded)
63. **Biosorption of methylene blue by a brown alga *Cystoseira barbatula* Kützing**  
Caparkaya D., ÇAVAŞ L.  
Acta Chimica Slovenica, vol.55, no.3, pp.547-553, 2008 (SCI-Expanded)
64. **A novel application of queueing theory on the Caulerpenyne secreted by invasive *Caulerpa taxifolia* (Vahl) C.Agardh (Ulvophyceae, Caulerpales): a preliminary study**  
Kandemir-Cavas Ç., ÇAVAŞ L., YOKES M. B., Hlynka M., Schell R., YURDAKOÇ M. K.  
MEDITERRANEAN MARINE SCIENCE, vol.9, no.1, pp.67-75, 2008 (SCI-Expanded)
65. **Removal of methylene blue by invasive marine seaweed: *Caulerpa racemosa* var. *cylindracea***  
Cengiz S., ÇAVAŞ L.  
BIORESOURTE TECHNOLOGY, vol.99, no.7, pp.2357-2363, 2008 (SCI-Expanded)
66. **A Low Cost Immobilization Agent From an Invasive Marine Alga: *Caulerpa racemosa* var. *cylindracea* Biomass In Bovine Serum Albumin Immobilization**  
Cengiz S., ÇAVAŞ L., Yurdakoc M. K.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.33, no.2, pp.64-70, 2008 (SCI-Expanded)
67. **Enzyme-based scavengers and lipid peroxidation in some wild edible Agaricales s.l. mushrooms from Mugla (Turkey)**  
Ersel F. Y., ÇAVAŞ L.  
INTERNATIONAL JOURNAL OF MEDICINAL MUSHROOMS, vol.10, no.3, pp.269-277, 2008 (SCI-Expanded)

68. **Biosorption of Methylene Blue by a Brown Alga *Cystoseira barbatula* Kutzing**  
 Caparkaya D., ÇAVAŞ L.  
 ACTA CHIMICA SLOVENICA, vol.55, no.3, pp.547-553, 2008 (SCI-Expanded)
69. **On the occurrence of *Bursatella leachii* de Blainville, 1817 in Izmir Bay, Turkey**  
 Kazak M., ÇAVAŞ L.  
 MEDITERRANEAN MARINE SCIENCE, vol.8, no.2, pp.87-90, 2007 (SCI-Expanded)
70. **First report of *Caulerpa taxifolia* (Bryopsidales, Chlorophyta) on the Levantine coast (Turkey, eastern Mediterranean)**  
 Cevik C., Yokes M. B., ÇAVAŞ L., Erkol L. I., Derici O. B., Verlaque M.  
 ESTUARINE COASTAL AND SHELF SCIENCE, vol.74, no.3, pp.549-556, 2007 (SCI-Expanded)
71. **An application of queueing theory to the relationship between insulin level and number of insulin receptors**  
 Kandemir Çavaş Ç., Çavaş L.  
 TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.32, no.1, pp.32-38, 2007 (SCI-Expanded)
72. **Antiproliferative and newly attributed apoptotic activities from an invasive marine alga: *Caulerpa racemosa* var. *cylindracea***  
 Çavaş L., Başbınar Y., Yurdakoç M. K., Olgun N.  
 JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY, vol.339, no.1, pp.111-119, 2006 (SCI-Expanded)
73. **Possible interactions between antioxidant enzymes and free sialic acids in saliva: A preliminary study on elite judoists**  
 ÇAVAŞ L., Arpinar P., YURDAKOÇ M. K.  
 INTERNATIONAL JOURNAL OF SPORTS MEDICINE, vol.26, no.10, pp.832-835, 2005 (SCI-Expanded)
74. **An investigation on the antioxidant status of the invasive alga *Caulerpa racemosa* var. *cylindracea* (Sonder) Verlaque, Huisman, et Boudouresque (Caulerpales, Chlorophyta)**  
 ÇAVAŞ L., YURDAKOÇ M. K.  
 JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY, vol.325, no.2, pp.189-200, 2005 (SCI-Expanded)
75. **A comparative study: Assessment of the antioxidant system in the invasive green alga *Caulerpa racemosa* and some macrophytes from the Mediterranean**  
 ÇAVAŞ L., YURDAKOÇ M. K.  
 JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY, vol.321, no.1, pp.35-41, 2005 (SCI-Expanded)
76. **Does underwater rugby stimulate the over-production of reactive oxygen species?**  
 ÇAVAŞ L.  
 CELL BIOCHEMISTRY AND FUNCTION, vol.23, no.1, pp.59-63, 2005 (SCI-Expanded)
77. **Antioxidant status of *Lobiger serradifalci* and *Oxynoe olivacea* (Opisthobranchia, Mollusca)**  
 ÇAVAŞ L., YURDAKOÇ M. K., Yokes B.  
 JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY, vol.314, no.2, pp.227-235, 2005 (SCI-Expanded)
78. **Effects of vitamin-mineral supplementation on cardiac marker and radical scavenging enzymes, and MDA levels in young swimmers**  
 ÇAVAŞ L., Tarhan L.  
 INTERNATIONAL JOURNAL OF SPORT NUTRITION AND EXERCISE METABOLISM, vol.14, no.2, pp.133-146, 2004 (SCI-Expanded)
79. **The relationship between total sialic acids levels and antioxidant status in the tadpoles of *Bufo viridis* and *Rana ridibunda***  
 ÇAVAŞ L., Tarhan L.  
 CELL BIOCHEMISTRY AND FUNCTION, vol.21, no.3, pp.257-261, 2003 (SCI-Expanded)
80. **Glutathione redox system, GSH-Px activity and lipid peroxidation (LPO) levels in tadpoles of *R.r.ridibunda* and *B-viridis***  
 ÇAVAŞ L., Tarhan L.  
 CELL BIOCHEMISTRY AND FUNCTION, vol.21, no.1, pp.75-79, 2003 (SCI-Expanded)



## Articles Published in Other Journals

- 1. Investigation of bioactive peptides from *Scolymus hispanicus* by using in silico methods**  
Çavaş L., Doğmaz S., Kandemir Çavaş Ç.  
Bulletin of Biotechnology, vol.5, no.1, pp.11-18, 2024 (Peer-Reviewed Journal)
- 2. Possible inhibitory effects of hoslundal, hoslundin and hoslunddiol on human lactate dehydrogenases: a bioinformatics proof**  
Bilgin Y., Yasiroğlu Y., Çavaş L.  
Eurasian Journal of Biological and Chemical Sciences, vol.6, no.2, pp.52-62, 2023 (Peer-Reviewed Journal)
- 3. Comparison of glutathione peroxidase-1 in free divers with their counterparts: A model study for sports informatics**  
Çavaş L., Cireli E., Ateş O.  
Eurasian Journal of Biological and Chemical Sciences, vol.6, no.2, pp.81-87, 2023 (Peer-Reviewed Journal)
- 4. Identification of Novel Endochitinase Class I Based Allergens**  
ÇAVAŞ L., Yilmaz-abeteska Y.  
ASTIM ALLERJİ IMMUNOLOJİ, 2023 (ESCI)
- 5. Green synthesis of silver nanoparticles through green caviar *Caulerpa lentillifera* and its phytotoxicity on *Allium ascolanicum***  
Kandemir H., ÇAVAŞ L.  
Inorganic and Nano-Metal Chemistry, vol.53, no.6, pp.579-590, 2023 (Scopus)
- 6. Re-visiting lactate dehydrogenase from a different dimension: a model bioinformatics study for wrestling**  
ÇAVAŞ L., Daglioglu O., ÇAVAŞ B.  
Biotech Studies, vol.32, no.1, pp.17-23, 2023 (Scopus)
- 7. Did football players avoid physical interaction in the games after covid-19?**  
İnan T., Çavaş L.  
REVISTA BRASILEIRA DE FUTSAL E FUTEBOL, vol.1, no.1, pp.189-200, 2022 (ESCI)
- 8. Extended North Distribution of *Penicillus capitatus* Lamarck 1813 off the Turkish Shores**  
Çavaş L.  
Acta Aquatica Turcica, vol.18, no.1, pp.121-130, 2022 (Peer-Reviewed Journal)
- 9. Turkish STEM Teachers' Opinions about the Scientist-Teacher-Student Partnership**  
ÇAVAŞ B., ÇAPAR S., ÇAVAŞ L., YAHŞİ Ö.  
Journal of Turkish Science Education, vol.18, no.4, pp.622-637, 2021 (Scopus)
- 10. Bioactivities from Novel Toxins of *Pterois volitans*: A Bioinformatics Approach**  
ÇAVAŞ L., Bilgin Y.  
Gazi University Journal of Science Part A: Engineering and Innovation, 2021 (Peer-Reviewed Journal)
- 11. Can bioactive peptides of *Lagocephalus sceleratus* be evaluated in the functional food industry?**  
ÇAVAŞ L., Bilgin Y., Yılmaz Abeska Y.  
Biotech Studies, vol.29, no.2, pp.77-84, 2020 (Peer-Reviewed Journal)
- 12. Modelling the Dynamic Adsorption of Methyl Violet from Aqueous Solution by *Posidonia oceanica* (L.) Dead Leaves**  
CENGİZ ŞAHİN S., ÇAVAŞ L.  
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.22, no.65, pp.437-445, 2020 (Peer-Reviewed Journal)
- 13. Can soybean lipoxygenases be real models for mammalian lipoxygenases? A bioinformatics approach**  
Cengiz Şahin S., ÇAVAŞ L.  
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.8, no.1, pp.79-102, 2020 (Scopus)
- 14. Evaluation of physical and physiological parameters of the elite underwater rugby players**  
ATEŞ O., ÇAVAŞ L., SAĞIROĞLU İ., GENÇOĞLU C., BEDİZ C. Ş.  
Journal of Human Sciences, vol.14, no.4, pp.3940, 2017 (Peer-Reviewed Journal)

15. **Effects of a sea tide on the biodiversity along Dikili coastline Izmir Turkey**  
Çavaş L., Topçam G., Alyürük H.  
Hacettepe Journal of Biology and Chemistry, vol.41, no.2, pp.125-132, 2013 (Peer-Reviewed Journal)
16. **Antifouling performances and acute toxicities of some eco friendly biocides**  
Alyürük H., Döner E., Zeynelabidin K., Çavaş L.  
Hacettepe Journal of Biology and Chemistry, vol.38, no.4, pp.277-286, 2010 (Peer-Reviewed Journal)
17. **A COMPARATIVE STUDY SKIN FOLDS ESTIMATED PERCENTAGE BODY FAT TOTAL BODY FAT WEIGHT AND FAT FREE BODY MASS IN THE FEMALE AND MALE TURKISH ATHLETES**  
DAĞLIOĞLU Ö., ÇAVAŞ L., HAZAR M., GÜRLER S., YURDAKOÇ M. K.  
e-Journal of New World Sciences Academy, vol.4, no.4, pp.334-340, 2009 (Peer-Reviewed Journal)
18. **Heavy metal contents in Caulerpa racemosa var cylindracea from Turkish coastline**  
ÇAVAŞ L., TÜZMEN M. N., TUNÇMEN H.  
Hacettepe Journal of Biology and Chemistry, vol.37, pp.47-53, 2009 (Peer-Reviewed Journal)
19. **Heavy metals contents in Caulerpa racemosa var cylindracea from Turkish coastline**  
ÇAVAŞ L., TÜZMEN M. N., TUNÇMEN H.  
Hacettepe Journal of Biology and Chemistry, vol.37, no.1, pp.47-53, 2009 (Peer-Reviewed Journal)
20. **The biostimulating effects of invasive Caulerpa racemosa var cylindracea on Vigna sinensis and Phaselus vulgaris Fabaceae**  
Çaparkaya D., ÇAVAŞ L., KESERCİOĞLU T. İ.  
Hacettepe Journal of Biology and Chemistry, vol.37, pp.123-138, 2009 (Peer-Reviewed Journal)
21. **Biyokimyasal Açıdan Apollonun Simgesi Defne**  
ÇAVAŞ L., GÜLBAY O., ERSOY A.  
Ege Üniversitesi Edebiyat Fakültesi, Arkeoloji Dergisi, no.12, pp.41-46, 2008 (Peer-Reviewed Journal)

## Books

1. **Fen Öğretiminde Sanal Laboratuvar Uygulamaları**  
ÇAVAŞ B., ÇAVAŞ L., Ulus G.  
in: 21. YÜZYILDA FEN BİLİMLERİ ÖĞRETİMİ, Çavaş P., Anagün Ş.S., Editor, Anı Yayıncılık, Ankara, pp.189-204, 2021
2. **Industrial Researches on Posidonia oceanica (L.) Delile**  
Çavaş L.  
in: In Proceedings of First International Workshop on Posidonia oceanica (L.) Delile on the Coast of Turkey, Aktan Y., Aysel V., Editor, Turkish Marine Research Foundation, Muğla, pp.160-177, 2013
3. **An eco-friendly bio-stimulator for Zea mays from invasive Caulerpa racemosa var. cylindracea**  
Çavaş L.  
in: First National Workshop on Marine Biotechnology and Genomics, Cemal Turan, Editor, Turkish Marine Research Foundation, Muğla, pp.76-98, 2012
4. **The potential of Caulerpa spp. for biotechnological and pharmacological applications**  
Çavaş L., Pohnert G.  
in: Seaweeds and their role in globally changing environments, Joseph seckbach, rachel einav, alvaro israel, Editor, Springer, London/Berlin , London, pp.385-397, 2010

## Papers Published in Refereed Scientific Meetings

1. **Antifouling Paints: Introduction**  
Çavaş L.  
An Online National Workshop on the Antifouling Paints, İzmir, Turkey, 31 October 2024
2. **Current Eco-Friendly Approaches in Antifouling Paint Tests**  
Yılmaz Abeşka Y., Doğmaz S., Kırkız İ., Çavaş L.

International Symposium on Ballast Water and Biofouling Management in IAS Prevention and Control, Antalya, Turkey, 28 - 30 November 2023, pp.62-63

3. **Bioinformatics Methods in the Development of Antifouling Paint Formulas**  
Çavaş L., Kandemir Çavaş Ç.  
International Symposium on Ballast Water and Biofouling Management in IAS Prevention and Control, Antalya, Turkey, 28 - 30 November 2023
4. **INTERACTION OF ABIETIC ACID WITH BARNACLE CEMENT PROTEIN: AN IN-SILICO ANALYSIS**  
Kırkız İ., Çavaş L.  
2.Uluslararası Fen Bilimlerinde Yeni Ufuklar Kongresi, İstanbul, Turkey, 20 - 21 May 2023, pp.1-2
5. **First amphibalanus amphitrite adhesion strength data on the self-polishing coatings off the Aegean Sea**  
Kırkız İ., Çavaş L.  
ScienceDiver in the Blue Economy Era , Valletta, Malta, 20 - 21 April 2023, pp.1-21
6. **Denizel Atık Materyaller**  
Çavaş L.  
Atıksız Körfez, Dönüşen Gelecek, İzmir, Turkey, 21 December 2022
7. **Reverse vaccinology approach to design a multi-epitope vaccine to combat multi-country monkeypox outbreak in non-endemic countries**  
Cireli E., Çavaş L.  
5th International Eurasian Conference on Biological and Chemical Sciences , Ankara, Turkey, 23 - 25 November 2022, pp.15
8. **Comparison of glutathione peroxidase-1 in free divers with their counterparts: A model study for sports informatics**  
Çavaş L., Cireli E., Ateş O.  
5th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 23 - 25 November 2022, pp.15
9. **Denizel İstilacı Yabancı Türlerin Engellenmesinde Etkin Bir Yöntem: Antifouling Boyalar**  
Çavaş L.  
Denizel İstilacı Yabancı Türlerin Etkileri Bilimsel Konferansı, Antalya, Turkey, 21 - 23 November 2022, pp.1-2
10. **Denizel İstilacı Yabancı Türler ve Biyoteknolojik Önemleri**  
Çavaş L.  
Denizel İstilacı Yabancı Türlerin Etkileri Bilimsel Konferansı, Antalya, Turkey, 21 - 23 November 2022, pp.1-2
11. **Genome Mining by using in silico Tools and Their Reflections in Biotechnology**  
Kırkız İ., Hüseyinova I., Çavaş L.  
Second Bilateral Workshop on Science between DEU and ANAS, İzmir, Turkey, 18 November 2022, pp.23
12. **Synthesis of Silver Nanoparticles via Biomass of Ulva lactuca From İzmir Bay**  
Doğmaz S., Çavaş L.  
INTERNATIONAL SYMPOSIUM SERIES ON GRADUATE RESEARCHES 2022 Life Science Section (Online Symposium), İzmir, Turkey, 4 - 05 November 2022, pp.1-2
13. **Eco-Friendly Antifouling Coatings for Aquaculture Nets**  
Dağ C., Çavaş L.  
2.Uluslararası Lisansüstü Çalışmalar Kongresi, İzmir, Turkey, 8 - 11 June 2022, pp.831
14. **Modifying of Fishing Nets with Microencapsulation Technology for Better Antifouling Performance**  
Sarışık A. M., Çavaş L., Kartal G. E., Uğur Ş. S.  
The Fiber Society's Spring 2022 Conference, Leuven, Belgium, 30 May - 01 June 2022, pp.1-2
15. **Current Solutions and Evaluations on the Antifouling Coatings Used in Aquaculture**  
Dağ C., Çavaş L.  
5th International ICONTECH Congress, Şanlıurfa, Turkey, 5 - 08 February 2022, pp.159-164
16. **Nanomaterials used for personel protective medical equipments**  
Kandemir H., Çavaş L.  
5. INTERNATIONAL ICONTECH SYMPOSIUM, Şanlıurfa, Turkey, 5 - 08 February 2022, pp.122-126

17. **CAULERPIN FROM CAULERPA CYLINDRACEA INHIBITS CELL PROLIFERATION, MIGRATION AND INVASION IN HCT-116 HUMAN COLORECTAL CANCER CELL LINE**  
Mert Özüpek N., Cavaş L., Olgun H. N., Ellidokuz H., Başbınar Y.  
3rd International Cancer and Ion Channels Congress (CANCERION-2021), İstanbul, Turkey, 16 - 18 September 2021, pp.57
18. **An in-silico investigation of the interactions among Caulerpa secondary metabolites and colorectal cancer targets**  
Mert Özüpek N., Cavaş L., Ellidokuz H., Başbınar Y., Olgun H. N.  
EACR 2021 Virtual Congress, 8 - 09 March 2021, pp.1
19. **Congo Red Decolourization by Using Caulerpa prolifera Based Silver Nanoparticles**  
Yılmaz Abeşka Y., ÇAVAŞ L.  
International Eurasian Conference on Biotechnology and Biochemistry (BioTechBioChem 2020), 16 - 18 December 2020, pp.603
20. **Identification of Novel Endochitinase Class I Allergens**  
Yılmaz Abeşka Y., Çavaş L.  
HIBIT-2020, İstanbul, Turkey, 22 - 23 October 2020, pp.1
21. **An Immunoinformatics approach for development of vaccine specific to herpes simplex virus-3**  
Cireli E., ÇAVAŞ L.  
7th BAU Drug Design, 19 - 21 December 2019
22. **Denizel Kökenli Biyoaktif Peptidlerin in silico Tayini.**  
Eker N., ÇAVAŞ L.  
22.Sualtı Bilim ve Teknolojisi Toplantısı, Turkey, 7 - 08 December 2019
23. **CMAS Scientific Committee Meeting Minutes**  
ÖZEN Ş., ÇAVAŞ L.  
CMAS Scientific Committee Meeting, 16 - 18 May 2019
24. **Investigating The Effect Of An Antifouling Paint Applied On Polyamide6.6 Fish Nets**  
ŞEN K., ERDOĞAN Ü. H., ÇAVAŞ L.  
2nd International Congress of Innovative Textiles, ICONTEX2019, Çorlu, Turkey, 17 - 18 April 2019, vol.2, pp.331-335
25. **An in silico approach on the evaluation of effects of doping agents**  
KÜÇÜKPOLAT C., DAĞLIOĞLU Ö., ÇAVAŞ L.  
5. International Sport Sciences, Tourism and Recreation Student Congress, 07-09 May 2018, Manisa/Turkey., 7 - 09 May 2018
26. **Identification of Kiwellin-like proteins in fruits by in silico tools**  
türkmen c., ÇAVAŞ L.  
First Plant Physiology Congress, 10 - 12 May 2018
27. **Possible danger of antifouling biocides in sports organised in aquatic ecosystems.**  
biler s., ÇAVAŞ L.  
5th International Sports Sciences, Tourism and Recreation Congress, 05 May 2018
28. **Diuron ve Irgarolun HPLC tayini ve optimizasyon sürecinin yapay sinir ağlarıyla modellenmesi.**  
ÇAVAŞ L., DONUT N.  
15.Kromatografi Kongresi, Turkey, 8 - 10 April 2015
29. **Antifouling coatings for prevention of biofouling process**  
ÇAVAŞ L.  
International Workshop on Marine Nanocoatings, 02 April 2015
30. **Türk kıyılarındaki deniz hıyarlarının biyoteknolojik önemi.**  
ÇAVAŞ L., MERT N.  
17.Sualtı Bilim ve Teknolojisi Toplantısı, Turkey, 14 - 16 November 2014
31. **Türk kıyılarında toksik biyositler olan diuron ve irgarolun HPLC tayini.**  
ÇAVAŞ L., DONUT N.  
17.Sualtı Bilim ve Teknolojisi Toplantısı, Turkey, 14 - 16 November 2014

32. **Self-polishing percentages of carbonnanotubereinforced rosin**  
Dustebek J., Kandemir Çavaş Ç., Nitodas S., Çavaş L.  
Paintistanbul 2014, İstanbul, Turkey, 22 - 25 October 2014
33. **L,"Effects of carbonnanotubes on the mechanicalstrength of self-polishing antifouling paints**  
Dustebek J., Kandemir Çavaş Ç., Nitodas S., Çavaş L.  
Paintistanbul-2014, İstanbul, Turkey, 22 - 24 October 2014
34. **Kinetic and molecular docking experiments on the inhibition of acetylcholine esterase**  
Alyürük H., Çavaş L.  
International Conference on Applied Informatics for Health and Life Sciences, Aydın, Turkey, 21 - 24 October 2014
35. **In silico determination of bioactive peptides in rubisc/o of invasive Caulerpa racemosa.**  
Agirbasli Z., ÇAVAŞ L.  
International Conference on Applied Informatics for Health and Life Sciences, 21 - 24 October 2014
36. **In Silico Protein Modelling and Predictability of KRAS Mutation on Behavior of Rectosigmoid Cancers**  
Baskın Y., Çalıbaşı G., Dağdeviren Y., Alyürük H., Çavaş L., Canda A. E., Sarıoğlu S., Ellidokuz H., Öztop İ.  
1st Baku International Medical Student Congress for Students and Young Doctors, Baku, Azerbaijan, 2 - 03 May 2014, pp.32
37. **Using In silico Modelling of KIT Mutations for Prediction of Imatinib Responses**  
BASKIN Y., ÇALIBAŞI G., ALYÜRÜK H., ÇAVAŞ L., ÖZTOP İ.  
17th Fritz Bender Foundaton Symposium: Progress Towards Individualized Cancer Treatments, Barcelona, Spain, 7 - 09 November 2013, pp.87-88
38. **RP-HPLC determination of caffeic acid in Zostera noltii from Turkish coastlines**  
Çavaş L., Alyürük H., Topçam G.  
40th CIESM Congress, Marseille, France, 28 October - 01 November 2013
39. **Artificial neural netwrok modelling for self-polishing coatings in marine application.**  
Çavaş L., Karabay Z., Çomak G., Kandemir Çavaş Ç.  
40th CIESM Congress, Paris, France, 28 October - 01 November 2013
40. **Blue Biotechnology: The pharmaceutical potential of Algae from Turkish coastline.**  
ÇAVAŞ L., MERT N.  
Sağlıkta Inovasyon: Üniversitelerden Sanayiye Çalıştayı., Turkey, 16 - 17 May 2013
41. **Kanser Araştırmalarına Yönelik Alternatif Metabolitler: Deniz Hıyarlarından Triterpen Glikozidler**  
Çavaş L., Alyürük H.  
1.İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 29 - 31 March 2012
42. **TMG Uyarımlı Bir Lak Operon Modeli İçin Sınırlılık ve Yerel Kararlılık Analizi**  
Avcu N., Kalaycı Demir G., Pekergin F., Alyürük H., Çavaş L., Güzeliş C.  
Elektrik-Elektronik ve Bilgisayar Mühendisliği Sempozyumu, Bursa, Turkey, 29 November - 01 December 2012
43. **Kişiselleştirilmiş Tıpta Kullanılan Bazı In Silico Araçlar Turkish Journal of Biochemistry 37 Spissue S17 2012**  
ÇALIBAŞI G., ÇAVAŞ L., BASKIN Y., ALYÜRÜK H.  
XXIV. Ulusal Biyokimya Kongresi, KONYA, Eylül 2012, Turkey, 25 - 28 September 2012
44. **Gastrointestinal stromal tümörlerde aktif KIT proteinini stabilize ederek imatinib sağaltımı yanıtlarını etkileyen yeni bir mutasyon (N567Y)**  
ÇALIBAŞI G., BASKIN Y., ALYÜRÜK H., ÇAVAŞ L., ÖZTOP İ., SAĞOL Ö., ELLİDOKUZ H., YILMAZ A. U.  
24.Ulusal Biyokimya Kongresi, Konya, Turkey, 25 - 28 September 2012, vol.37, pp.11
45. **A Novel Mutation (N567Y) Can Affect Imatinib Therapy Response by Stabilization of Active KIT Protein in Gastrointestinal Stromal Tumours**  
Çalıbaşı Koçal G., Basbınar Y., Alyürük H., Çavaş L., Öztop İ., Sağol Ö., Ellidokuz H., Yılmaz A. U.  
24.Ulusal Biyokimya Kongresi, Konya, Turkey, 25 - 28 September 2012, vol.37, no.1, pp.113
46. **Some in silico tools used in personalized medicine**  
Alyürük H., Çalıbaşı Koçal G., Çavaş L., Baskın Y.  
24.Ulusal Biyokimya Kongresi, Konya, Turkey, 25 - 28 September 2012, vol.37, no.1, pp.119
47. **RP-HPLC determination of zosteric acid in Zostera noltii from Turkish coastlines.**

- Çavaş L., Topçam G., Alyürük H.  
21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012
48. **Educational use of molecular dockings in drug design a sample study**  
Alyürük H., Gündoğdu Hızlateş C., Göçmentürk M., Ergün M. Y., Çavaş L.  
Federation of European Biochemical Societies (FEBS) Workshop on Biochemistry and Molecular Biology Education, İzmir, Turkey, 29 - 30 March 2012
49. **Biometric measurements and caulerpenyne levels of *Caulerpa taxifolia* from Iskenderun Bay, Turkey**  
ÇEVİK C., ÇAVAŞ L., Derici O., ÇEVİK F., Gürbüz O.  
46th European Marine Biology Symposium, 12 - 16 September 2011
50. **Can it be possible to use *Caulerpa* spp for treatment of some diseases?**  
CENGİZ ŞAHİN S., ÇAVAŞ L., YURDAKOÇ M. K.  
Annual Meeting of the Society for Medicinal Plant and Natural Product Research, 4 - 09 September 2011
51. **An alternative source of potential inhibitor for gout: *Caulerpa* species**  
Cengiz S., ÇAVAŞ L., Pohnert G., YURDAKOÇ M. K., AKSU S.  
European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22
52. **Can it be possible to use *Caulerpa* species for the treatment of some diseases?**  
Cengiz S., ÇAVAŞ L., YURDAKOÇ M. K.  
59th International Congress and Annual Meeting of the Society-for-Medicinal-Plant-and-Natural-Product-Research, Antalya, Turkey, 4 - 09 September 2011, vol.77, pp.1417
53. **The possible role of bioinformatics for Ph.D. education in biochemistry.**  
Çavaş L., Alyürük H., Tohumoğlu G.  
6th ORPHEUS Conference, İzmir, Turkey, 6 - 07 May 2011
54. **Deniz canlıların membran proteinlerinin topolojileri üzerine bir biyoinformatik araştırma.**  
Çavaş L., Alyürük H., Cengiz Şahin S., Bayraktar M.  
14.Sualtı Bilim ve Teknolojisi Toplantısı, Antalya, Turkey, 6 - 07 November 2010
55. **Deniz bitkisi kökenli sahil atıklarının kolon dolgu materyali olarak değerlendirilmesi**  
Çavaş L., Alyürük H., Karabay Z.  
14.Sualtı Bilim ve Teknolojisi Toplantısı, Antalya, Turkey, 6 - 07 November 2010
56. **Aletli Dalışlar ve Antioksidan Savunma Sistemi**  
ÇAVAŞ L., DAĞLIOĞLU Ö.  
14.Sualtı Bilim ve Teknolojisi Toplantısı, Turkey, 6 - 07 November 2010
57. **Zehirli Boyalar ve yuzeyde incelme testleri.**  
Çavaş L., Alyürük H., Baybogan Z., Karabay Z.  
14.Sualtı Bilim ve Teknolojisi Toplantısı, Antalya, Turkey, 6 - 07 November 2010
58. **Adsorption capacities of marine biomass**  
Dural U., ÇAVAŞ L.  
International Student Conference on Advanced Sciences and Technologies. ICAST 2010. Ege University-Kumamoto University Joint Organisation, 25 May - 26 October 2010
59. ***Caulerpa prolifera* ekstraktlarının phytagel içerisindeki antifouling etkisi**  
Çavaş L., Alyürük H., Döner E., Karabay Z.  
3.Ulusal Polimer Bilim Kongresi ve Sergisi, Kocaeli, Turkey, 12 - 14 May 2010
60. **The determination of oxidative stress biocursors in Turkish Anemones.**  
CENGİZ ŞAHİN S., ÇAVAŞ L.  
39th CIESM Congress, 10 - 14 May 2010
61. **The bio-stimulating effect of invasive *Caulerpa racemosa* var.*cylindracea* on *Oryza sativa***  
ÇAVAŞ L., Dural U., Çaparkaya D., KESERCİOĞLU T. İ.  
39th CIESM Congress, 10 May - 14 October 2010
62. **Effect of invasive *Caulerpa racemosa* var.*cylindracea* on the growth and biochemical constituents of *Zea mays* (L).**  
ÇAVAŞ L., Dural U., Çaparkaya D., KESERCİOĞLU T. İ.  
Workshop on Antioxidant measurement assay methods, 21 April 2010

63. **Yeni bir organik gübre adayı: *Caulerpa racemosa* var.*cyllindracea*.**  
ÇAVAŞ L., DURAL U., ÇAPARKAYA D., KESERCİOĞLU T. İ.  
1.GAP Organik Tarım Kongresi, Tarım ve Köyişleri Bakanlığı, Turkey, 17 - 20 November 2009
64. **Proteinlerde katlanmamış bölgelerin tayinine yönelik geliştirilen biyoinformatik araçlar**  
ÇAVAŞ L., İMER O.  
14.Ulusal Biyomedikal Mühendisliği Sempozyumu, Turkey, 20 - 24 May 2009
65. **On the statistical association between type of amino acid and protein structure in disorder proteins**  
KANDEMİR ÇAVAŞ Ç., ÇAVAŞ L.  
Central-Eastern European Integrated Structural Biology Infrastructure Meeting, 29 March - 01 April 2009
66. **Unusual superoxide dismutases and unstructured regions.**  
ÇAVAŞ L., KANDEMİR ÇAVAŞ Ç., Peter T.  
Central-Eastern European Integrated Structural Biology Infrastructure Meeting, 29 March - 01 April 2009
67. **The Bioinformatics Tools for the Estimation of Disordered Regions in Proteins**  
Imer O., ÇAVAŞ L.  
14th National Biomedical Engineering Meeting, İzmir, Turkey, 20 - 22 May 2009, pp.498-501
68. **On the antioxidant enzyme activities in *Anemonia sulcata* var.*smaragdina* and *Anemonia rustica* from Turkish Coastlines of Aegean Sea**  
ÇAVAŞ L., çaparkaya d.  
International Enzyme Engineering Symposium, 1 - 05 October 2008
69. **Can *Ulva gigantea* (Kützting) Bliding be used as a seaweed fertiliser in the organic agriculture?**  
Çaparkaya D., ÇAVAŞ L.  
International Enzyme Engineering Symposium, 1 - 05 October 2008
70. ***Cystoseira barbatula* KUTZING üzerine sığır serum albumin adsorpsiyonuna ilişkin kinetik ve termodinamik veriler**  
Dural U., Antmen M., ÇAVAŞ L.  
Kromatografi Kongresi, Turkey, 9 - 11 June 2008
71. **Aktif Eğitim Uygulanan Kimya Bölümü Öğrencilerinin Öğrenme Stilleri üzerine bir araştırma**  
ÇAVAŞ L., ÇAVAŞ B.  
V.Aktif Eğitim Kurultayı, Turkey, 7 - 08 June 2008
72. **Terorist yosun *Caulerpa racemosa* var.*cyllindracea*'xxden elde edilen biyokütle ile alizarin sarısı adsorpsiyonu**  
ÇAVAŞ L., BİRLER P., KARAALİ T., ZAYRAK M.  
12.Sualtı Bilim ve Teknolojisi Toplantısı, Turkey, 5 - 06 May 2008
73. ***Padina pavonica* isimli deniz yosunundan elde edilen özütün mısır tohumu büyüme parametreleri ve klorofil-karotenoid düzeyleri üzerine etkileri.**  
ÇAVAŞ L., TOK M., KATAL M., SEMERCİOĞLU F.  
12.Sualtı Bilim ve Teknolojisi Toplantısı, Turkey, 5 - 06 May 2008
74. **Uluslararası Sualtı Ragbisi Kuralları**  
ÇAVAŞ L.  
Türkiye Sualtı Sporları Federasyonu, Aday Hakem Kursu, Turkey, 5 - 09 December 2007
75. **In vitro koşullarda *Caulerpa racemosa* var.*cyllindracea* ekstraktlarının superoksit dismutaz ve glutatyon peroksidaz enzim aktiviteleri üzerine inhibitör etkileri**  
ÇAVAŞ L., CENGİZ ŞAHİN S.  
11.Sualtı Bilim ve Teknolojisi Toplantısı, Turkey, 3 - 04 November 2007
76. ***Caulerpa*'xxların Endüstriyel Kullanımına yönelik araştırmalar**  
ÇAVAŞ L., CENGİZ ŞAHİN S., YURDAKOÇ M. K.  
11.Sualtı Bilim ve Teknolojisi Toplantısı, Turkey, 3 - 04 November 2007
77. ***Caulerpa racemosa* var.*cyllindracea* ve *Dictyota dichotoma*'dan elde edilen sıvı gübrelerin *Phaselus vulgaris* üzerine etkileri**  
Çavaş L., Kandemir Çavaş Ç., Alyürük H.  
11. Sualtı Bilim ve Teknolojisi Toplantısı, İstanbul, Turkey, 3 - 04 November 2007, pp.74-82

78. **Metilen mavisinin *Caulerpa racemosa* var.*cyllindracea* (=terorist yosun) üzerine adsorpsiyonu**  
ÇAVAŞ L., CENGİZ ŞAHİN S.  
III.Ulusal Tekstil Boya ve Kimyasalları Kongresi, Turkey, 7 - 08 December 2006
79. **Yayılımcı Deniz Algi *Caulerpa racemosa* var.*cyllindracea* 'nın endüstriyel kullanımına yönelik bir araştırma**  
ÇAVAŞ L., YURDAKOÇ M. K., CENGİZ ŞAHİN S.  
10.Sualtı Bilim ve Teknolojisi Toplantısı, Turkey, 11 - 12 November 2006
80. ***Caulerpa* ve *caulerpenyne* üzerine yapılan biyokimyasal araştırmalar**  
ÇAVAŞ L.  
10.Sualtı Bilim ve Teknolojisi Toplantısı, Turkey, 11 - 12 November 2006
81. **Immobilization of catalase onto some organic and inorganic carriers**  
ÇAVAŞ L., YURDAKOÇ M. K., CENGİZ ŞAHİN S.  
XIX.Ulusal Kimya Kongresi, Turkey, 30 September - 04 October 2005
82. **Web tabanlı bioinformatik araçları ve PDÖ Senaryoları**  
ÇAVAŞ L.  
II.Aktif Eğitim Kurultayı, Turkey, 3 - 04 June 2006
83. **Introduction to Underwater Rugby: Biochemical basis**  
ÇAVAŞ L.  
Council of International Military Sports Meeting, 24 - 29 November 2005
84. **Biyokimyasal Açıdan Apollon'xxnun Simgesi Defne**  
ÇAVAŞ L., GÜLBAY O., ERSOY A.  
1st International Symposium on The Oracle in Antiquity and The Cults of Apollo in Asia Minor, 17 - 20 August 2005
85. **Biyokimya'da Aktif Eğitime Yönelik bir Program: SPARTAN**  
ÇAVAŞ L., GÖK C.  
II.Aktif Eğitim Kurultayı, Turkey, 2 - 05 June 2005
86. **Sualtı Sporları ve Aktif Eğitim**  
ÇAVAŞ L.  
II.Aktif Eğitim Kurultayı, Turkey, 2 - 05 June 2005
87. **Alterations in Electrolytes of Underwater Rugby Players.**  
ÇAVAŞ L., KANDEMİR ÇAVAŞ Ç., YURDAKOÇ M. K.  
13th International Physical Education and Sports Conference, 20 - 22 May 2005
88. **Akdeniz'de Yayılımcı Özellik Taşıyan *Caulerpa racemosa*'da Hidrojen Peroksit Salgısının Muhtemel Rolü**  
ÇAVAŞ L., YURDAKOÇ M. K.  
Sualtı Bilim ve Teknolojisi Toplantısı, Turkey, 26 November 2004 - 28 November 2004
89. **A statistical investigation on the injuries observed in Underwater Rugby**  
ÇAVAŞ L., KANDEMİR ÇAVAŞ Ç., DAĞLIOĞLU Ö.  
SBD 8.International Sports Sciences Conference, 17 - 20 November 2004
90. **Effects of Underwater Rugby on the Plasma Concentrations of Urea, Uric acid, Creatinine, Albumin, Globulin and Bilirubin levels**  
ÇAVAŞ L., ÇAVAŞ B., YURDAKOÇ M. K.  
12.International Conference on Physical Education and Sports, 21 May - 23 April 2004
91. **A Comparative Study: Skin Folds, Estimated Percentage Body Fat, Total Body Fat Weight And Fat-Free Body Mass In The Female And Male Turkish Athletes**  
ÇAVAŞ L., DAĞLIOĞLU Ö., HAZAR M., GÜRLER S., ÇAVAŞ B., YURDAKOÇ M. K.  
13th Balkan Sports Medicine Congress, 29 April - 02 May 2004
92. **Akdeniz'deki Katil ve Terorist Yosunlara Biyokimyasal Bir Yaklaşım**  
ÇAVAŞ L., YURDAKOÇ M. K.  
VI.Sualtı Şurası, Turkey, 10 - 11 April 2004
93. **Web Based Science Teacher Training: FEDS Approach**  
ÇAVAŞ B., KIŞLA T., ÇAVAŞ L., KESERCİOĞLU T. İ.



Second International Conference on Multimedia and Information Communication Technologies in Education, 3 - 06 December 2003

94. **Effects of underwater rugby on the activities of some serum marker enzymes**  
ÇAVAŞ L., ÇAVAŞ B., YURDAKOÇ M. K.  
12th Exercise Biochemistry Conference, 13 - 16 July 2003
95. **Differences in Tissue Antioxidant Status and Lipid Peroxidation Levels in Some Adult Amphibian Species**  
ÇAVAŞ L., TARHAN L.  
". Graduation Ceremony of Graduate School of Natural and Applied Sciences., Turkey, 17 September 2002
96. **Hücrede Canlılık Olaylarının Yönetimi Nasıl Sağlanır**  
ÇAVAŞ L., TARHAN L., Asan R.  
V.Ulusal Fen ve Matematik Eğitimi Kongresi, Turkey, 16 - 18 September 2002
97. **An Investigation on antioxidant enzymes and lipid peroxidation levels depending on growing period in Rana ridibunda ridibunda**  
ÇAVAŞ L., TARHAN L.  
Comparative Developmental Biology Conference, 17 - 23 April 2001
98. **An Investigation on antioxidant enzymes and lipid peroxidation levels depending on growing period in Bufo viridis**  
ÇAVAŞ L., TARHAN L.  
First International Biosciences Days, 23 - 25 October 2000
99. **An Investigations On Swimming Course Which Given To Young Children In Summer School.**  
ÇAVAŞ B., ÇAVAŞ L.  
Swimming and Waterpolo Symposium, Turkey, 11 - 12 November 1999
100. **Teaching The Systematic Of Plants Course Using Computer**  
KESERCİOĞLU T. İ., ÇAVAŞ B., ÇAVAŞ L.  
I. International Information Technology Symposium, 14 - 16 October 1999
101. **A Research on Demonstrating The Structure of 3D Amino acid Using Computer Simulations**  
ÇAVAŞ L., ÇAVAŞ B.  
I. International Information Technology Symposium, 14 - 16 October 1999
102. **Yeniden yapılandırılan Eğitim Fakültelerinde web sayfalarından beklentiler**  
ÇAVAŞ L., TARHAN L., ÇAVAŞ B.  
I. International Information Technology Symposium, 14 - 16 October 1999

## Other Publications

1. **Secondary Metabolites from Caulerpa Cylindracea (Sonder) Could Be Alternative Natural Antiviral Compounds for COVID-19: A Further in Silico Proof**  
Çavaş L., Dağ C., Carmena-Bargueño M., Martínez-Cortés C., Perez Sanchez H.  
Other, pp.1-31, 2020

## Visual Activities

Çavaş L., Eine Dokumentation von Claudia Mützelfeldt, Documentary, 2007 - 2007

## Academic and Administrative Experience

---

	<b>Member of Strategic</b>	
2024 - Continues	<b>Planning Coordination</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
	<b>Group</b>	

---

---

2023 - Continues	<b>BAP Scientific Commissioner</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2022 - Continues	<b>Head of Department</b>	Dokuz Eylul University, Fen Bilimleri Enstitüsü
2021 - Continues	<b>Bölüm Kalite Komisyonu Başkanı</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2021 - Continues	<b>Birim Kalite Komisyonu Üyesi</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2020 - Continues	<b>Rectorate Commissioner</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2005 - Continues	<b>Anabilim Dalı Akademik Kurul Üyesi</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2019 - 2022	<b>Head of Department</b>	Dokuz Eylul University, Fen Bilimleri Enstitüsü
2019 - 2021	<b>Head of International Office</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2019 - 2021	<b>Erasmus Program Institutional Coordinator</b>	Dokuz Eylul University
2019 - 2020	<b>Mevlana Exchange Program Institutional Coordinator</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2019 - 2020	<b>Farabi Program Institutional Coordinator</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2016 - 2019	<b>Fakülte Kurulu Üyesi</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2016 - 2019	<b>Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2015 - 2018	<b>Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2016 - 2017	<b>Deputy Head of Department</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2015 - 2017	<b>BAP Koordinatör Yardımcısı</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2013 - 2016	<b>Enstitü Yönetim Kurulu Üyesi</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü
2013 - 2014	<b>Fakülte Yönetim Kurulu Üyesi</b>	Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü

---

---

2010 - 2013

**Uygulama ve Araştırma**  
**Merkezi Yönetim Kurulu**  
**Üyesi**

---

Dokuz Eylül University, Fen Fakültesi, Kimya Bölümü

## Courses

### Doctorate

PhD Research, Doctorate, 2023 - 2024, 2019 - 2020, 2012 - 2013

Thesis, Doctorate, 2023 - 2024

Ph.D. Research, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Preparing Project Proposal, Doctorate, 2016 - 2017

### Postgraduate

Bioinformatics, Postgraduate, 2023 - 2024, 2020 - 2021

MSC Thesis, Postgraduate, 2023 - 2024

M.Sc. Seminar, Postgraduate, 2023 - 2024, 2010 - 2011, 2008 - 2009

Biyoteknolojide Temel Biyokimyasal Kavramlar, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

M.Sc. Research, Postgraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011

M.Sc. Research, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Biochemistry and Biotechnology of Macroalgae , Postgraduate, 2018 - 2019

Antifouling Biocides and Paints, Postgraduate, 2017 - 2018

Makroalg Biyokimyası ve Biyoteknolojisi , Postgraduate, 2012 - 2013, 2009 - 2010

### Undergraduate

Chemistry II, Undergraduate, 2023 - 2024

Bitirme Projesi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Biyokimya I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2018 - 2019, 2016 - 2017

Biyokimya Laboratuvarı I, Undergraduate, 2023 - 2024, 2022 - 2023, 2014 - 2015

Biyokimya II, Undergraduate, 2021 - 2022

Introduction to Bioinformatics, Undergraduate, 2021 - 2022, 2017 - 2018, 2016 - 2017, 2015 - 2016

Chemistry II, Undergraduate, 2021 - 2022, 2020 - 2021

Chemistry I, Undergraduate, 2021 - 2022, 2020 - 2021, 2011 - 2012

Chemistry Laboratory, Undergraduate, 2020 - 2021

Biyokimya, Undergraduate, 2020 - 2021

Food Biochemistry and Biotechnology, Undergraduate, 2020 - 2021, 2019 - 2020

Chemistry II, Undergraduate, 2019 - 2020, 2018 - 2019

Biyokimya Laboratuvarı II, Undergraduate, 2018 - 2019

Chemistry I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Chemistry II, Undergraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2012 - 2013

Chemistry Laboratory, Undergraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2012 - 2013

KİMYA II, Undergraduate, 2016 - 2017

Chemistry I, Undergraduate, 2015 - 2016

Kimya II, Undergraduate, 2013 - 2014, 2012 - 2013, 2010 - 2011

KİMYA, Undergraduate, 2014 - 2015, 2013 - 2014

Kimya Laboratuvarı, Undergraduate, 2013 - 2014, 2012 - 2013

Biyokimya I, Undergraduate, 2014 - 2015, 2013 - 2014

Biyokimya Laboratuvarı II, Undergraduate, 2013 - 2014

Biyokimya II, Undergraduate, 2012 - 2013  
Biyokimya I, Undergraduate, 2013 - 2014  
Chemistry I, Undergraduate, 2012 - 2013  
Biyokimya Laboratuvarı III, Undergraduate, 2012 - 2013  
Kimya I, Undergraduate, 2012 - 2013  
Kimyada Teknik İngilizce II, Undergraduate, 2011 - 2012  
Biyoinformatik, Undergraduate, 2010 - 2011  
KİMYA, Undergraduate, 2011 - 2012  
KİMYA II, Undergraduate, 2009 - 2010  
Antifouling Biyosit ve Boyalar, Undergraduate, 2010 - 2011

## Supervised Theses

Çavaş L., Biohydrogen production via *Ulva lactuca*, Postgraduate, S.Doğmaz(Student), Continues  
ÇAVAŞ L., Development of laboratory tests on performances of antifouling paints, Postgraduate, İ.KIRKIZ(Student), 2023  
Çavaş L., Antifouling boya teknolojisinde in-siliko modeller, Postgraduate, C.DAĞ(Student), 2022  
Çavaş L., Doğal liflerle güçlendirilmiş kendi yüzeyini temizleyen boyaların hazırlanması ve antifouling performanslarının değerlendirilmesi, Postgraduate, G.SAFAROV(Student), 2021  
ÇAVAŞ L., *Caulerpa* türleri kullanılarak gümüş nanopartiküllerin yeşil sentezi, Postgraduate, Y.YILMAZ(Student), 2019  
ÇAVAŞ L., Biyoaktif ve alerjen proteinlerin in silico araçlarla tanımlanması, Postgraduate, C.TÜRKMEN(Student), 2019  
ÇAVAŞ L., *Caulerpa* türlerinden *caulerpinin* *Sarpa salpa*'ya geçişi, Postgraduate, S.TURHAN(Student), 2018  
ÇAVAŞ L., Development of antibiotic carriers by materials based marine wastes, Postgraduate, N.DONUT(Student), 2015  
ÇAVAŞ L., Bioinformatics applications in food biotechnology, Postgraduate, Z.AĞIRBAŞLI(Student), 2015  
ÇAVAŞ L., Türk kıyılarındaki deniz hıyarlarından biyo-endüstriyel aktif ajanlar, Postgraduate, N.MERT(Student), 2014  
ÇAVAŞ L., HPLC determination of codeine and modelling of its optimisation process by artificial neural network, Postgraduate, O.İMER(Student), 2014  
ÇAVAŞ L., *Zostera noltii* ölü yapraklarında zosterik asit düzeylerinin sezonal değişimi, Postgraduate, G.TOPÇAM(Student), 2013  
ÇAVAŞ L., *Caulerpa Racemosa* ekstraktındaki bitki büyüme düzenleyicilerinin aydınlatılması, Postgraduate, E.MELİS(Student), 2012  
ÇAVAŞ L., Deniz bitkilerinden elde edilen çevre dostu sekonder metabolit kokteyllerinin antifouling performansları, Postgraduate, H.ALYÜRÜK(Student), 2012  
ÇAVAŞ L., Bazı çevre dostu biyositlerin antifouling performansı, Postgraduate, Z.KARABAY(Student), 2011  
ÇAVAŞ L., *Posidonia oceanica* (L.) ölü yapraklarından aktif karbon eldesi ve karakterizasyonu, Postgraduate, M.ULAŞ(Student), 2010  
ÇAVAŞ L., Production of liquid seaweed fertiliser from *Caulerpa racemosa* var. *cylindracea* and its biochemical effects on the commercial seeds, Postgraduate, D.ÇAPARKAYA(Student), 2009

## Patent

Çavaş L., ANTIFOULING BOYA TEKNOLOJİSİNDE IN-SILICO TEKNİKLER, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2022/021362 , Standard Registration, 2024  
Kartal G. E., Çavaş L., Sarıışık A. M., BALIK AĞLARINA ANTİFOULİNG ÖZELLİK KAZANDIRILMASINDA KAPSÜL TEKNOLOJİSİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2021 004803 , Standard Registration, 2022

## Activities in Scientific Journals

Smyrna Journal of Natural and Data Sciences, First Editor, 2024 - Continues

## Memberships / Tasks in Scientific Organizations

CMAS, Chairman, 2023 - Continues, Italy

CMAS, Member of Science Committee, 2021 - Continues, Italy

Underwater Rugby Commission, Member, 2021 - 2023, Italy

Underwater Rugby Commission, Chairman of the Scientific Committee, 2017 - 2021, Italy

CMAS, Member, 2013 - 2017, Italy

## Peer Reviews in Scientific Publications

Journal of the Black Sea / Mediterranean Environment, Other Indexed Journal, January 2023

MARINE DRUGS, SCI Journal, August 2022

PROGRESS IN ORGANIC COATINGS, SCI Journal, July 2022

## Scientific Project Refereeing

Project Supported by Other Official Institutions, September 2024

Project Supported by Other Official Institutions, August 2024

Project Supported by Other Official Institutions, August 2024

Project Supported by Higher Education Institutions, BAP Research Project, August 2022

Project Supported by Higher Education Institutions, BAP Research Project, July 2022

Project Supported by Higher Education Institutions, BAP Research Project, April 2022

## Scientific Consultations

WEROVER, Project Consultancy, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, Turkey, 2022 - 2024

## Tasks In Event Organizations

Somay Altaş A. M., Köseoğlu B., Çavaş L., 3rd INTERNATIONAL SYMPOSIUM ON GRADUATE RESEARCH 2024, Scientific Congress, Turkey, Aralık 2024

Çavaş L., 3rd DEU-ANAS Workshop, Workshop Organization, Turkey, Aralık 2024

Çavaş L., CMAS Sport Directors Meeting, Sportive Activities, Turkey, Kasım 2024

Çavaş L., CMAS 13th Open European Underwater Rugby Championships for Juniors, Sportive Activities, Athens, Greece, Kasım 2024

Çavaş L., 12th CMAS Underwater Rugby World Championships , Sportive Activities, Turkey, Temmuz 2023

Çavaş L., 2nd DEU-ANAS Workshop, Workshop Organization, İzmir, Turkey, Kasım 2022

Soysal Y., Çavdar Z., Çavaş L., Altun Z. S., Fıstıkoğlu O., Çağlayan A. O., International Symposium Series on Graduate Researches 2022, Scientific Congress, İzmir, Turkey, Kasım 2022

Çavaş L., DEUISSGR, Scientific Congress, İzmir, Turkey, Kasım 2022

Çavaş L., The International Conference on "Biodiversity, land and water resources of Shusha and surrounding areas: a vision for the future", Scientific Congress, Azerbaijan, Eylül 2022

Çavaş L., 1st DEU-ANAS Workshop, Workshop Organization, İzmir, Turkey, Kasım 2021

Çavaş L., CMAS UWR World Championships, Sportive Activities, Graz, Austria, Temmuz 2019

Çavaş L., CMAS UWR World Championships for Juniors, Sportive Activities, Oberhausen, Germany, Kasım 2018

Çavaş L., CMAS UWR European Championships, Sportive Activities, Helsinki, Finland, Haziran 2017

Çavaş L., CMAS Open European Championships for Juniors, Sportive Activities, Sandefjord, Norway, Kasım 2016

## Metrics

Publication: 236

Citation (WoS): 1684

Citation (Scopus): 1822

H-Index (WoS): 20

H-Index (Scopus): 22

## Congress and Symposium Activities

HIBIT'2020 Conference, Attendee, İstanbul, Turkey, 2020

2nd International Agricultural, Biological and Life Science Conference, Attendee, Edirne, Turkey, 2020

12th International Symposium on Underwater Research, Attendee, Antalya, Turkey, 2020

12th International Symposium on Underwater Research, Attendee, Antalya, Turkey, 2020

7th International BAU Drug Design Conference, Attendee, İstanbul, Turkey, 2019

ICONTEX-2019, Attendee, Tekirdağ, Turkey, 2019

First Plant Physiology Congress, Attendee, Konya, Turkey, 2018

5th International Sports Sciences, Tourism and Recreation Congress, Attendee, Manisa, Turkey, 2018

5th International Sports Sciences, Tourism and Recreation Congress, Attendee, Manisa, Turkey, 2018

CMAS General Assembly, Attendee, Phuket, Thailand, 2018

CMAS-Sport Committee Meeting, Attendee, Rome, Italy, 2017

II.Workshop on Invasive Species, Invited Speaker, Muğla, Turkey, 2017

1st International Congress on Medicinal and Aromatic Plants, Attendee, Konya, Turkey, 2017

World Underwater Federation (CMAS) General Assembly, Attendee, Rome, Italy, 2017

CMAS Academy, Attendee, Antalya, Turkey, 2017

## Research Areas

Biochemistry, Bioinformatics, Biotechnology, Biochemistry