

## CV

**Name-surname:** Emrah CAYLAK

**Position:** Assist. Prof Dr

**Institution:** Girne American University, Faculty of Medicine,  
Department of Biochemistry

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**Date of Birth and Place:** 21.04.1977-Denizli / Turkey



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Educational Status and Academic Career				
University	Faculty/Institute	Department	Degree	Year
Firat University	Veterinary Faculty		Bachelor/ Master 2nd GRADUATION	1995-2000
Firat University	School of Medicine	School of Medicine <b>Biochemistry</b>	PhD	2000-2006

**Doctorate theses:**

Investigation of the antioxidative effects of some sulfur compounds on various tissues of rats induced oxidative stress with lead acetate

**Thesis advisor:** Prof. Dr. İhsan Halifeoğlu

**ACADEMIC/RESEARCH AREAS OF INTEREST:** Antioxidants, oxidative stress, Beryllium, Lead and environmental polluting metals, Hyaluronon and pulmonary arterial hypertension (PAH), Obesity (leptin and ghrelin Hormones), Thyroid, eye, liver and prostate diseases; (PSA and hK2-prostate tumor marker), Learning disabilities in Children (Dyslexia, ADHD, SLI), Sleep and sleep disorders.

### SCIENTIFIC PUBLICATIONS AND ACTIVITIES

#### I. ARTICLES

**I.1. FULL-TEXT ARTICLES PUBLISHED IN JOURNALS SCANNED BY INDEXED SUCH AS SCI, SSCI, SCI-E \* 801 Citations Retrieved from [www.scopus.com](http://www.scopus.com)**

1. Nur G, **Caylak E**, Aksu Kilicle P, Sandayuk S, Onen Celebi O. Immunohistochemical Distribution of Bcl-2 and p53 Apoptotic Markers in Acetamiprid-Induced Nephrotoxicity. Open Medicine, 2022, in press.
2. **Caylak E**. The evaluation of oxidant/antioxidant status in Brucella patients treated with two type of antibiotic combination. Ann Clin Anal Med 2022;13(5):583-587.
3. **Caylak E**. IFN- $\gamma$ , IL-10, ghrelin and nesfatin-1 levels in acute brucella patients. Ann Clin Anal Med 2022;13(7):716-720.
4. **Caylak E**. Ghrelin and nesfatin-1 levels and the relationship with fertility hormones in obese

women. Ann Clin Anal Med 2022;13(8):836-840.

5. **Caylak E**, Halifeoglu I. The effects of lead on antioxidants enzymes in children and the therapeutic/prophylactic role of antioxidants [Kurşunun çocuklardaki antioksidan enzimler üzerine etkileri ve antioksidanların tedavi edici/koruyucu rolü]. Çocuk Sağlığı ve Hastalıkları Dergisi, 2010; 53(2): 159-173.
6. Aytekin M, **Caylak E**. Pulmonary Arterial Hypertension: Past, Present and Future [Pulmoner Arteriyel Hipertansiyon: Dünü, Bugünü ve İlerisi]. Journal of Tuberculosis and Thorax, 2010; 58(1): 100-107.
7. **Caylak E**. The genetics of sleep disorders in humans: Narcolepsy, restless legs syndrome, and obstructive sleep apnea syndrome. American Journal of Medical Genetics, Part A, 2009; 149A(11):2612-2626.
8. Aytekin M, **Caylak E**. Hyaluronan and the importance of hyaluronan in diagnosis and treatment [Hyalüronan, tanı ve tedavideki önemi]. Journal of Tuberculosis and Thorax, 2009; 57(3): 356-364.
9. **Caylak E**. Neurobiological approaches on brains of children with dyslexia: review. Academic Radiology, 2009; 16(8):1003-1024.
10. **Caylak E**, Aytekin M, Halifeoglu I. Antioxidant effects of methionine,  $\alpha$ -lipoic acid, N-acetylcysteine and homocysteine on lead-induced oxidative stress to erythrocytes in rats. Experimental and Toxicologic Pathology, 2008; 60(4-5):289-294.
11. **Caylak E**, Halifeoglu I, Aydın S, Telo S, Bulmus O, Celik H. The effects of sulfur-containing compounds on total antioxidant capacity levels of liver, kidney and brain in lead-exposed rats. Türkiye Klinikleri Journal of Medical Sciences, 2007; 27(6): 823-828.
12. **Caylak E**. A review of association and linkage studies for genetical analyses of learning disorders. American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics, 2007, 144B: 923-943.
13. **Caylak E**, Halifeoglu I. Effects of sulfur-containing antioxidants on malondialdehyde and catalase levels of liver, kidney and brain in lead-exposed rats [Sülfür içeren antioksidanların kurşuna maruz kalmış ratlarda karaciğer, böbrek ve beyin MDA ve katalaz düzeylerine antioksidan etkileri]. Türkiye Klinikleri Journal of Medical Sciences, 2007; 27(1): 1-8.
14. Aydın S, Ozkan Y, **Caylak E**, Aydın S. Ghrelin and its biochemical functions: Review [Ghrelin ve biyokimyasal fonksiyonları]. Türkiye Klinikleri Journal of Medical Sciences, 2006; 26(3): 272-283.
15. Aydın S, Halifeoglu I, Ozercan IH, Erman F, Kilic N, Aydın S, İlhan N, İlhan N, Ozkan Y, Akpolat N, Sert L, **Caylak E**. A comparison of leptin and ghrelin levels in plasma and saliva of young healthy subjects. Peptides, 2005; 26(4): 647-625.
16. **Caylak E**. The auditory temporal processing deficit theory in children with developmental dyslexia. Journal of Pediatric Neurology, 9: 151-168, 2011.
17. **Caylak E**. The biochemical and cognitive explanation of developmental dyslexia. Journal of Pediatric Biochemistry, 2010/2011; 1(3): 239-268. DOI: [10.3233/JPB-2010-0020](https://doi.org/10.3233/JPB-2010-0020)
18. **Caylak E**, Tokar M. Metallic and microbial contaminants in drinking water of Cankiri, Turkey. E-Journal of Chemistry, Volume 9 (2012), Issue 2, Pages 608-614. DOI: [10.1155/2012/720317](https://doi.org/10.1155/2012/720317)
19. **Caylak E**. Health Risk Assessment for Arsenic in Water Sources of Cankiri Province of Turkey. CLEAN - Soil, Air, Water, Volume 40, Issue 7, July 2012, Pages: 728-734. DOI: [10.1002/clen.201100439](https://doi.org/10.1002/clen.201100439)
20. **Caylak E**, Tokar M. Investigating Chemical and Microbiological Contaminants in Drinking Water in regions of Cankiri, Turkey. Environmental Earth Sciences, Volume 67, Issue 7 (2012), Page 2015-2025. DOI: [10.1007/s12665-012-1641-z](https://doi.org/10.1007/s12665-012-1641-z)
21. **Caylak E**. Health Risk Assessment for Trace Metals, Polycyclic Aromatic Hydrocarbons and Trihalomethanes in Drinking Water of Cankiri, Turkey. E-Journal of Chemistry, Volume 9 (2012), Issue 4, Pages 1976-1991. DOI: [10.1155/2012/172135](https://doi.org/10.1155/2012/172135)

22. **Caylak E.** Biochemical and genetic analyses of childhood attention deficit/hyperactivity disorder. Am J Med Genet B Neuropsychiatr Genet. 2012 Sep;159B(6):613-27. DOI: 10.1002/ajmg.b.32077

**1.2. ARTICLES PUBLISHED IN JOURNALS SCANNED BY INDEXED OTHER THAN SCI, SCI-EXPANDED, SSCI, AND AHCI 8 Citations Retrieved from [www.scopus.com](http://www.scopus.com)**

1. **Caylak E.** The Studies about Phonological Deficit Theory in Children with Developmental Dyslexia: Review. American Journal of Neuroscience, 2010; 1 (1): 1-12.
2. Alkaabi A, **Caylak E**, Yazgan YK, Al-Juboor AK. Assessment of psychological stress in emergency nurses: a descriptive study. Archives of Medical Science - Civilization Diseases. 2022;7(1):37-43. doi:10.5114/amscd.2022.121209.
3. **Caylak E.** Quality and Health Risk Assessment in Drinking Water of Cankiri, Turkey. Pollution and Effects on Community Health, 1(1);1-13. DOI: 10.0810/ JPECH.2022/0001.

**2. BOOKS (excluding books produced from Master's and Doctorate theses)**

**2.1. Authorship of chapters or units in books abroad in the field: 3 Atif Retrieved from [www.scopus.com](http://www.scopus.com)**

1. **Caylak E.** (2022) Drinking water related health risks. In: Müfit Bahadır and Andreas Haarstrick (eds.) Water and Wastewater Management , in press.
2. **Caylak E.** (2023) Familial and Genetic Factors. In: Kushida C.A. (ed.) The Encyclopedia of Sleep, Vol. 4, pp. 179-183. Waltham, MA: Academic Press. 2nd Edition - January 16, 2023 ISBN: 9780128229637
3. **Caylak E.** (June 2011) Molecular Genetics of Sleep Disorders. In: eLS. John Wiley & Sons, Ltd: Chichester. DOI: 10.1002/9780470015902.a0022434 INVITED REVIEW... Cited: 1
4. **Caylak E** (July 2011) Biological/Biochemical Features and Molecular Genetics of Specific Language Impairment (SLI). In: eLS. John Wiley & Sons, Ltd: Chichester. DOI: 10.1002/9780470015902.a0023688 INVITED REVIEW...Cited: 1
5. **Caylak E.** (August 2011) Biochemistry and Molecular Genetics of Speech-Sound Disorder and Dyspraxia. In: Encyclopedia of Life Sciences, John Wiley & Sons, Ltd: Chichester. INVITED REVIEW...Cited: 1
6. **Caylak E.** (June 2012) Obesity and Appetite Hormones in Humans: an Overview. In: eLS. John Wiley & Sons, Ltd: Chichester. DOI: 10.1002/9780470015902.a0024163 INVITED REVIEW...
7. **Caylak E.** (July 2012) Ghrelin Appetite Hormone in Health and Disease. In: eLS. John Wiley & Sons, Ltd: Chichester. DOI: 10.1002/9780470015902.a0024164 INVITED REVIEW...
8. **Caylak E.** (July 2012) Anorexigenic Peptides in Health and Disease. In: eLS. John Wiley & Sons, Ltd: Chichester. DOI: 10.1002/9780470015902.a0024165 INVITED REVIEW...
9. **Caylak E.** (August 2012) Obesity Hormones in Health and Disease. In: eLS. John Wiley & Sons, Ltd: Chichester. DOI: 10.1002/9780470015902.a0024166 INVITED REVIEW...

**3.TURKISH FULL-TEXT RESEARCH ARTICLES PUBLISHED IN DOMESTIC REFEREED JOURNALS 1 Atif Retrieved from [www.scopus.com](http://www.scopus.com)**

1. Caylak E. Demir eksikliği anemisi: tedavinin oksidatif stres ile ghrelin ve nesfatin-1 düzeylerine etkileri. Fırat Üniversitesi Sağlık Bilimleri Tıp Dergisi, 2022; 36 (1): 60 - 64.
2. **Caylak E**, Aytekin M. An industrial risk: Beryllium [Endüstriyel bir risk: Berilyum]. [Klinik ve Deneysel Araştırmalar Dergisi], J Clin Exp Invest 2012; 3(1); 141-148.
3. **Caylak E.** Hayvan ve bitkilerde oksidatif stres ile antioksidanlar (Oxidative stress and antioxidants in the animals and the plants). Tıp Araştırmaları Dergisi, 2011; 9 (1): 73-83.
4. **Caylak E.** Çocukları iş ortamı ve çevrelerinde bekleyen büyük tehdit: Kurşun. İş Sağlığı ve Güvenliği Dergisi, 2010; 45: 42-47.

5. **Caylak E.** Çocuklarda kurşun zehirlenmesi, oksidatif stres ve tiyol bileşiklerin antioksidan etkisi. Çocuk Dergisi (Logos), 2010; 10(1): 13-23.
6. Aral İ, Halifeoğlu İ, Aydın S, **Caylak E**, Aral M. Elazığ civarına ait tiroid seviyelerinin normal aralığı. Optimal Tıp Dergisi, 2002; 15(2): 46-50.
7. **Caylak E**, Kılıç N, Kılıç SS, Aydın S, Aral İ, Erman F, Halifeoğlu İ. Kronik hepatit B'li hastalarda CD3/CD4, CD4/CD8, CD3/CD8 oranları. Klinik Laboratuvar Araştırma Dergisi, 2003; 7(4): 99-102.
8. Canatan H, Halifeoğlu İ, **Caylak E**. Prostat hastalıklarının tanısında yeni bir tümör belirleyici: hK2. Klinik Laboratuvar Araştırma Dergisi, 2004; 8(2): 61-68.
9. Aydın S, **Caylak E**, Yıldırım S, Erman F, Kılıç N, Kabakuş N. Retinoblastom yatkınlık geni ve retinoblastom. Türkiye Klinikleri J Med Sci 2004, 24: 173-177. **Cited: 1**
10. Aydın S, Geçkil H, **Caylak E**, Kılıç N. Mikroorganizmaların kanser tedavisinde kullanımı. Fırat Tıp Dergisi 2004; 9(2): 30-34.

#### 4. EDITORSHIP AND REFEREEING

##### 4.1. Editorial and Editorial Board Member in Scientific Journals

###### 4.1.1. International Refereed Journals

- a. Open Medicine De Gruyter (Science Citation Index Expanded), 2022.
- b. JOURNAL OF PEDIATRIC BIOCHEMISTRY-Assistant Editor
- c. World Journal of Medical Genetics (WJMG)- Editorial Board, 2011-2022.
- d. Journal of Clinical and Experimental Investigations, 2011-2022

#### 5. REFEREEING IN SCIENTIFIC JOURNALS

##### 5.1. In journals in SCI, SCI-Expanded, SSCI, AHCI

1. "Association of ADHD and the Protogenin Gene in the Chromosome 15q21.3 Reading Disabilities Linkage Region". Genes, Brain and Behavior, 2008.
2. "Influence of Minerals on the Lead-induced Alterations in Liver Function in Rats Exposed to Long-term Lead Exposure". Journal of Hazardous Materials, 2008.
3. "Severe liver steatosis correlates with nitrosative and oxidative stress in rats". European Journal of Clinical Investigation, 2008.
4. " Integration of nanosized zero-valent iron particles addition with UV/H<sub>2</sub>O<sub>2</sub> process for purification of azo dye Acid Black 24 solution". Journal of Hazardous Materials, 2008.
5. " Sequential extraction of arsenic and selenium in coal fly ash from power plant". Journal of Hazardous Materials, 2008.
6. Sumpter R.E., Dorris L., McWilliam R. & Carachi R. " Adjustment and Quality of Life after Childhood Hydrocephalus and Meningitis." Child and Adolescent Mental Health, 2009.
7. Hung-Hsin Liu, Ming-Hsiu Lin, Po-Ching Liu, Chia-I Chan, Hsiu-Ling Chen. "Health Risk Assessment of Metal Exposure in Foundry." Journal of Hazardous Materials, 2009.
8. Conterato GMM, Augusti PR, Somacal S, Sobieski R, de Carvalho LM, Dias D and Emanuelli T. "Effect of lead acetate on renal cytosolic thioredoxin reductase activity *in vitro*." Basic & Clinical Pharmacology Toxicology, 2009.
9. Zhi-Yong Huang, Ting Chen, Jiang Yu. Labile Cd and Pb in vegetable-growing soils estimated with isotope dilution and chemical extractants. Journal of Hazardous Materials, 2009.
10. Kahan V, Ribeiro DA, Andersen ML, Alverenga TA, Tufik S. Sleep Loss Induces Differential Response Related To Genotoxicity in Multiple Organs of Three Different Mice Strains. Basic & Clinical Pharmacology Toxicology, 2009.

11. Paramaguru G, Kathiravan A, Selvaraj S, Venuvanalingam P, Renganathan R. Interaction of anthraquinone dyes with lysozyme: Evidences from spectroscopic and docking Studies. *Journal of Hazardous Materials*, 2009.
12. Liu Y, Xu Z, Wu X, Gui W, Zhu G. Adsorption and desorption behavior of herbicide diuron on various Chinese cultivated soils. *Journal of Hazardous Materials*, 2010.
13. Amy Newmeyer A, Tillema JM, Jacola L. Use of an event-related fMRI paradigm to study overt speech in children. *Journal of Neurodevelopmental Disorders*, 2010.
14. Cetin T, Ülgen A, Tokalioglu S. On-line solid phase extraction of copper in water samples with flow injection flame atomic absorption spectrometry. *Journal of Hazardous Materials*, 2010.
15. Kang DH, Hyun S, Kim JG, Kim SJ. Adsorption of soluble fluoride and ferrocyanide onto liner minerals from spent potliners landfill leachate. *Journal of Hazardous Materials*, 2010.
16. Amaral JH, Rezende VB, Quintana SM, Gerlach RF, Fernando Barbosa F Jr, and Jose E. Tanus-Santos JE. Relationship between blood and serum lead levels in peripartum women and in the respective umbilical cords. *Basic & Clinical Pharmacology Toxicology*, 2010.
17. Xu J, Gao N, Tang Y, Gao Y. Perchlorate Removal by Granular Activated Carbon Coated with Cetyltrimethyl Ammonium Chloride. *Journal of Hazardous Materials*, 2010.
18. Suddle S, Geerts R, Basta C. Land Use Planning with Group Risk using GIS. *Journal of Hazardous Materials*, 2010.
19. Huang L, Wan W, Li F, Ban J, Li B, Bi J. A Two-Scale System to Identify Environmental Risk of Chemical Industry Clusters. *Journal of Hazardous Materials*, 2010.
20. Matsson H, Tammimies K, Zucchelli M, et al. SNP variations in the 7q33 region containing *DGKI* are associated with dyslexia in the Finnish and German populations. *Behavior Genetics*, 2010.
21. *In silico* docking analysis of newly formulated agonist, Ammonio Cyclopentyl Sulfonate (ACS) for human Metabotropic Glutamate Receptor 7 (GRM7) and its drug likeliness property. *Journal of Metabolomics and Systems Biology (JMSB)*, 2010.
22. Vu VT, Lee BK, Kim JT, Lee CH, Kim IH. Assessment of Carcinogenic Risk by Inhalation of Polycyclic Aromatic Hydrocarbons in PM10 in the Largest Industrial City, Korea. *Journal of Hazardous Materials*, 2011.
23. Alsaimary IE. HLA-DQB1 genotyping of *H. Pylori* associated gastritis patients. *Journal of Clinical Immunology and Immunopathology Research*, 2011.
24. Marsola FC, Rinaldi AEM, Siqueira M, McLellan KCP, Corrente JE, Burini RC. Association of dietary patterns with metabolic syndrome components in low-income, free-living brazilian adults. *International Journal of Nutrition and Metabolism*, 2011.
25. Pasini A, D'Agati E, Pitzianti M, Casarelli L, Curatolo P. ID SPAE-2011-0147 entitled "Profile of neurological soft signs in children with Attention-Deficit/Hyperactivity Disorder and Asperger Syndrome"
26. Busini V, Marzo E, Callioni A, Rota R. Definition of a short-cut methodology for assessing the earthquake-related Na-Tech risk. *Journal of Hazardous Materials*, 2011.
27. Arkam et al. Glucose 6 Phosphate dehydrogenase deficiency: A Review. *Global Journal of Medical Sciences*, 2011.
28. Pasini A, D'Agati E, Pitzianti M, Casarelli L, Curatolo P. SPAE-2011-0409 entitled "Motor examination in children with Attention-Deficit/Hyperactivity Disorder and Asperger Syndrome" *Acta Paediatrica*, 2011.
29. Manuscript ID: 4261, "Effect of cigarette smoking on plasma fibrinogen and platelet count." *Asian Journal of Medical Sciences*, 2011.
30. Manuscript ID: NPG-11-0086. Hamlin, Alyssa (contact); Liu, Ying; Nguyen, Danh; Tassone, Flora; Zhang, Lin; Hagerman, Randi. Sleep apnea in fragile X premutation carriers with and without FXTAS. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 2011.
31. Manuscript ID: ERJ-11-063. Teachers, mathematics anxiety and academic achievement. *Educational Research Journal*, 2011.
32. Manuscript ID: 5241, "Normal Blood Pressure And Different Factors Affecting It Among Healthy School Children" *Asian Journal of Medical Sciences*, 2011.
33. Manuscript No: FRBM-D-11-01203. Lutein and zeaxanthin supplementation reduces photo-oxidative damage and modulates the expression of inflammation-related genes in retinal pigment epithelial cells. *Free Radical Biology & Medicine*, 2012.
34. Manuscript No: ERJ-12-039. Reliability assessment and Factorial analysis of health locus of control scale among 12 and 15 year old school children of Bhopal City, Central India. *Education Research Journal*, 2012.
35. Manuscript No: FRBM-D-11-01203R1. Lutein and zeaxanthin supplementation reduces photo-oxidative damage and modulates the expression of inflammation-related genes in retinal pigment epithelial cells. *Free Radical Biology & Medicine*, 2012.
36. Manuscript ID: 5567, "Duration of use of computer as risk factor for developing back pain among Indian office going women" *Asian Journal of Medical Sciences*, 2012.
37. Manuscript ID: clen-20120032, "Pesticide Health Risk Mapping and Sensitivity Analysis of Parameters in Groundwater Vulnerability Assessment", *CLEAN - Soil, Air, Water*, 2012.
38. Manuscript ID: BTER-D-12-00242, "Lead depreciates passive avoidance memory retention and injures the hippocampus in Wistar rats" , *Biological Trace Element Research*, 2012.
39. Manuscript ID: SPAE-2012-0656, "Cognitive skills of preschool children are related to attention-deficit/hyperactivity disorder-like symptoms" , *Acta Paediatrica*, 2012.



40. Manuscript ID: WQEH-D-12-00199, "Human health risk assessment of arsenic and cadmium exposure from drinking water", Water Quality, Exposure and Health, 2012.
41. Manuscript ID: clen-201200466, "Arsenic remediation from potable water using low cost granulated adsorbents-A review", CLEAN - Soil, Air, Water, 2012.
42. Manuscript ID: JEMA-D-12-02025, "Characterizing the Risk of Using Linear Anionic Polyacrylamide (LA-PAM) to Reduce Seepage from Unlined Water Delivery Canals", Journal of Environmental Management, 2012.
43. Manuscript ID: ERJ-12-224, "Awareness, Knowledge and Perceived Susceptibility to Breast Cancer among Male Academic Staff of a Tertiary Institution in Southwest Nigeria", Education Research Journal, 2012.

**SCIENTIFIC REPORTS REQUESTED BY AN INSTITUTION OR ORGANIZATION:**

ANKARA UNIVERSITY SCIENTIFIC RESEARCH PROJECTS (BAP) Unit SCIENCE AND HEALTH SCIENCES

REFEREE EVALUATION REPORT. Project coordinator: ASSOC. DR. CANAN KALAYCIOĞLU Project title:

Developmental dyslexia: Correlation of linguistics and EEG data. (October 2009)

**6. Conferences, Seminars and Proceedings**

1. Bakan I, Canatan H, Akbulut M, Baydas G, Gursu F, Halifeoglu I, Cıkım G, **Caylak E**. Plasma leptin levels in both gender of Turkish patients with essential hypertension and healthy subjects. 24th Congress of Endocrinology and Metabolic Diseases of Turkey Joint Meeting with the American Association of Clinical Endocrinologists, Poster Presentations, P108, September, 2001.
2. **Emrah ÇAYLAK**, Türk Biyokimya Derneği Klinik laboratuvarlarda Standardizasyon ve Kalite Güvencesi Kursu, Elazığ 17,5 TTB-STE kredi puanı, 2001.
3. **Emrah ÇAYLAK**, Seminary: A new tumor marker for diagnosis of prostatic diseases: hK2
4. İhsan HALİFEOĞLU, **Emrah ÇAYLAK**, Selda TELO, Sülfür İçeren Bazı Bileşiklerin Kurşuna Maruz Kalmış Sıçanların Eritrosit Antioksidan Enzimleri ve Karaciğer Toplam Antioksidan Kapasitesi Üzerine Etkileri, 19. Ulusal Biyokimya Kongresi ve Klinik Enzimoloji Çalıştayı, Antalya, Nisan, 2005.
5. **Caylak E**, Tokar M. Investigating Chemical and Microbiological Contaminants in Drinking Water in regions of Cankiri, Turkey. 4<sup>th</sup> International Congress on Nutrition & Cancer. Antalya, Turkey, 13, October, 2011.
6. **Caylak E**. Health Risk Assessment of Heavy Metals, Polycyclic Aromatic Hydrocarbons and Trihalomethanes in Drinking Water of Cankiri, Turkey. 4<sup>th</sup> International Congress on Nutrition & Cancer. Antalya, Turkey, 14, October, 2011.
7. **Caylak E**. Health Risk Assessment of Arsenic in Water Resources of Cankiri and Kursunlu, Turkey. 4<sup>th</sup> International Congress on Nutrition & Cancer. Antalya, Turkey, 15, October, 2011.
8. Caylak E. **The Effects of Therapy on Oxidative stress and Ghrelin Levels in Iron Deficiency Anemia** 12. International Conference on Bioscience, Biochemistry and Bioinformatics (ICBBB 2022) 7-10 Ocak Tokyo, Japonya.
9. Caylak E. **Evaluation of oxidative stress and antioxidant status in Brucellosis**. 12. International Conference on Bioscience, Biochemistry and Bioinformatics (ICBBB 2022) 7-10 Ocak Tokyo, Japonya.
10. Caylak E. **Drinking water quality assessment of Çankiri Towns, Türkiye**. 1st International Karatekin Science and Technology Conference (IKSTC1) 1-3 Sep. 2022 in Cankiri, TURKEY.
11. Gökhan NUR, Mert ÇALIŞIR, Fatih AKAR, Emrah ÇAYLAK. **Afetlerden sonra gelişen yaralarda hiperbarik Oksijen tedavisi: histopatolojik ve biyokimyasal Yönden etkileri**. 1st International Conference on Innovative Academic Studies. September 10-13, 2022, Konya, Turkey.