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Education Information

Doctorate, University Of Nottingham, School Of Biosciences, Nutritional Sciences, United Kingdom 2007 - 2011

Undergraduate, Hacettepe Üniversitesi, Sağlık Teknolojisi Yüksekokulu, Beslenme Ve Diyetetik, Turkey 2002 - 2006

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, The Effects of Cafeteria Diet on Maternal Adaptation to Pregnancy, Growth and Development of Fetus and Glucose Homeostasis Later in Life, The University Of Nottingham, Department Of Nutritional Sciences, School Of Biosciences, 2011

Research Areas

Health Sciences, Nutrition and Dietetics

Academic Titles / Tasks

Associate Professor, Hacettepe University, Sağlık Bilimleri Fakültesi, Beslenme Ve Diyetetik Bölümü, 2018 - Continues

Academic and Administrative Experience

Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, 2016 - Continues

Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Beslenme ve Diyetetik Bölümü, 2012 - Continues

Hacettepe Üniversitesi, Sağlık Bilimleri Fakültesi, Beslenme ve Diyetetik Bölümü, 2014 - 2015

Advising Theses

AKYOL MUTLU A., Ratlarda maternal düşük kaliteli protein diyetinin doğum sonrası büyüme ve gelişme üzerine etkisi, Postgraduate, H.DAŞGIN(Student), 2016

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

- I. **Effects of maternal taurine supplementation on maternal dietary intake, plasma metabolites and fetal growth and development in cafeteria diet fed rats**
Cetin A., ALKAN TUĞ T., GÜLEÇ A., Akyol A.
PEERJ, vol.9, 2021 (Journal Indexed in SCI)
- II. **Can pseudocereals modulate microbiota by functioning as probiotics or prebiotics?**
Ugural A., Akyol A.
CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION, 2020 (Journal Indexed in SCI)
- III. **Determination of aluminum concentrations of parenteral nutrition solutions by HPLC**
ÖZTÜRK E., YILDIRIM S., AKYOL MUTLU A.
EUROPEAN JOURNAL OF CLINICAL NUTRITION, 2020 (Journal Indexed in SCI)
- IV. **Is there a relationship between the dietary inflammatory index and metabolic syndrome among adolescents?**
SEREMET KÜRKLÜ N., Torun N. K. , ÖZEN KÜÇÜKÇETİN İ., AKYOL MUTLU A.
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- V. **Turkish version of the Yale Food Addiction Scale: preliminary results of factorial structure, reliability, and construct validity**
BÜYÜKTUNCER DEMİREL Z., AKYOL MUTLU A., AYAZ A., NERGİZ ÜNAL R., AKSOY B., Cosgun E., ÖZDEMİR P., Pekcan G., BESLER H. T.
JOURNAL OF HEALTH POPULATION AND NUTRITION, vol.38, no.1, 2019 (Journal Indexed in SCI)
- VI. **Cafeteria diet increased adiposity in comparison to high fat diet in young male rats**
Büyükdere Y., Güleç A., Akyol A.
PEERJ, vol.7, 2019 (Journal Indexed in SCI)
- VII. **EFFECT OF CAFETERIA DIET AND HIGH FAT DIET ON BODYCOMPOSITION AND BIOCHEMICAL PARAMETERS IN RATS**
Büyükdere Y., Güleç A., Akyol Mutlu A.
Clinical Nutrition, no.37, pp.269-270, 2018 (Journal Indexed in SCI Expanded)
- VIII. **Maternal low-quality protein diet exerts sex-specific effects on plasma amino acid profile and alters hepatic expression of methyltransferases in adult rat offspring**
Akyol Mutlu A., Kabasakal Çetin A., Güleç A., Daşgın H., Ayaz A., Onbaşlar İ.
Journal of Developmental Origins of Health and Disease, vol.9, no.4, pp.409-416, 2018 (Journal Indexed in SCI Expanded)
- IX. **Chia seed (Salvia Hispanica L.) added yogurt reduces short-term food intake and increases satiety: randomised controlled trial**
AYAZ A., AKYOL MUTLU A., İNAN EROĞLU E., Cetin A., Samur G., AKBIYIK F.
NUTRITION RESEARCH AND PRACTICE, vol.11, no.5, pp.412-418, 2017 (Journal Indexed in SCI)
- X. **ASSESSING THE EFFECT OF THE PLATE COLOUR ON ENERGY INTAKE DURING AN OPEN BUFFET MEAL**
Akyol A., Samur G., İNAN EROĞLU E., ÇETİN C., AYAZ A.
ANNALS OF NUTRITION AND METABOLISM, vol.71, pp.1281-1282, 2017 (Journal Indexed in SCI)
- XI. **Effect of plate size on meal energy intake in normal weight women**
Ayaz A., Akyol Mutlu A., Çetin C., Besler H. T.
Nutrition Research and Practice, vol.10, no.5, pp.1-6, 2016 (Journal Indexed in SCI Expanded)
- XII. **Improved oxidative status in major abdominal surgery patients after N-acetyl cystein supplementation**
Kuyumcu A., Akyol A., Buyuktuncer Z., OZMEN M. M. , BESLER H. T.
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- XIII. **beta-Glucan and Dark Chocolate: A Randomized Crossover Study on Short-Term Satiety and Energy Intake**
AKYOL A., Dasgin H., AYAZ A., Buyuktuncer Z., BESLER H. T.

NUTRIENTS, vol.6, no.9, pp.3863-3877, 2014 (Journal Indexed in SCI)

- XIV. **Exposure of neonatal rats to maternal cafeteria feeding during suckling alters hepatic gene expression and DNA methylation in the insulin signalling pathway**

Daniel Z. C. , Akyol A., McMullen S., Langley-Evans S. C.

GENES AND NUTRITION, vol.9, no.1, 2014 (Journal Indexed in SCI)

- XV. **Glucose intolerance associated with early-life exposure to maternal cafeteria feeding is dependent upon post-weaning diet**

Akyol A., McMullen S., Langley-Evans S. C.

BRITISH JOURNAL OF NUTRITION, vol.107, no.7, pp.964-978, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Effects of Taurine Amino Acid on Obesity and Adipose Tissue**

Büyükdere Y., Akyol Mutlu A.

Hacettepe Üniversitesi Sağlık Bilimleri Fakültesi Dergisi, vol.7, no.1, pp.41-54, 2020 (National Refreed University Journal)

- II. **D Vitamini ve Enfeksiyon Hastalıkları**

Büyükdere Y., Akyol Mutlu A.

Türkiye Klinikleri, vol.5, no.3, pp.39-45, 2019 (Other Refereed National Journals)

Books & Book Chapters

- I. **D Vitamini ve Enfeksiyon Hastalıkları**

BÜYÜKDERE Y., AKYOL MUTLU A.

in: Türkiye Klinikleri Beslenme ve Diyetetik Özel Konular-D Vitamini, Yurttagül, SM, Editor, Türkiye Klinikleri, Ankara, pp.39-45, 2019

- II. **Türkiye ye Özgü Besin ve Beslenme Rehberi**

BESLER H. T. , RAKICIOĞLU N., AYAZ A., BÜYÜKTUNCER DEMİREL Z., GÖKMEN ÖZEL H., SAMUR F. G. , YILDIZ E., BİLGİÇ P., DİKMEN D., GÖKTAŞ Z., et al.

Merdiven Reklam Tanıtım, Ankara, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of cafeteria diet and high fat diet on body composition and biochemical parameters in rats**

BÜYÜKDERE Y., GÜLEÇ A., AKYOL MUTLU A.

40th ESPEN Congress, 1 - 04 September 2018

- II. **Does adherence to mediterranean diet affect body mass index and dietary macronutrient intakes in adults?**

İNAN E., ÇETİN C., AKYOL MUTLU A., AYAZ A., SAMUR F. G.

40th ESPEN CONGRESS, 1 - 04 September 2018, vol.37, pp.112

- III. **Relationship between food neophobia and consumption of functional foods**

ÇETİN C., İNAN E., AKYOL MUTLU A., SAMUR F. G. , AYAZ A.

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- IV. **Television viewing period and diet quality among adolescents**

İŞGIN K., BELLİKÇİ KOYU E., AKYOL MUTLU A., NERGİZ ÜNAL R., AYAZ A., BÜYÜKTUNCER DEMİREL Z.

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- V. **Nutrient Profiling of Food and Beverages Advertised on Television For Adolescents**

BELLİKÇİ KOYU E., İŞGIN K., DİKMEN D., NERGİZ ÜNAL R., AKYOL MUTLU A., AYAZ A., BÜYÜKTUNCER DEMİREL Z.

2017 Food Nutrition Conference Expo, Chicago, United States Of America, 21 - 24 October 2017, vol.117, pp.91

- VI. **Assessing the effect of the plate colour on energy intake during an open buffet meal**
AKYOL MUTLU A., SAMUR F. G. , İNAN E., ÇETİN C., AYAZ A.
21.th International Union of Nutritional Sciences (IUNS), Argentina, 15 - 20 October 2017, vol.71, pp.144
- VII. **Effect of maternal low quality protein diet on plasma biochemical parameters in adult male and female offspring**
KABASAKAL A., GÜLEÇ A., ONBAŞILAR İ., AKYOL MUTLU A.
10th World Congress 15-18 October 2017 Rotterdam, The Netherlands, 15 - 18 October 2017
- VIII. **Effect of maternal cafeteria diet and taurine supplementation on body and organ weights of the offspring**
KABASAKAL A., GÜLEÇ A., AKYOL MUTLU A.
10th World Congress 15-18 October 2017 Rotterdam, The Netherlands, 15 - 18 October 2017
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- X. **Effect of maternal cafeteria diet and taurine supplementation on body and organ weights of the offspring**
KABASAKAL A., GÜLEÇ A., AKYOL MUTLU A.
10th World Congress Developmental Origins of Health and Disease, 15 - 18 October 2017
- XI. **Breakfast Skipping Linked to the Risk of Obesity in School-aged Children**
IŞGIN K., BELLİKÇİ KOYU E., AKYOL MUTLU A., NERGİZ ÜNAL R., AYAZ A., BÜYÜKTUNCER DEMİREL Z.
2017 Food Nutrition Conference Expo, Chicago, 21 - 24 October 2017, vol.117
- XII. **Effect Of Maternal Cafeteria Diet and Taurine Supplementation On Maternal Weight Change And Plasma Adiponectin Levels In Rats**
KABASAKAL A., GÜLEÇ A., AKYOL MUTLU A.
39th ESPEN Congress, 9 - 12 September 2017
- XIII. **Breakfast skipping linked to the risk of obesity in school-aged children**
IŞGIN K., BELLİKÇİ KOYU E., AKYOL MUTLU A., NERGİZ ÜNAL R., AYAZ A., BÜYÜKTUNCER DEMİREL Z.
FNCE 2017, 21 - 24 October 2017
- XIV. **Ratlarda Maternal Obezite ve Taurin Suplementasyonunun Gebelik, Fetal Büyüme Ve Gelişim Üzerine Etkisi**
KABASAKAL A., GÜLEÇ A., AKYOL MUTLU A.
5. Fetal Hayattan Çocukluğa İlk 1000 Gün Gebe ve Çocuk Beslenmesi Kongresi, Ankara, Turkey, 19 - 22 March 2017
- XV. **HACETTEPE ÜNİVERSİTESİ SAĞLIK BİLİMLERİ FAKÜLTESİ MEZUN İZLEME SİSTEMİ**
AKSU YILDIRIM S., YILMAZ Ö., KULAK KAYIKCI M. E. , AKYOL MUTLU A., AKEL B. S. , SAĞLAM M., GÖKTAŞ Z., BÜLBÜN B., BAYDAN AYDEMİR M., DEĞİRMENCİ G. Y. , et al.
2. Ulusal Sağlık Bilimleri Kongresi, Turkey, 24 - 25 November 2016
- XVI. **Is There A Link Between Tv Viewing And Food Preferences In Adolescents**
BELLİKÇİ KOYU E., IŞGIN K., NERGİZ ÜNAL R., AKYOL MUTLU A., BÜYÜKTUNCER DEMİREL Z., AYAZ A., BESLER H. T.
17th International Congress of Dietetics (ICD), Granada, Nicaragua, 7 - 10 September 2016
- XVII. **Consumption Of Dairy And Fruits Are Inversely Associated With Abdominal Obesity Among Adolescents**
Aksoy B., AKYOL MUTLU A., NERGİZ ÜNAL R., AYAZ A., BÜYÜKTUNCER DEMİREL Z., BESLER H. T.
17th International Congress of Dietetics (ICD), Granada, Nicaragua, 7 - 10 September 2016
- XVIII. **Effect of maternal low quality protein diet on fetal growth and development**
AKYOL MUTLU A., KABASAKAL A., DAŞGIN H., GÜLEÇ A., ONBAŞILAR İ.
12th European Nutrition Conference Fens, Germany, 20 - 23 October 2015, vol.67, pp.280
- XIX. **Ratlarda maternal düşük kaliteli protein diyetinin fetal büyüme ve gelişme üzerine etkisi**
KABASAKAL A., DAŞGIN H., GÜLEÇ A., ONBAŞILAR İ., AKYOL MUTLU A.

Supported Projects

GÜLEÇ A., AKYOL MUTLU A., TUBITAK Project, Maternal Obezite ve Taurin Suplemantasyonunun Gebelik Fetal Büyüme ve Gelişim Üzerine Etkileri, 2015 - Continues

AKYOL MUTLU A., BÜYÜKDERE Y., GÜLEÇ A., Project Supported by Higher Education Institutions, Sıçanlarda Kafeterya Diyeti ve Yüksek Yağlı Diyetin Obezite ile İlişkili Bazı Biyokimyasal Parametreler Üzerine Etkilerinin Karşılaştırılması, 2017 - 2018

AKYOL MUTLU A., KABASAKAL A., AYAZ A., Project Supported by Higher Education Institutions, Gebelik ve Laktasyon Dönemlerinde Düşük Kaliteli Protein Diyeti ile Beslenen Ratlarda Plazma Biyokimyasal Parametrelerinin İncelenmesi, 2016 - 2017

AKYOL MUTLU A., ÇETİN C., BESLER H. T. , AYAZ A., Project Supported by Higher Education Institutions, Farklı Tabak Ölçülerinin Doygunluk ve Enerji Alımı Üzerine Etkisi, 2015 - 2016

AKYOL MUTLU A., GÜLEÇ A., ONBAŞILAR İ., TUBITAK Project, Ratlarda Maternal Düşük Kaliteli Protein Diyetinin Fetal Gelişim ve Plazma Amino Asit Profili Üzerine Etkisi, 2014 - 2015

Citations

Total Citations (WOS):86

h-index (WOS):6