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Publons / Web Of Science ResearcherID: AAX-5138-2021

ScopusID: 26221688200

Education Information

Doctorate, State University of New York at Stony Brook, United States Of America 2007 - 2012

Undergraduate, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, Turkey 2002 - 2006

Research Areas

Psychology, Behavioural Sciences, Life Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Early-life adversity severity, timing, and context type are associated with SLC6A4 methylation in emerging adults: Results from a prospective cohort study**
Koning S. M., Kessler C. L., Canli T., DUMAN E. A., Adam E. K., Zinbarg R., Craske M. G., Stephens J. E., Vrshek-Schallhorn S.
Psychoneuroendocrinology, vol.170, 2024 (SCI-Expanded)
- II. **Stress-responsive Psychobiological Markers During Pregnancy and Fetal and Infant Outcomes Across Countries**
Aran Ö., Duman E. A., Abuaish S., Doom J.
PSYCHONEUROENDOCRINOLOGY, vol.160, pp.106696, 2024 (SCI-Expanded)
- III. **Classroom chaos and program quality in early child care and education programs: A study from Turkey**
Corapci F., Eroglu-Ada F., Kalkan R. B., DUMAN E. A.
Early Childhood Research Quarterly, vol.65, pp.32-41, 2023 (SSCI)
- IV. **Diurnal cortisol variation during pregnancy in Turkish origin and non-migrant women in a German birth cohort study**
Entringer S., Scholaske L., Kurt M., Duman E. A., Adam E. K., Razum O., Spallek J.
Journal of Psychosomatic Research, vol.162, 2022 (SCI-Expanded)
- V. **Association of maternal migrant background with inflammation during pregnancy – Results of a birth cohort study in Germany**
Spallek J., Scholaske L., Duman E. A., Razum O., Entringer S.
Brain, Behavior, and Immunity, vol.96, pp.271-278, 2021 (SCI-Expanded)
- VI. **A simple modification to the luminometric methylation assay to control for the effects of dna**

fragmentation

Duman E. A., Kriaucionis S., Dunn J. J., Hatchwell E.
BioTechniques, vol.58, no.5, pp.262-264, 2015 (SCI-Expanded)

VII. Genetics of emotion regulation

Canli T., Ferri J., Duman E. A.
Neuroscience, vol.164, no.1, pp.43-54, 2009 (SCI-Expanded)

VIII. No association between two polymorphisms of the serotonin transporter gene and combined type attention deficit hyperactivity disorder

Xu X., Aysimi E. A., Anney R., Brookes K., Franke B., Zhou K., Buschgens C., Chen W., Christiansen H., Eisenberg J., et al.
American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics, vol.147, no.7, pp.1306-1309, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Associations between prenatal distress, mitochondrial health, and gestational age: findings from two pregnancy studies in the USA and Turkey.**
Huang Q., Shire D., Hollis F., Abuaish S., Picard M., Monk C., Duman E. A., Trumpff C.
bioRxiv : the preprint server for biology, 2024 (Peer-Reviewed Journal)
- II. **Examining the Relationship of Home and Child Care Chaos to Children's Executive Functions**
ADA F. E., Corapci F., DUMAN E. A.
Psikoloji çalışmaları (Online), vol.43, no.1, pp.141-170, 2023 (ESCI)
- III. **Associations of State and Trait Loneliness with Gender and Psychosocial Factors in Undergraduates**
DUMAN E. A.
Boğaziçi Üniversitesi Eğitim Dergisi, vol.38, no.1, pp.25-42, 2021 (Peer-Reviewed Journal)
- IV. **Genetics of Risk-Taking Behavior: Current Knowledge, Challenges and Future Directions**
ATEŞYAKAR N., DUMAN E. A.
Journal of Yasar University, vol.16, no.62, pp.718-738, 2021 (Peer-Reviewed Journal)
- V. **Individual differences in risk-taking preference of undergraduate students**
Duman E. A.
Bogazici Journal, vol.34, no.2, pp.177-192, 2021 (Scopus)
- VI. **Multilevel Impact of Prenatal Risk and Protective Factors on Stress Biology and Infant Development: Study protocol of BABIP prospective birth cohort from Turkey.**
Duman E. A., Atesyakar N., Ecevitoglu A.
Brain, behavior, & immunity - health, vol.1, pp.100005, 2019 (Peer-Reviewed Journal)
- VII. **Influence of life stress, 5-HTTLPR genotype, and SLC6A4 methylation on gene expression and stress response in healthy Caucasian males**
Duman E. A., Canli T.
Biology of Mood and Anxiety Disorders, vol.5, no.1, 2015 (Scopus)

Books & Book Chapters

- I. **Mechanisms Linking Prenatal Environment and Child Development: The Case of BABIP Birth Cohort from Turkey**
DUMAN E. A.
in: Childhood in Turkey: Educational, Sociological, and Psychological Perspectives, Şen, Hilal H., Selin, Helaine, Editor, Springer Nature, Cham, pp.123-135, 2022
- II. **Psikolojik Süreçler ve Gen-Çevre Etkileşimleri: Temel kavram, yöntem ve yaklaşımlar**
DUMAN E. A.

in: Psikolojide Bilişsel ve Davranışsal Süreçlere Deneysel Yaklaşımlar , Ünal Güneş, Ayhan İnci, Editor, Nobel Akademik Yayıncılık, pp.1-49, 2021

III. Stres ve Psikosomatik Hastalıklar: Gen-Çevre Etkileşimleri ve Epigenetik Mekanizmaların Önemi
DUMAN E. A.

in: Stres ve Bedensel Hastalıklar: Günümüzde Psikosomatik Tıp, Şar, Vedat, Editor, Türkiye Klinikleri, Ankara, pp.6-15, 2018

IV. Social behavior and serotonin

DUMAN E. A., Canli T.

in: Handbook of the Behavioral Neurobiology of Serotonin, Müller, Christian P., Jacobs, Barry L., Editor, Elsevier, San Diego, pp.449-456, 2010

Refereed Congress / Symposium Publications in Proceedings

I. Perinatal Dönem ve Epigenetik Mekanizmalar

DUMAN E. A.

5. Uluslararası Koru Gebelik Doğum Lohusalık Kongresi, Bolu, Turkey, 17 February 2022

II. The role of maternal early and perinatal stress on maternal and infant outcomes in BABIP birth cohort.

DUMAN E. A.

ISPNE 2022 Yıllık Konferansı, Chicago, United States Of America, 8 - 10 September 2022

III. Perinatal Dönemde Epigenetik Mekanizmaların Etkisi

DUMAN E. A.

2. Uluslararası Anadolu Ebeler Derneği Kongresi, Eskişehir, Turkey, 19 - 22 May 2022

IV. Childhood maltreatment and inflammation during pregnancy: impact on pregnancy-related worries and newborn outcomes in the BABIP birth cohort

ECEVİTOĞLU A., Ateşyakar N., DUMAN E. A.

50th Annual Conference of International Society of Psychoneuroendocrinology, Pandemi nedeniyle Chicago yerine Sanal, United States Of America, 27 August 2020

V. Differential patterns of diurnal cortisol by home and daycare chaos in young children.

DUMAN E. A., ÇORAPÇI F.

49th International Society of Psychoneuroendocrinology Conference, Milan, Italy, 29 - 31 August 2019

VI. Long-term effects of early environment on HPA-axis activity and behavior

DUMAN E. A.

45th Annual Meeting of Psychologie und Gehirn, Dresden, Germany, 20 - 22 June 2019

VII. Gene-Environment interactions on CAR in emerging adults.

DUMAN E. A.

47th International Society of Psychoneuroendocrinology Conference, Zürich, Switzerland, 7 - 09 September 2017

VIII. Effect of Socioeconomic Status on Preschoolers' Social Competence: Moderation by Serotonin Transporter Genotype and Gender

MAVİOĞLU R. N., EROĞLU F., DEDEOĞLU G., ÇORAPÇI F., DUMAN E. A.

2017 Biennial Society for Research in Child Development, Austin, United States Of America, 6 - 08 April 2017

IX. Early and Recent Life Stress Influence Cortisol Awakening Response as a Function of Serotonin Transporter Genotype

DEDEOĞLU G., DUMAN E. A.

Society for Neuroscience, San Diego, United States Of America, 12 - 16 November 2016

X. Changes in HPA axis Reactivity by Subjective Well Being: Impact of Loneliness, Gender and Serotonin Transporter Genotype

Mavioğlu R. N., DUMAN E. A.

International Society of Psychoneuroendocrinology Conference, Miami, United States Of America, 8 - 11 September 2016

- XI. **Interaction between Childhood Maltreatment Trait Anxiety and Serotonin Transporter Genotype on Cortisol Awakening Response**
DUMAN E. A.
International Society of Psychoneuroendocrinology Conference, Miami, United States Of America, 8 - 11 September 2016
- XII. **Relationship between Subjective Well being and Cortisol Awakening Response Moderation by Serotonin Transporter Genotype**
Kurşuncu S., Maviöğlü R. N., DUMAN E. A.
European Brain and Behavior Society Annual Meeting, Verona, Italy, 12 - 15 September 2015
- XIII. **The Role of Chronotype and Big Five Personality Factors on Cortisol Awakening Response**
Ergin K. C., DEDEOĞLU G., DUMAN E. A.
European Brain and Behavior Society Annual Meeting, Verona, Italy, 12 - 15 September 2015
- XIV. **The Effect of Sleep Duration and Perceived Stress on Cortisol Awakening Response of Undergraduate Students**
DEDEOĞLU G., Ergin K. C., DUMAN E. A.
European Brain and Behavior Society Annual Meeting, Verona, Italy, 12 - 15 September 2015

Episodes in the Encyclopedia

- I. **Encyclopedia of Behavioral Neuroscience**
DUMAN E. A., Canli T.
Elsevier, pp.257-260, 2010

Metrics

Publication: 34

Citation (Scopus): 201

H-Index (Scopus): 4