

## Assoc. Prof. NURCAN KAHRAMAN

### Personal Information

**Office Phone:** [+90 224 294 2280](tel:+902242942280) Extension: 55055

**Email:** [nurcankahraman@uludag.edu.tr](mailto:nurcankahraman@uludag.edu.tr)

**Web:** <https://avesis.uludag.edu.tr/nurcankahraman>

**Address:** Bursa Uludağ Üniversitesi, Eğitim Fakültesi, Mat. ve Fen Bilimleri Eğitimi, A Blok, 110 numara

### International Researcher IDs

ORCID: 0000-0003-1009-3047

Yoksis Researcher ID: 25955

### Education Information

Doctorate, Middle East Technical University, Graduate School Of Social Sciences, Turkey 2007 - 2011

Undergraduate, Istanbul University, Hasan Ali Yücel Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 2003 - 2006

### Dissertations

Doctorate, Antecedents and consequences of achievement goals, Middle East Technical University, Graduate School Of Social Sciences, 2011

### Research Areas

Teacher Training in Natural Sciences

### Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, EĞİTİM FAKÜLTESİ, MATEMATİK VE FEN BİLİMLERİ EĞİTİMİ, 2020 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi, 2011 - 2016

Research Assistant, Manisa Celal Bayar University, Faculty Of Education, Department Of Mathematics And Science Teaching, 2010 - 2011

### Courses

Advanced Statistics, Doctorate, 2021 - 2022

Nitel araştırma için temeller, Postgraduate, 2022 - 2023

Temel istatistik, Doctorate, 2022 - 2023

Astronomy, Undergraduate, 2022 - 2023

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

- I. **A META-ANALYTIC EXAMINATION OF THE EFFECT OF INDIVIDUAL AND SCHOOL-AVERAGE ACHIEVEMENT ON STUDENTS' SELF-CONCEPT IN SCIENCE**  
KAHRAMAN N.  
Journal of Baltic Science Education, vol.23, no.1, pp.37-44, 2024 (SSCI)
- II. **Investigating linear and curvilinear relationships between cognitive activation strategies and student achievement in science**  
KAHRAMAN N.  
INTERNATIONAL JOURNAL OF EDUCATIONAL RESEARCH, vol.116, 2022 (SSCI)
- III. **Cross-Grade Comparison of Relationship between Students' Engagement and TIMSS 2011 Science Achievement**  
Kahraman N.  
Egitim Ve Bilim-Education And Science, vol.39, no.172, pp.95-107, 2014 (SSCI)
- IV. **Antecedents and Consequences of Middle School Students' Achievement Goals in Science**  
Kahraman N., SUNGUR S.  
ASIA-PACIFIC EDUCATION RESEARCHER, vol.22, no.1, pp.45-60, 2013 (SSCI)
- V. **The Contribution of Motivational Beliefs to Students' Metacognitive Strategy Use**  
Kahraman N., SUNGUR S.  
EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.36, no.160, pp.3-10, 2011 (SSCI)

## Articles Published in Other Journals

- I. **Topluma Hizmet Uygulamaları Kapsamında Düzenlenen Bilim Şenliği Hakkında Öğretmen Adaylarının Görüşleri**  
ÇALIŞ S., KAHRAMAN N.  
International Journal of Humanities and Art Researches, vol.8, no.4, pp.383-403, 2023 (Peer-Reviewed Journal)
- II. **A Meta-Analytic Reliability Generalization Study of the Computational Thinking Scale**  
KIYICI G., KAHRAMAN N.  
Science Insights Education Frontiers, vol.13, no.2, pp.1859-1874, 2022 (Peer-Reviewed Journal)
- III. **Engagement and Big-Fish-Little-Pond Effect on Self-Concept in Science: Findings from TIMSS 2011**  
Kahraman N., Taş Y., Yerdelen S.  
Excellence in Education Journal (EEJ), vol.11, no.1, pp.88-119, 2022 (Peer-Reviewed Journal)
- IV. **The Relationship between Middle School Students' Learning Environment Perceptions and Achievement Goals in Science**  
Kahraman N.  
Science Insights Education Frontiers, vol.12, no.1, pp.1642-1660, 2022 (Peer-Reviewed Journal)
- V. **MIDDLE SCHOOL BOYS' AND GIRLS' CAREER ASPIRATIONS IN SCIENCE AND MATHEMATICS**  
KAHRAMAN N.  
Boğaziçi Üniversitesi Eğitim Dergisi, vol.39, no.1, pp.3-29, 2022 (Peer-Reviewed Journal)
- VI. **What Makes Students Engage in Science: Is It Universal?**  
KAHRAMAN N.  
Hayef: journal of education (Online), vol.18, pp.499-516, 2021 (Peer-Reviewed Journal)
- VII. **Effects of Achievement Goals on Students' Motivational beliefs and Coping Strategies: A Multiple Goals Perspective**  
KAHRAMAN N.  
Electronic Journal of Research in Educational Psychology, 2018 (Scopus)
- VIII. **Adaptation of the Performance Failure Appraisal Inventory (PFAI) into Turkish**  
KAHRAMAN N., SUNGUR S.  
Ahi Evran Üniversitesi Kırşehir Eğitim Fakültesi Dergisi (KEFAD), 2016 (Peer-Reviewed Journal)
- IX. **Low Socioeconomic Status Students' STEM Career Interest in Relation to Gender, Grade Level, and STEM Attitude**

YERDELEN S., KAHRAMAN N., TAŞ Y.

Journal of Turkish Science Education, 2016 (Scopus)

**X. KİMYAGER ADAYLARININ TEKNOLOJİ TUTUMLARININ KİMYA TUTUMLARINA ETKİSİNİN ARAŞTIRILMASI**

KIYICI G., KAHRAMAN N., ABALI Y.

Eğitim Teknolojileri Araştırmaları Dergisi, vol.2, no.1, 2012 (Peer-Reviewed Journal)

**XI. INVESTIGATING TURKISH MIDDLE SCHOOL STUDENTS' COPING STRATEGIES IN SCIENCE**  
KAHRAMAN N., SUNGUR S.

Batı Anadolu Eğitim Bilimleri Dergisi(BAEBD), 2011 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. How Do Science Experiments Effect Students' Computational Thinking Skills: An Example of Titration?**  
KAHRAMAN N., KIYICI G.  
12th INTERNATIONAL CONFERENCE ON EDUCATION (IC-ED 2023), 2 - 04 November 2023
- II. Investigating the effect of inquiry-based teaching on gifted students' science achievement: A metaanalysis**  
KIYICI G., KAHRAMAN N.  
EduCongress, Antalya, Turkey, 17 - 19 November 2022, vol.1, pp.742-743
- III. Adaptation of Pupils' Attitudes Towards Socio-Scientific Issues (PASSI) Questionnaire into Turkish**  
AŞIKOĞLU R., KAHRAMAN N.  
International Eurasian Educational Research Congress, Antalya, Turkey, 22 June 2022, pp.520
- IV. FEN BİLİMLERİ DERSİNDE ÜSTBİLİŞSEL ÖĞRENME STRATEJİLERİ ÖLÇEĞİNİN TÜRKÇE'YE UYARLANMASI: GEÇERLİK VE GÜVENİRLİK ÇALIŞMASI**  
YERDELEN S., TAŞ Y., KAHRAMAN N.  
12. ULUSAL FEN BİLİMLERİ VE MATEMATİK EĞİTİMİ KONGRESİ, 28 September 2016
- V. DÜŞÜK SOSYOEKONOMİK DÜZEYDEKİ ÖĞRENCİLERİN FETEMM'E YÖNELİK TUTUMLARININ İNCELENMESİ**  
KAHRAMAN N., TAŞ Y., YERDELEN S.  
12. ULUSAL FEN BİLİMLERİ VE MATEMATİK EĞİTİMİ KONGRESİ, 28 September 2016
- VI. ORTAOKUL ÖĞRENCİLERİNİN FEN BİLİMLERİ DERSİNE KATILIMI VE HEDEF YÖNELİMLERİ ARASINDAKİ İLİŞKİNİN İNCELENMESİ**  
Kurt U., TAŞ Y., KAHRAMAN N.  
12. ULUSAL FEN BİLİMLERİ VE MATEMATİK EĞİTİMİ KONGRESİ, Trabzon, Turkey, 28 September 2016
- VII. FEN BİLGİSİ ÖĞRETMENLERİNİN MESLEKİ TÜKENMİŞLİKLERİNİN BAZI SOSYODEMOGRAFİK FAKTÖRLERE GÖRE İNCELENMESİ**  
ÖZTÜRK M., KAHRAMAN N.  
VII. Uluslararası Eğitim Araştırmaları Kongresi, Çanakkale, Turkey, 05 May 2016
- VIII. ADAPTATION OF TEACHER EFFICACY AND ATTITUDES TOWARD STEM (T-STEM) SURVEY INTO TURKISH**  
TAŞ Y., YERDELEN S., KAHRAMAN N.  
International Conference on Education in Mathematics, Science & Technology (ICEMST), Bodrum, Turkey, 19 May 2016
- IX. STEM CAREER INTEREST OF LOW SOCIOECONOMIC STUDENTS**  
YERDELEN S., KAHRAMAN N., TAŞ Y.  
International Conference on Education in Mathematics, Science & Technology (ICEMST), Bodrum, Turkey, 19 May 2016
- X. Investigating the Relation of Self Efficacy to Achievement and Engagement in Science by Considering Big Fish Little Pond Effect**

TAŞ Y., YERDELEN S., KAHRAMAN N.

NARST 2015 Annual International Conference, 11 - 14 April 2015

## **Metrics**

Publication: 26

Citation (WoS): 26

Citation (Scopus): 32

H-Index (WoS): 2

H-Index (Scopus): 2