EMRAH EMİRTEKİN
ASST. PROF.

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Biography

Emrah Emirtekin is an Assistant Professor in the Department of Data Science and Analytics at Manisa Celal Bayar University, Türkiye. He received his PhD in Computer Science from Ege University in 2024, with a dissertation on an AI-based system for predicting students' online learning performance in distance education. His research focuses on artificial intelligence in education, including LLM-based automated assessment and scoring fairness, learning analytics and student performance prediction, and generative AI in programming education. He has also published widely in cyberpsychology, on problematic social media and smartphone use and on cyberbullying. He has authored 31 journal articles, 21 of them indexed in SCI-E/SSCI, and the book *Assessment in the Age of AI* (Pegem Akademi, 2026). His work has received over 2,000 citations (h-index 18, Google Scholar).

Education

Doctorate 2020 - 2024	Ege University, Fen Bilimleri Enstitüsü, Bilgisayar Bilimleri, Turkey
Postgraduate 2017 - 2019	Ege University, Eğitim Bilimleri Enstitüsü, Bilgisayar Ve Öğretim Teknolojileri Eğitimi, Turkey
Undergraduate 2006 - 2010	Eskisehir Osmangazi University, Eğitim Fakültesi, Bilgisayar Ve Öğretim Teknolojileri Eğitimi Bölümü, Turkey

Foreign Languages

English

Dissertations

Doctorate, Uzaktan eğitimde öğrencilerin çevrim içi öğrenme performanslarının tahmin edilmesi için yapay zekaya dayalı sistemin geliştirilmesi, Ege University, 2024
Postgraduate, Eğitsel videolardaki sorulara yönelik geri bildirim türünün öğretmen adaylarının başarı ve bilişsel yüklerine etkisi, Ege University, 2019

Academic Positions

Assistant Professor 2026 - Present	Manisa Celal Bayar University, Bilgisayar Ve Bilişim Bilimleri Fakültesi, Veri Bilimi Ve Analitiği
Lecturer 2021 - 2026	Ege University

Articles

1. **Assessing large language models as essay raters: Scoring behavior and fairness in source-based writing**
   EMİRTEKİN E., Karagul A. E.
   SYSTEM, vol.143, 2026 (SSCI, Scopus)
2. **Antagonistic Personality And Cybersecurity Awareness: The Mediating Role of Mindfulness And Social Media Addiction**
   KIRCABURUN K., DUMAN İ., EMİRTEKİN E.
   Anadolu Kültürel Araştırmalar Dergisi, vol.10, no.3, pp.1506-1523, 2026 (TRDizin)
3. **The impact of vibe coding on students' programming self-efficacy and attitudes toward artificial intelligence**
   EMİRTEKİN E., Turk M., Kircaburun K.
   SCIENTIFIC REPORTS, vol.16, no.1, 2026 (SCI-Expanded, Scopus)
4. **Investigating LLM–Human Rater Agreement in Automated Essay Scoring of Turkish L1 EFL Learners**
   EMİRTEKİN E., KARASU M.
   International Journal of Modern Education Studies, vol.10, no.2, pp.290-309, 2026 (TRDizin)
5. **Automatic Short-Answer Grading in Sustainability Education: AI-Human Agreement**
   EMİRTEKİN E., Özarslan Y.
   JOURNAL OF COMPUTER ASSISTED LEARNING, vol.42, no.1, 2026 (SSCI, Scopus)
6. **Student Performance Prediction With Large-Scale xAPI and SIS Data: Feature Importance and Ensemble Comparison**
   EMİRTEKİN E., Nuriyev U., Kisla T.
   IEEE ACCESS, vol.14, pp.124566-124583, 2026 (SCI-Expanded, Scopus)
7. **Large Language Model-Powered Automated Assessment: A Systematic Review**
   EMİRTEKİN E.
   APPLIED SCIENCES-BASEL, vol.15, no.10, 2025 (SCI-Expanded, Scopus)
8. **A Model Proposal with Deep Learning: On Student Success**
   EMİRTEKİN E.
   Journal of Modern Technology and Engineering, vol.9, no.2, pp.130-139, 2024 (Peer-Reviewed Journal)
9. **Sofalizing and its relationship with social media addiction and psychosocial factors: A new phenomenon among emerging adults**
   ABDELLAH Ş. B., KARADAĞ E., EMİRTEKİN E., Kircaburun K., Griffiths M. D.
   SOCIAL SCIENCE JOURNAL, vol.61, no.2, pp.378-390, 2024 (SSCI, Scopus)
10. **Social anxiety and social media addiction among emerging adults: The mediating role of 'sofalising'**
    KIRCABURUN K., TOSUNTAŞ Ş. B., EMİRTEKİN E., Koç G., BAHTİYAR M., Griffiths M. D.
    ULUSLARARASI DÜZCE EĞITIM BILIMLERI DERGISI = INTERNATIONAL JOURNAL OF DÜZCE EDUCATIONAL SCIENCES, vol.1, no.1, pp.13-19, 2023 (Peer-Reviewed Journal)
11. **Uses and gratifications of problematic mukbang watching - The role of eating and social gratification: A pilot study**
    Kircaburun K., Savci M., EMİRTEKİN E., Griffiths M. D.
    JOURNAL OF PSYCHIATRIC RESEARCH, vol.146, pp.28-30, 2022 (SCI-Expanded, SSCI, Scopus)

12. **The Role of Procrastination Between Personality Traits and Addictive Mukbang Watching Among Emerging Adults**
Kircaburun K., March E., Balta S., EMİRTEKİN E., KIŞLA T., Griffiths M. D.
SAGE OPEN, vol.12, no.1, 2022 (SSCI, Scopus)
13. **Problematic Mukbang Watching and Its Relationship to Disordered Eating and Internet Addiction: A Pilot Study Among Emerging Adult Mukbang Watchers**
Kircaburun K., Yurdagul C., Kuss D., EMİRTEKİN E., Griffiths M. D.
INTERNATIONAL JOURNAL OF MENTAL HEALTH AND ADDICTION, vol.19, no.6, pp.2160-2169, 2021 (SCI-Expanded, SSCI, Scopus)
14. **Childhood Emotional Abuse and Cyberbullying Perpetration: The Role of Dark Personality Traits**
Kircaburun K., Jonason P., Griffiths M. D., Aslanargun E., EMİRTEKİN E., ABDELLAH Ş. B., Billieux J.
JOURNAL OF INTERPERSONAL VIOLENCE, vol.36, no.21-22, 2021 (SSCI, Scopus)
15. **Psychopathological Consequences Related to Problematic Instagram Use Among Adolescents: The Mediating Role of Body Image Dissatisfaction and Moderating Role of Gender**
Yurdagul C., Kircaburun K., EMİRTEKİN E., Wang P., Griffiths M. D.
INTERNATIONAL JOURNAL OF MENTAL HEALTH AND ADDICTION, vol.19, no.5, pp.1385-1397, 2021 (SCI-Expanded, SSCI, Scopus)
16. **Development and Validation of the Mukbang Addiction Scale**
Kircaburun K., Stavropoulos V., Harris A., Calado F., EMİRTEKİN E., Griffiths M. D.
INTERNATIONAL JOURNAL OF MENTAL HEALTH AND ADDICTION, vol.19, no.4, pp.1031-1044, 2021 (SCI-Expanded, SSCI, Scopus)
17. **Study addiction and 'dark' personality traits: a cross-sectional survey study among emerging adults**
Kircaburun K., SÜRAL İ., March E., Balta S., EMİRTEKİN E., Griffiths M. D.
JOURNAL OF ADDICTIVE DISEASES, vol.39, no.3, pp.307-315, 2021 (SSCI, Scopus)
18. **The role of perceived feelings of presence and escapism in problematic mukbang watching among emerging adult mukbang watchers**
KIRCABURUN K., SAVCI M., EMİRTEKİN E., GRIFFITHS M. D.
Journal of Concurrent Disorders, 2021 (Peer-Reviewed Journal)
19. **Compensatory Usage of the Internet: The Case of Mukbang Watching on YouTube**
Kircaburun K., Balta S., EMİRTEKİN E., ABDELLAH Ş. B., Demetrovics Z., Griffiths M. D.
PSYCHIATRY INVESTIGATION, vol.18, no.4, pp.269-276, 2021 (SCI-Expanded, SSCI, Scopus)
20. **Childhood Emotional Abuse and Cyberbullying Perpetration Among Adolescents: The Mediating Role of Trait Mindfulness**
EMİRTEKİN E., Balta S., Kircaburun K., Griffiths M. D.
INTERNATIONAL JOURNAL OF MENTAL HEALTH AND ADDICTION, vol.18, no.6, pp.1548-1559, 2020 (SCI-Expanded, SSCI, Scopus)
21. **Online Course Success Prediction of Students with Machine Learning Methods**
EMİRTEKİN E., KARATAY M., KIŞLA T.
Journal of Modern Technology and Engineering, vol.5, no.3, 2020 (Peer-Reviewed Journal)
22. **The Mediating Role of Depression in the Relationship Between Body Image Dissatisfaction and Cyberbullying Perpetration**
Balta S., EMİRTEKİN E., Kircaburun K., Griffiths M. D.
INTERNATIONAL JOURNAL OF MENTAL HEALTH AND ADDICTION, vol.18, no.6, pp.1482-1492, 2020 (SCI-Expanded, SSCI, Scopus)
23. **Kodlama Eğitiminde İşbirlikli Öğrenme Yaklaşımı: Eşli Kodlama**
TOSUNTAŞ Ş. B., EMİRTEKİN E.
OPUS Uluslararası Toplum Araştırmaları Dergisi, vol.16, no.27, pp.490-515, 2020 (TRDizin)
24. **Etkileşimli Eğitsel Video ve Başarı Testinin Geliştirilmesi: IP Adresi Kavramı Örneği**
EMİRTEKİN E., POLAN Ş., KIŞLA T., DÖNMEZ O.
Etkileşimli Eğitsel Video ve Başarı Testinin Geliştirilmesi: IP Adresi Kavramı Örneği, vol.9, no.1, pp.42-51, 2020 (Peer-Reviewed Journal)

25. **Neuroticism, Trait Fear of Missing Out, and Phubbing: The Mediating Role of State Fear of Missing Out and Problematic Instagram Use**
Balta S., EMİRTEKİN E., Kircaburun K., Griffiths M. D.
INTERNATIONAL JOURNAL OF MENTAL HEALTH AND ADDICTION, vol.18, no.3, pp.628-639, 2020 (SCI-Expanded, SSCI, Scopus)
26. **Adolescents' eveningness chronotype and cyberbullying perpetration: the mediating role of depression-related aggression and anxiety-related aggression**
ABDELLAH Ş. B., Balta S., EMİRTEKİN E., Kircaburun K., Griffiths M. D.
BIOLOGICAL RHYTHM RESEARCH, vol.51, no.1, pp.40-50, 2020 (SCI-Expanded, SSCI, Scopus)
27. **Dark personality traits and problematic smartphone use: The mediating role of fearful attachment**
Balta S., Jonason P., Denes A., EMİRTEKİN E., ABDELLAH Ş. B., Kircaburun K., Griffiths M. D.
PERSONALITY AND INDIVIDUAL DIFFERENCES, vol.149, pp.214-219, 2019 (SSCI, Scopus)
28. **Eğitim ve Öğretim Teknolojileri Konusunda Yapılan Tezlerin İncelenmesi (2013-2018)**
TOSUNTAŞ Ş. B., EMİRTEKİN E., SÜRAL İ.
JOURNAL OF HIGHER EDUCATION AND SCIENCE (YUKSEKOGRETIM VE BILIM DERGISI), vol.9, no.2, pp.277-286, 2019 (TRDizin)
29. **Trait Emotional Intelligence and Problematic Social Media Use Among Adults: The Mediating Role of Social Media Use Motives**
SÜRAL İ., Griffiths M. D., Kircaburun K., EMİRTEKİN E.
INTERNATIONAL JOURNAL OF MENTAL HEALTH AND ADDICTION, vol.17, no.2, pp.336-345, 2019 (SCI-Expanded, SSCI, Scopus)
30. **The role of childhood emotional maltreatment and body image dissatisfaction in problematic smartphone use among adolescents**
EMİRTEKİN E., Balta S., SÜRAL İ., Kircaburun K., Griffiths M. D., Billieux J.
PSYCHIATRY RESEARCH, vol.271, pp.634-639, 2019 (SCI-Expanded, SSCI, Scopus)
31. **Yaşar Üniversitesi Açık ve Uzaktan Öğrenme Deneyimi Kurumsal Temel Derslerin Çevrimiçi Oluşturulması Yönetimi ve Sunumu**
ÖZARSLAN Y., EMİRTEKİN E., BALTA S.
EJOVOC: Electronic Journal of Vocational Colleges, vol.4, no.2, 2014 (Peer-Reviewed Journal)

Books

1. **Assessment in the Age of AI Feedback, Scoring, and Validity in Higher Education**
EMİRTEKİN E.
PEGEM AKADEMİ, Ankara, 2026
2. **Dijital Pedagojik Yeterlilik Bağlamında Yapay Zekâ: Teknolojinin Öğretim Süreçlerine İnsan Merkezli Entegrasyonu, Değerlendirme Ve Etik Sorumluluk**
EMİRTEKİN E., KIRCABURUN K.
in: Eğitimcilerin Dijital Yeterliliklerinin Dönüşümü: Teknoloji, Pedagoji ve Mesleki Gelişim, Vizetek, pp.80-103, 2026

Papers Presented at Peer-Reviewed Scientific Conferences

1. **TR-AES: A Rubric-Annotated Turkish Essay Corpus for Technology-Supported Assessment**
EMİRTEKİN E.
ERPA International Congresses on Education 2026, Kastamonu, Turkey, 23 - 25 September 2026, pp.19, (Summary Text)
2. **Cognitive offloading and coding problem solving: the serial roles of GenAI dependency and self-efficacy without GenAI**
EMİRTEKİN E., KIRCABURUN K.

International Congress on Artificial Intelligence and Interdisciplinary Applications, İstanbul, Turkey, 21 - 22 October 2026, (Summary Text)

3. **Unsupervised Defect Detection From Multivariate Process Data in Injection Molding: A Comparison of Classical, Deep Learning and Transformer-Based Methods**
   KARAKOÇ M., ORDİN B., EMİRTEKİN E.
   International Congress on Artificial Intelligence and Interdisciplinary Applications, İstanbul, Turkey, 21 October 2026, (Full Text)
4. **Vibe Coding in Education: A Conceptual Framework Proposal Based on an Integrative Review**
   EMİRTEKİN E., KARASU M., POLAN Ş.
   19th International Computer and Instructional Technologies Symposium, Tokat, Turkey, 19 October 2026, (Summary Text)
5. **Who Is Disadvantaged When AI Scores? A Focused Review of AI-Assisted Writing Assessment**
   EMİRTEKİN E.
   International Education Congress 2026, Gaziantep, Turkey, 9 September - 12 October 2026, pp.1691-1694, (Summary Text)
6. **Human-in-the-Loop LLM-Based Assessment in LMS Environments: Developing an LTI-Compatible Tool for Rubric-Guided Evaluation**
   EMİRTEKİN E.
   6th International Conference on Educational Technology and Online Learning, Bremen, Germany, 17 August 2026, pp.302, (Full Text)
7. **Prompting Future Journalists to Prompt: An Experiential Study on GenAI, Critical Literacy, and Reflective Practice in Data News**
   SEVEN M., OZAN ÖZARSLAN Ö., EMİRTEKİN E.
   5th International Conference on AI Research (ICAIR 2025), Genoa, Italy, 03 December 2025, vol.5, pp.681-685, (Full Text)
8. **Machine Learning Applications for Anomaly Detection**
   KARATAY M., EMİRTEKİN E.
   Information Security: Problems and Prospects İnternational Conference, Azerbaijan, 29 October 2021, (Summary Text)
9. **Etkileşimli Eğitsel Video ve Başarı Testinin Geliştirilmesi: Ip Kavramı Örneği**
   EMİRTEKİN E., POLAN Ş., KIŞLA T., DÖNMEZ O.
   7. Uluslararası Öğretim Teknolojileri ve Öğretmen Eğitimi Sempozyumu, Antalya, Turkey, 30 - 31 October 2019, (Summary Text)
10. **Focus on coding for teacher education: An empirical study.**
    TOSUNTAŞ Ş. B., EMİRTEKİN E., KIRCABURUN K.
    6th International Symposium on New Issues in Teacher Education, Valletta, Malta, 16 - 18 September 2019, pp.20-21, (Summary Text)
11. **Kodlama eğitiminde işbirlikli öğrenme yaklaşımı: Eşli kodlama**
    TOSUNTAŞ Ş. B., EMİRTEKİN E., KIRCABURUN K.
    VIth International Eurasian Educational Research Congress, Ankara, Turkey, 19 - 22 June 2019, pp.319-321, (Summary Text)
12. **E-Learning readiness of university students and effect on academic achievement**
    TOSUNTAŞ Ş. B., EMİRTEKİN E., ÇUBUKÇU Z.
    25th International Conference on Learning, Atina, Greece, 21 - 23 June 2018, (Summary Text)
13. **Programlama Öğretimi Konusundaki Çalışmaların İncelenmesi (2013-2018)**
    EMİRTEKİN E., POLAN Ş., GÜLER M. C., İNCEOĞLU M. M.
    12th International Computer & Instructional Technologies Symposium, İzmir, Turkey, 2 - 04 May 2018, (Summary Text)
14. **Bir Oyun Tasarım Programı Kodu Açık Dersinin Çokluortam Öğrenme İlkelerine Dayalı İncelenmesi**
    ATEŞ ÇOBANOĞLU A., ROVSHENOV A., EMİRTEKİN E., POLAN Ş., BOZKURT N.
    12th International Computer & Instructional Technologies Symposium, İzmir, Turkey, 2 - 04 May 2018,

(Summary Text)

15. **Eğitim ve öğretim teknolojileri alanında yapılan lisansüstü tezlerin incelenmesi (2013-2018)**
TOSUNTAŞ Ş. B., EMİRTEKİN E.
8th International Congress of Research in Education, Manisa, Turkey, 9 - 11 May 2018, pp.47, (Summary Text)
16. **Üniversite öğrencilerinin çevrimiçi öğrenme ortamlarını kabul ve kullanımlarının incelenmesi**
TOSUNTAŞ Ş. B., EMİRTEKİN E.
8th International Congress of Research in Education, Manisa, Turkey, 9 - 11 May 2018, pp.47, (Summary Text)
17. **OpenEdx ile Kitlesel Açık Çevrimiçi Ders Deneyimleri**
ÖZARSLAN Y., EMİRTEKİN E., SÜRAL İ.
XVIII. Akademik Bilişim Konferansı, Aydın, Turkey, 30 January - 05 February 2016, (Summary Text)
18. **Evaluation of online distance education courses A research from higher education institutions**
TOSUNTAŞ Ş. B., DANİŞMAN Ş., KARADAĞ E., EMİRTEKİN E., BAKER D. K., Arslan C. A.
The Third International Congress on Curriculum and Instruction: Curriculum Studies in Higher Education, Adana, Turkey, 22 - 24 October 2015, pp.384-386, (Summary Text)

Courses

Undergraduate
Veri Bilimi ve Analitiğine Giriş, Undergraduate, 2026 - 2027
Yapay Zeka ve Makine Öğrenimine Giriş, Undergraduate, 2026 - 2027
Makine Öğrenmesi Uygulamaları, Undergraduate, 2026 - 2027
Linux Temelleri, Undergraduate, 2026 - 2027

Peer Reviews in Scientific Publications

BIOMIMETICS (BASEL), Journal Indexed in SCI-E, November 2026
INFORMATION (SWITZERLAND), Journal Indexed in ESCI, November 2026
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, October 2026
BMC PSYCHOLOGY, Journal Indexed in SSCI, October 2026
JOURNAL OF VISUALIZED EXPERIMENTS, Journal Indexed in SCI-E, October 2026
AUSTRALASIAN JOURNAL OF EDUCATIONAL TECHNOLOGY, Journal Indexed in SSCI, August 2026
AUSTRALASIAN JOURNAL OF EDUCATIONAL TECHNOLOGY, Journal Indexed in SSCI, July 2026
ALGORITHMS, Journal Indexed in ESCI, July 2026
ALGORITHMS, Journal Indexed in ESCI, July 2026
Computers, Journal Indexed in ESCI, May 2026

Metrics

Publication: 51
Citation (WoS): 837
Citation (Scopus): 965
H-Index (WoS): 14
H-Index (Scopus): 15

Research Areas

Avesis Research Areas: Computer Education and Instructional Technology, Computer Science
WoS Research Areas: Education & Educational Research, Computer Science Artificial Intelligence

Scopus Research Areas: Education, Computer Science (miscellaneous)