

Curriculum Vitae – Gamze Mercan, PhD

Personal Information

Name: Gamze Mercan

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Education

- PhD, Mathematics and Science Education, Hacettepe University, 2022
- MSc, Nanotechnology and Nanomedicine, Hacettepe University, 2024
- MSc, Biology, Hacettepe University, 2016
- BSc, Biology, Hacettepe University, 2012

Teaching Experience

- PSC214 – Physiological Psychology (English), Istanbul Topkapı University, Spring 2024–2025
- PSY214 – Physiological Psychology, Istanbul Topkapı University, Summer 2024–2025
- PSY113 – History of Psychology, Istanbul Topkapı University, Summer 2024–2025

Google Scholar Metrics

- Total Citations: 163
- h-index: 7
- i10-index: 4
- Google Scholar Profile:
<https://scholar.google.com/citations?user=3L09bMIAAAAJ&hl=tr&oi=ao>

Research Projects

- Researcher, TÜBİTAK 1001 (2023–2024): Evaluation of parasite-derived microRNA biomarkers in cystic echinococcosis using magnetic nanobeads and multicolor quantum dots.
- Postdoctoral Researcher, TÜBİTAK 3005 (2022–2024): Identifying and addressing neuromyths in biology education via digital storytelling and argumentation.
- Doctoral Scholarship Holder, TÜBİTAK 3005 (2022): Neuromyths in biology education – digital storytelling-based intervention.
- Researcher, Hacettepe University BAP Projects (2015–2016): Informal tree science education; smartphone addiction among biology teacher candidates; nanobiomaterials for urethral repair.

- Educator, TÜBİTAK 4004 Tree Science School for Preschool Students (2015, 2018).

Awards

- İhsan Doğramacı Achievement Award, Hacettepe University Biology Department, 2012 (3rd in class).
- Turkish Education Foundation (TEV) Honor Graduate – Master’s level, 2016.

Research Interests

- Climate & Health Education
- Science Education and Environmental Literacy
- Digital Learning, AR/VR, and Metaverse in Education
- Neuromyths and Educational Neuroscience
- Nanotechnology in Biomedical Applications
- AI-Supported Learning Environments

Additional Information

- Experienced in mixed methods research, survey development, qualitative & quantitative analysis (MAXQDA Programm)
- Skilled in SPSS, R, and educational technology tools
- Experienced in cross-disciplinary and international project collaborations

Publications

A. International Peer-Reviewed Journal Articles

A1. Mercan, G. (2025). Google Veo 3 as a pedagogical partner: Ai-driven storytelling for conceptual, affective, and critical learning in science education. Sinop Üniversitesi Sosyal Bilimler Dergisi. <https://doi.org/10.30561/sinopUSD.1083116> (Accepted, in press, final proof [November, 2025]).

A2. Çetinkaya, M., Mercan, G., & Varol Selçuk, Z. (2025). The Impact of WhatsApp-Supported Blended Learning on Academic Achievement in Science Education Among Turkish Secondary School Students, International Journal of Eurasian Education and Culture , 10(30), 215-229.

A3. Çetinkaya, M., Mercan, G., & Varol Selçuk, Z. (2025).How Has Systems Thinking Evolved in Turkish Science Education? A Systematic Review (2015–2025). International Journal of Education Technology and Scientific Researches, 10(31), 220-242.

A4. Mercan, G., & Varol Selçuk, Z. (2025). 2547 Sayılı Yükseköğretim Kanunu Kapsamında Öğrenci Disiplin Soruşturmaları: Hukuki Çerçeve, Uygulamalar ve Anayasa Mahkemesi Kararlarının Etkisi. İzmir Barosu Dergisi, 90(2),87-155.

A5. Varol Selçuk, Z., Mercan, G., & Kaya, E. (2025). Environmental Justice Education: Awareness Or Transformation In Classrooms? A Systematic Review. Journal of Social Sciences and Education, 8(1), 114-133.

- A6.** Mercan, G., & Varol Selçuk, Z. (2025). Plant Blindness: An Invisible Barrier to Sustainable Development Goals (SDGs)?, *International Journal of Eurasian Education and Culture* , 10(29), 37-66.
- A7.** Çetinkaya, M., Mercan, G., & Varol Selçuk, Z. (2025). Mapping The Evolution of Systems Thinking in Science Education: A Bibliometric Analysis (January 2010 – December 2024). *International Journal of Education Technology and Scientific Researches*, 10(30), 55-74.
- A8.** Mercan, G., & Selçuk, Z. V. (2025). İlkokul öğrencilerinin kullan-at plastiklerin azaltılmasına yönelik yaratıcı drama temelli etkinlikler hakkındaki görüşlerinin incelenmesi. *Milli Eğitim Dergisi*, 54(245), 449-482.
- A9.** Mercan, G., & Selçuk, Z. V. (2025). Pharmacological properties and therapeutic potential of papaverine: A comprehensive review. *Phoenix Medical Journal*, 7(1), 1-4.
- A10.** Mercan, G., & Selçuk, Z. V. (2024). Revolutionizing biology education through artificial intelligence: Pedagogical strategies, innovations, and ethical frameworks. *Studies on Social and Education Sciences*, 2024, 112-131.
- A11.** Mercan, G., & Selçuk, Z. V. (2024). Systematic review of research on reality technology-based forest education. *SHS Web of Conference*, 206(01002), 1-15.
- A12.** Mercan, G., & Selçuk, Z. V. (2024). The transformation of climate justice: New approaches in environmental ethics and human-nature relations. *JENAS Journal of Environmental and Natural Studies*, 6(3) (In Honour of Nesrin Algan), 208 – 224.
- A13.** Mercan, G., Selçuk, Z. V., Kaya, E. (2024). Research on Mobile Learning (M-Learning) in Higher Education: A Systematic Review (2016 to 2023). *Journal of Human and Social Sciences*, 7 (2), 286-307.
- A14.** Mercan, G., & Selçuk, Z. V. (2024). Progress in Utilizing Chitosan-Based Nanoparticles for Pulmonary Drug Administration. *ODÜ Tıp Dergisi*, 11 (2), 99-114.
- A15.** Mercan, G., & Selçuk, Z. V. (2024). The Role of Metaverse Technology in Education: A Systematic Review of Opportunities, Challenges, and Educational Potential. *Sakarya University Journal of Education*, 14 (2), 360-375.
- A16.** Mercan, G., & Selçuk, Z. V. (2024). Integrating environmental justice and education: A comprehensive review. *Eurasian Journal of Forest Science*, 12 (2), 73-83.
- A17.** Mercan, G., & Selçuk, Z. V. (2024). An examination of 9th-12th grade textbooks within the scope of the 2018 secondary education biology curriculum in the context of values education: A document analysis. *Studies in Educational Research and Development*, 8(1), 1-13.
- A18.** Mercan, G., & Selçuk, Z. V. (2024). Artificial intelligence (ai) activities in legal practices. *International Journal of Eurasian Education and Culture* 9 (25), 131-144.
- A19.** Mercan, G., & Selçuk, Z. V. (2024). Investigating the impact of game-based learning and gamification strategies in physical education: A comprehensive systematic review. *Journal of Interdisciplinary Education: Theory and Practice* 6 (1), 1-14.

- A20.** Alper, İ.S., Akpınarlı, S.S., Mercan, G., & Köseoğlu, P. (2024). Understanding brain functions of prospective biology teachers from an educational neuroscience perspective: A qualitative study with a phenomenological design. *Abant İzzet Baysal Üniversitesi Eğitim Fakültesi Dergisi*, 24 (1), 481-504.
- A21.** Köseoğlu, P., Altun, A., & Mercan, G. (2024). Integrating technology in education to address conceptual misunderstandings: The argumentation-based digital storytelling (DS) flow model. In *INTED2024 Proceedings* (pp. 4026-4032). IATED.
- A22.** Selçuk, Z. V., Mercan, G., & Köseoğlu, P. (2024). Enhancing neurology and neuroscience education through gamification: Investigating its applications, confronting challenges, and identifying opportunities. *International Journal of Education Technology and Scientific Researches*, 9(26), 184-193.
- A23.** Mercan, G., Akpınarlı, S. S., & Köseoğlu, P. (2024). Preliminary information on the development of measurement tools for plant awareness: A review study. *International Journal Of Eurasia Social Sciences*, 14 (53), 210-222.
- A24.** Pehlivan, H., & Mercan, G. (2023). The Legacy of Anatolian Teacher High School: An Evaluation of the Quality and Importance of Teacher Training in Türkiye from the Perspective of Graduates *Gazi Üniversitesi Gazi Eğitim Fakültesi Dergisi*, 43(3), 2063-2100.
- A25.** Selçuk, Z. V., Mercan, G., & Köseoğlu, P. (2023). Research on Digital Storytelling (DST) in the Context of Information and Communication Technologies (ICT): A Systematic Review (January 2018-June 2023). *Milli Eğitim Dergisi*, 941-970.
- A26.** Mercan, G., Selçuk, Z. V., & Köseoğlu, P. (2023). Technological Approaches in Mathematics and Science Education: Microlearning. *Journal of Social Sciences And Education*, 6(Education Special Issue), 380-400.
- A27.** Mercan, G. (2023). Türkiye Çevre Eğitim Vakfı (TÜRÇEV)'nin çevre eğitimindeki öncü rolü: sürdürülebilir gelecek için eğitim ve bilinçlendirme çalışmalarının incelenmesi. *International Journal of Eurasia Social Sciences*, 14(53).
- A28.** Mercan, G., Altun, A., & Köseoğlu, P. (2023). Öğretmen Adaylarının Beyin İşlevlerine İlişkin Nöromitlerinin (Doğru Bilinen Yanlışlarının) Belirlenmesi: Hacettepe Üniversitesi Örnekleme. *Ihlara Eğitim Araştırmaları Dergisi*, 8(1), 1-16.
- A29.** Mercan, G., & Selçuk, Z. V. (2023). Non-Governmental Organizations (NGOs) Operating in the Field of Biology Education in Germany. *Journal of Interdisciplinary Education: Theory and Practice*, 5(1), 42-50.
- A30.** Köseoğlu, P., Mercan, G. (2016). The educational use of Facebook as a social networking site in animal physiology classes. *World Journal on Educational Technology: Current Issues*, 8 (3), 258-266.
- A31.** Köseoğlu, P., Mercan, G. (2016). Hacettepe University biology teacher candidates'smartphone usage in education. *The Online Journal of New Horizons in Education*, 6(3), 60-68.

- A32.** Mercan, G., & Koseoglu, P. (2023). The place of trees in the concept of environmental education and biodiversity in the secondary education biology curriculum, *Trakya Journal of Education*, 13(1), 854- 867.
- A33.** Pehlivan, H., & Mercan, G. (2023). Öğretmen adaylarının kopya çekmeye ilişkin metaforik algılarının incelenmesi. *Abant İzzet Baysal Üniversitesi Eğitim Fakültesi Dergisi*, 23(2), 789-810.
- A34.** Mercan, G., & Köseoğlu, P. (2022). Examining the Scientific Creativity of Biology Teacher Candidates According to their Problem-Solving Skills. *Batı Anadolu Eğitim Bilimleri Dergisi*, 13(2), 1423-1439.
- A35.** Yolay, H., Selçuk, Z. V., Mercan, G., & Köseoğlu, P. (2022). Çevre Dostu Yaklaşım Olarak Ekolojik Kimlik: Lise Öğrencileri Örnekleme. *Karaelmas Eğitim Bilimleri Dergisi*, 10(2), 103-117.
- A36.** Mercan, G., & Köseoğlu, P. (2022). Biology Teachers' Level of Recognition of Trees in Their Close Environment. *Journal of Education and Future*, (21), 41-53.
- A37.** Mercan, G., Tibi, M.H., Altun, A., & Köseoğlu, P. (2022). A Comparative Study about High School Teachers' Neuromyths in Turkey and Israel. *Journal of Interdisciplinary Education: Theory and Practice*, 4(2), 98-108.
- A38.** Mercan, G., & Köseoğlu, P. (2021). The document analysis of graduate theses on the subject of threedimensional virtual environments in Turkey. *Eğitim Teknolojisi Kuram Ve Uygulama*, 11(2), 236-255.
- A39.** Köseoğlu, P., Mercan, G., Gökbulut, Ö. Ö., & Pehlivanoğlu, E. (2021). STRCT-Inquiry- based science schools in nature: Effect on environmental awareness on preschool teachers and preschool children. *Kastamonu Eğitim Dergisi*, 29(3), 654- 669.
- A40.** Köseoğlu, P., Mercan, G. & Pehlivanoğlu, E. (2020). “9. Sınıf lise öğrencilerine yönelik okul dışı ortamda gerçekleştirilen ağaçbilim eğitimi” projesinin değerlendirilmesi. *Bolu Abant İzzet Baysal Üniversitesi Eğitim Fakültesi Dergisi*, 20 (2), 904-931.
- A41.** Mercan, G., Köseoğlu, P. (2019). Biyoloji öğretmen adaylarının yakın çevrelerindeki ağaçları tanıma düzeyleri: Ankara ili örneği. *Yüzüncü Yıl Üniversitesi Eğitim Fakültesi Dergisi*, 16(1), 538-560.
- A42.** Mercan, G., Gürten, E., Köseoğlu, P. (2019). Biyoloji öğretmen adaylarının bilimsel bilgileri günlük yaşamları ile ilişkilendirebilme durumlarının incelenmesi. *Eğitimde Nitel Araştırmalar Dergisi*, 7(1), 320-343.
- A43.** Köseoğlu, P., Mercan, G. (2018). Biyoloji öğretmen adaylarının nanoteknolojiye yönelik algıları. *Erzincan Üniversitesi Eğitim Fakültesi Dergisi*, 20(3), 687-706.
- A44.** Köseoğlu, P., Mercan, G. (2016). Hacettepe University biology teacher candidates' smart phone usage in education. *The Online Journal of New Horizons in Education*, 6(3), 60-68.

B. International Conference Papers (Proceedings)

- B1.** Çetinkaya, M., Mercan, G., & Varol Selçuk, Z. (2025). A systems thinking approach to climate change and resource scarcity: An integrated framework for urban sustainability. 2025 International System Dynamics Conference (ISDC2025), 3–7 August 2025, Boston, USA.
- B2.** Selçuk, Z. V., Mercan, G., & Kaya, E. (2025). Çevre adaleti eğitimi: Sınıflarda farkındalık mı, dönüşüm mü? Bir sistematik derleme. I. Uluslararası Karadeniz Eğitim Bilimleri Kongresi (UKEBK), 2–4 Mayıs 2025, Trabzon.
- B3.** Mercan, G., & Selçuk, Z. V. (2024). Systematic review of research on reality technology-based forest education. International Congresses on Education (ERPA) 2024, 13–15 September 2024, Balıkesir.
- B4.** Selçuk, Z. V., Kaya, E., & Mercan, G. (2024). Research on mobile learning (M-Learning) in higher education: A systematic review (2016 to 2023). International Congress of Integrated Social Research and Interdisciplinary Studies, 30–31 May–1 June 2024, Batumi, Georgia.
- B5.** Mercan, G., & Varol Selçuk, Z. (2024). Biomedical applications of nanofibers produced by electrospinning method in tissue renewal: A comprehensive systematic review. 15th International Medicine and Health Sciences Researches Congress, 23–24 March 2024.
- B6.** Varol Selçuk, Z., Kaya, E., & Mercan, G. (2024). Research on mobile learning in higher education: A systematic review (2016 to 2023). International Congress of Integrated Social Research and Interdisciplinary Studies, 30–31 May–1 June 2024, Batumi, Georgia.
- B7.** Mercan, G. (2024). The influence of socio-scientific issues and technology on problem-based learning: A systematic analysis. Frühjahrsschule der Didaktik der Biologie 2024, Leuphana Universität Lüneburg.
- B8.** Mercan, G., & Varol Selçuk, Z. (2023). Metaverse teknolojisinin eğitimdeki rolü: Fırsatları, zorlukları ve eğitsel potansiyeline dair sistematik bir derleme. EDUCongress 2023, 20–23 September 2023, Ankara University, Türkiye.
- B9.** Mercan, G., Varol Selçuk, Z., & Köseoğlu, P. (2023). Endüstri 4.0'ın gözlüğüyle Teknolojik Pedagojik Alan Bilgisi (TPAB): Bibliometrik analizle yenilikçi eğitimin geleceğini inceleme. EDUCongress 2023, 20–23 September 2023, Ankara University, Türkiye.
- B10.** Mercan, G., Varol Selçuk, Z., & Köseoğlu, P. (2023). Technological approaches in mathematics & science education: Microlearning. The 15th Conference of the European Science Education Research Association (ESERA 2023), Cappadocia, Türkiye.
- B11.** Mercan, G., & Köseoğlu, P. (2023). Ağaç türlerinin öğretiminde üç boyutlu sanal ortam tasarımı ve kullanılabilirlik analizi. 10th International Eurasian Educational Research Congress, Ankara.

- B12.** Varol Selçuk, Z., Mercan, G., & Özer Keskin, M. (2023). Sanal müze ve artırılmış gerçeklik müze uygulamalarının öğrenme başarısı üzerindeki etkisi: Meta-sentez çalışması. 10th International Eurasian Educational Research Congress, Ankara.
- B13.** Mercan, G., Akpınarlı, S. S., & Köseoğlu, P. (2023). Bitki farkındalığına yönelik geliştirilebilecek ölçme araçlarına yönelik ön bilgi: Derleme araştırması. 10th International Eurasian Educational Research Congress, Ankara.
- B14.** Alper, İ. S., Akpınarlı, S. S., Mercan, G., & Köseoğlu, P. (2023). Determination and examination of neuromyths of prospective biology teachers. 24. Internationale Frühjahrsschule, Goethe Universität Frankfurt am Main, Germany.
- B15.** Mercan, G., & Köseoğlu, P. (2023). Design process of three-dimensional multi-user virtual environments for teaching tree species. 24. Internationale Frühjahrsschule, Goethe Universität Frankfurt am Main, Germany.
- B16.** Köseoğlu, P., Altun, A., & Mercan, G. (2021). Determination of neuromyths regarding brain functions among prospective teachers: Hacettepe University sample. International Conference on Neuroscience and Education (IConNE), 23–26 September 2021, Istanbul.
- B17.** Yolay, H., Selçuk, Z. V., Mercan, G., & Köseoğlu, P. (2022). Çevre dostu yaklaşım olarak ekolojik kimlik: Lise öğrencileri örneklemini. 2. Uluslararası İnfomal Öğrenme Kongresi, 10–12 June 2022, Ankara.
- B18.** Köseoğlu, P., & Mercan, G. (2016). Hacettepe University biology teacher candidates' smartphone usage in education. International Teacher Education Conference (ITEC) 2015, 2–4 September 2015, St. Petersburg, Russia.

C. Books and Book Chapters

- C2.1.** Mercan, G., Varol Selçuk, Z., & Bornaun, T. (2025). Google Veo 3-enhanced multimedia problem-based learning in medical education: An AI-driven multimodal framework for next-generation clinical teaching and learning. In H. Akgül, E. Şahna, & Z. Selamoğlu (Eds.), *International Studies and Evaluations in the Field of Health Sciences* (pp. 194–214). Ankara: Serüven Yayınevi.
- C2.2.** Mercan, G., & Selçuk, Z. V. (2025). Teaching machine learning through educational robotics. In S. B. Kert (Ed.), *Effective Computer Science Education in K–12 Classrooms* (pp. 293–318). IGI Global Publishing. <https://doi.org/10.4018/979-8-3693-4542-9.ch011>
- C2.3.** Mercan, G., & Varol Selçuk, Z. (2024). Multimedia-enabled problem-based learning in medical education: Technology-supported solutions and evidence synthesis for the digital era. In H. Akgül, E. Şahna, & Z. Selamoğlu (Eds.), *International Studies and Evaluations in the Field of Health Sciences* (pp. 211–244). Ankara: Serüven Yayınevi.
- C2.4.** Mercan, G., Selçuk, Z. V., & Köseoğlu, P. (2024). İklim değişikliği ve sistem düşüncesi: Etkili çözüm stratejilerinin geliştirilmesine yönelik kapsamlı bir literatür

incelemesi. In E. Bay & G. Öztürk (Eds.), *Fen ve Matematik Eğitimi Alanında Uluslararası Araştırma ve Değerlendirmeler* (pp. 1–40). Ankara: Serüven Yayınevi.

C2.5. Mercan, G., & Selçuk, Z. V. (2024). Biyoloji eğitiminde sıfır atık konusunun öğretiminde yaratıcı drama temelli etkinliklerin geliştirilmesi (pp. 83–114). In M. Algül & M. Akgül (Eds.), *Eğitim Bilimleri Alanında Güncel Çalışmalar*. Ankara: Platanus Yayınevi.

C2.6. Mercan, G., & Selçuk, Z. V. (2024). Türk Ceza Kanunu (TCK)'nda göçmen kaçakçılığı suçu: Hukuki yapı ve uygulamalar (pp. 51–97). In S. Baysan (Ed.), *Hukuk Alanında Güncel Çalışmalar*. Ankara: Platanus Yayınevi.

C2.7. Mercan, G. (2023). Integration of digital technologies in mathematics education: Pedagogical perspectives and innovative practices. In *International Academic Research and Reviews in Educational Sciences* (pp. 345–356). Ankara: Serüven Publishing.

C2.8. Selçuk, Z. V., Mercan, G., & Köseoğlu, P. (2023). Neurological correlates of educational achievement: Evaluating the efficacy of fMRI and EEG in learning assessments. In *International Academic Research and Reviews in Educational Sciences* (pp. 345–356). Ankara: Serüven Publishing.

C2.9. Selçuk, Z. V., Mercan, G., & Köseoğlu, P. (2023). The place of the use of digital storytelling in educational sciences. In *International Academic Research and Reviews in Educational Sciences* (March 2023, pp. 25–44). Ankara: Serüven Publishing.

C2.10. Mercan, G., Selçuk, Z. V., & Köseoğlu, P. (2023). Examining the future of innovative education through a bibliometric analysis: Technological pedagogical content knowledge (TPACK) in the lens of Industry 4.0. In *International Academic Research and Reviews in Educational Sciences* (October 2023, pp. 55–70). Ankara: Serüven Publishing.

C2.11. Mercan, G., & Köseoğlu, P. (2023). Digitalization of higher education in the digital age: The world's current digital transformation and its goals. In *Global Perspectives on the Internationalization of Higher Education* (pp. 278–299). IGI Global.

C2.12. Mercan, G., Doğan, D., Köseoğlu, P., & Tüzün, H. (2022). Design process of three-dimensional multi-user virtual environments (3D MUVES) for teaching tree species (pp. 752–772). In *Research Anthology on Virtual Environments and Building the Metaverse*. IGI Global.

C2.13. Mercan, G., & Köseoğlu, P. (2021). Ezber bozan Z kuşağının eğitim-öğrenme sürecinde bilgi ve iletişim teknolojilerinin yeri: Dijital oyunlar örneği. In D. A. Aslaner & A. G. Aslaner (Eds.), *Dijital Çağda Z Kuşağı Gerçekleri* (pp. 212–230). İstanbul: Kriter Yayınevi.

C2.14. Köseoğlu, P., & Mercan, G. (2021). Botanik bahçeleri. In A. İ. Şen (Ed.), *Etkinliklerle Okul Dışı Öğrenme Ortamları* (pp. 181–216). Ankara: Pegem Akademi.

C2.15. Yaşar-Akyar, Ö., Mercan, G., & Demirhan, G. (2020). Exploring needs of ICT for enhancing inclusive education in Turkey: Challenges of ICT integration in education

through the views of experts from business, government and university sectors. *Memorias y Boletines de la Universidad del Azuay*, 146–185.

C2.16. Mercan, G., Doğan, D., Köseoğlu, P., & Tüzün, H. (2020). Enriching teaching and learning environments with contemporary technologies: Design process of three-dimensional multi-user virtual environments (3D MUVES) for teaching tree species. In M. Durnali & İ. Limon (Eds.). USA: IGI Global.

C2.17. Köseoğlu, P., & Mercan, G. (2019). Okul dışı öğrenme ortamları: Botanik bahçeleri (pp. 216–241). In A. İ. Şen (Ed.), *Etkinliklerle Okul Dışı Öğrenme Ortamları*. Ankara: Pegem Akademi.

C2.18. Köseoğlu, P., & Mercan, G. (2016). Üniversite öğrencilerinin “hava ve hava kirliliği” kavramlarına ilişkin metaforik algıları. *Pegem Atıf İndeksi*, 259–268.

D. National Peer-Reviewed Journal Articles

D1. Mercan, G., Ağaçkesen, E., Büyüker, İ., & Bayar, E. (2023). Medical waste management and management of waste during the COVID-19 pandemic. *Avrasya Sosyal ve Ekonomi Araştırmaları Dergisi*, 10(1), 258–285.

D2. Köseoğlu, P., Gökbulut, Ö., Pehlivanoglu, E., & Mercan, G. (2019). Okul öncesi ağaç bilim okulu etkinlikleri. *İnformel Ortamlarda Araştırmalar Dergisi*, 4(1), 84–101.

D3. Gökbulut, Ö. Ö., Pehlivanoglu, E., & Mercan, G. (2019). Okul öncesi ağaç bilim okulu etkinlikleri. *İnformel Ortamlarda Araştırmalar Dergisi*, 4(2), 84–101.

D4. Köseoğlu, P., Gökbulut, Ö., Pehlivanoglu, E., & Mercan, G. (2016). Okul öncesi öğrencilerine yönelik gerçekleştirilen “ağaç bilim okulu” projesinin değerlendirilmesi. *İnformel Ortamlarda Araştırmalar Dergisi*, 1(1), 61–69.

E. National Conference Papers

E1. Turhan, F., Mercan, G., Çin, H., Ceylan, Z., & Delikanlı, N. S. (2024). İlkokul öğrencilerinin kullan-at plastik kullanımının azaltılmasında yaratıcı drama temelli etkinliklere ilişkin görüşlerinin incelenmesi. II. Ankara Ulusal Eğitim Yönetimi Kongresi, 21–24 Mayıs 2024, Ankara.

E2. Varol Selçuk, Z., Mercan, G., & Köseoğlu, P. (2022). Bilgi ve iletişim teknolojileri (BİT) bağlamında dijital hikâye (DH) ile ilgili araştırmaların sistematik derleme ile incelenmesi (Ocak 2018–Mayıs 2022). IV. Ulusal Biyoloji Eğitimi Kongresi Bildiri Özetleri Kitabı (pp. 121–122). Ankara: Gazi Üniversitesi.