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Academic Employments

- 2022 – ···· **Assoc. Prof.**, Department of Software Engineering, Faculty of Engineering and Natural Sciences, Bandirma Onyedi Eylul University, Balikesir, Turkey.
- 2017 – 2022 **Assoc. Prof.**, Department of Computer Education and Instructional Technology, Faculty of Education, Tokat Gaziosmanpasa University, Tokat, Turkey.
- 2014 – 2017 **Assist. Prof.**, Department of Computer Education and Instructional Technology, Faculty of Education, Tokat Gaziosmanpasa University, Tokat, Turkey.
- 2012 – 2013 **Visiting Scholar**, Ted Rogers School of Information Technology Management, Ryerson University, Toronto, ON, Canada.
- 2005 – 2013 **Research Assistant**, Department of Information Systems, Middle East Technical University, Ankara, Turkey.

Education

- 2009 – 2013 **Ph.D., Middle East Technical University**, Information Systems.
Dissertation title: *Organizational Adoption of Mobile Communication Technologies*. (GPA: 3.83/4)
- 2006 – 2009 **M.Sc., Middle East Technical University**, Information Systems.
Thesis title: *Technological Innovation Model for Public Sector*. (GPA: 3.44/4)
- 2002 – 2005 **B.Sc., Anadolu University**, Computer Education and Instructional Technology.
Distinguished Graduate. (GPA: 3.45/4)

Administrative Appointments

- 2017 – 2020 **Certain Member**, Educational Technology Commission, Tokat Gaziosmanpasa University.
- 2016 – 2019 **Department Chair**, Department of Computer Education and Instructional Technology, Faculty of Education, Tokat Gaziosmanpasa University.
- Faculty Board Member**, Faculty of Education, Tokat Gaziosmanpasa University.
- 2014 – 2020 **Director**, Distance Education Application and Research Center, Tokat Gaziosmanpasa University.

Awards

- 2022 **The Most Influential Scientists in the World Award**, Bandirma Onyedi Eylul University.
- World Scientists Award** (AD Scientific Index), Bandirma Onyedi Eylul University.
- 2021 **World's Top 2% Scientists**, Stanford University.
- 2020 **The most influential scientists in the World**, Stanford University.
- 2010 **Best Paper Award**, International Future-Learning Conference on Innovations in Learning.

Awards (continued)

- 2009  **Best Paper Award**, European and Mediterranean Conference on Information Systems (EMCIS).
- 2005  **Distinguished Graduate**, Department of Computer Education and Instructional Technology, Anadolu University.

Publications

Journal Articles Indexed in SCI-E/SSCI

- 1 **Arpaci, I.** (2022). Predicting problematic smartphone use based on early maladaptive schemas by using machine learning classification algorithms. *Journal of Rational-Emotive & Cognitive-Behavior Therapy*.
 doi:<https://doi.org/10.1007/s10942-022-00450-6>
- 2 **Arpaci, I.**, Karatas, K., Baloglu, M., & Haktanir, A. (2022). COVID-19 phobia in the United States: Validation of the COVID-19 phobia scale (C19P-SE). *Death Studies*, 46(3), 553–559.
 doi:<https://doi.org/10.1080/07481187.2020.1848945>
- 3 **Arpaci, I.**, & Sevinc, K. (2022). Development of the cybersecurity scale (CS-S): Evidence of validity and reliability. *Information Development*, 38(2), 218–226.  doi:<https://doi.org/10.1177/0266666921997512>
- 4 Gundogan, S., & **Arpaci, I.** (2022). Depression as a mediator between fear of COVID-19 and death anxiety. *Current Psychology*.  doi:<https://doi.org/10.1007/s12144-022-03120-z>
- 5 Karatas, K., **Arpaci, I.**, & Yildirim, Y. (2022). Predicting the culturally responsive teacher roles with cultural intelligence and self-efficacy using machine learning classification algorithms. *Education and Urban Society*.  doi:<https://doi.org/10.1177/00131245221087999>
- 6 Al-Sharafi, M. A., Al-Emran, M., Iranmanesh, M., Al-Qaysi, N., Iahad, N. A., & **Arpaci, I.** (2022). Understanding the impact of knowledge management factors on the sustainable use of AI-based chatbots for educational purposes using a hybrid SEM-ANN approach. *Interactive Learning Environments*.  doi:<https://doi.org/10.1080/10494820.2022.2075014>
- 7 **Arpaci, I.** (2021c). Relationships between early maladaptive schemas and smartphone addiction: The moderating role of mindfulness. *International Journal of Mental Health and Addiction*, 19(3), 778–792.
 doi:<https://doi.org/10.1007/s11469-019-00186-y>
- 8 **Arpaci, I.**, Huang, S., Al-Emran, M., Al-Kabi, M. N., & Peng, M. (2021). Predicting the COVID-19 infection with fourteen clinical features using machine learning classification algorithms. *Multimedia Tools and Applications*, 80(8), 11943–11957.  doi:<https://doi.org/10.1007/s11042-020-10340-7>
- 9 **Arpaci, I.**, Karatas, K., Kiran, F., Kusci, I., & Topcu, A. (2021). Mediating role of positivity in the relationship between state anxiety and problematic social media use during the COVID-19 pandemic. *Death Studies*.  doi:<https://doi.org/10.1080/07481187.2021.1923588>
- 10 **Arpaci, I.**, Tak, P., & Shekhawat, H. (2021). The moderating role of exhibitionism in the relationship between psychological needs and selfie-posting behavior. *Current Psychology*.
 doi:<https://doi.org/10.1007/s12144-021-01732-5>
- 11 Barzegari, S., **Arpaci, I.**, Ranjbar, A. Z., Afrooz, E., & Ghazisaeedi, M. (2021). Persian version of the smartphone addiction inventory (SPAI-PV): Psychometric evidence of validity and reliability. *International Journal of Mental Health and Addiction*.
 doi:<https://doi.org/10.1007/s11469-021-00666-0>
- 12 Ghazisaeedi, M., Mahmoodi, H., **Arpaci, I.**, Mehrdar, S., & Barzegari, S. (2021). Validity, reliability, and optimal cut-off scores of the WHO-5, PHQ-9, and PHQ-2 to screen depression among university students in Iran. *International Journal of Mental Health and Addiction*.
 doi:<https://doi.org/10.1007/s11469-021-00483-5>

- 13 Karatas, K., & **Arpaci, I.** (2021a). The mediating role of tolerance in the relationship between cultural intelligence and xenophobia. *Asia Pacific Education Review*, 22(1), 119–127.
doi:https://doi.org/10.1007/s12564-021-09675-z
- 14 Muhametjanova, G., Adanır, G. A., & **Arpaci, I.** (2021). Investigation of gaming habits, personality traits, and internet gaming disorder among Kyrgyz adolescents. *International Journal of Mental Health and Addiction*. doi:https://doi.org/10.1007/s11469-021-00628-6
- 15 Alshurideh, M., Al Kurdi, B., Salloum, S. A., **Arpaci, I.**, & Al-Emran, M. (2020). Predicting the actual use of m-learning systems: A comparative approach using PLS-SEM and machine learning algorithms. *Interactive Learning Environments*. doi:https://doi.org/10.1080/10494820.2020.1826982
- 16 **Arpaci, I.** (2020a). Gender differences in the relationship between problematic internet use and nomophobia. *Current Psychology*. doi:https://doi.org/10.1007/s12144-020-01160-x
- 17 **Arpaci, I.** (2020c). What drives students' online self-disclosure behaviour on social media? a hybrid SEM and artificial intelligence approach. *International Journal of Mobile Communications*, 18(2), 229–241.
doi:https://doi.org/10.1504/IJMC.2020.105847
- 18 **Arpaci, I.**, Abdeljawad, T., Baloglu, M., Kesici, S., Mahariq, I. et al. (2020). Mediating effect of internet addiction on the relationship between individualism and cyberbullying: Cross-sectional questionnaire study. *Journal of Medical Internet Research*, 22(5), e16210. doi:https://doi.org/10.2196/16210
- 19 **Arpaci, I.**, Alshehabi, S., Al-Emran, M., Khasawneh, M., Mahariq, I., Abdeljawad, T., & Hassanien, A. E. (2020). Analysis of Twitter data using evolutionary clustering during the COVID-19 pandemic. *Computers, Materials & Continua*, 65(1), 193–204. doi:https://doi.org/10.32604/cmc.2020.0114895
- 20 **Arpaci, I.**, & Basol, G. (2020). The impact of preservice teachers' cognitive and technological perceptions on their continuous intention to use flipped classroom. *Education and Information Technologies*, 25(5), 3503–3514. doi:https://doi.org/10.1007/s10639-020-10104-8
- 21 **Arpaci, I.**, Al-Emran, M., & Al-Sharafi, M. A. (2020). The impact of knowledge management practices on the acceptance of massive open online courses (MOOCs) by engineering students: A cross-cultural comparison. *Telematics and Informatics*, 54, 101468.
doi:https://doi.org/10.1016/j.tele.2020.101468
- 22 **Arpaci, I.**, & Esgi, N. (2020). Psychometric properties of the Turkish version of the smartphone addiction inventory (SPAI). *Current Psychology*, 39(6), 2246–2251.
doi:https://doi.org/10.1007/s12144-018-9913-8
- 23 **Arpaci, I.**, & Gundogan, S. (2020). Mediating role of psychological resilience in the relationship between mindfulness and nomophobia. *British Journal of Guidance & Counselling*.
doi:https://doi.org/10.1080/03069885.2020.1856330
- 24 **Arpaci, I.**, Karatas, K., & Baloglu, M. (2020). The development and initial tests for the psychometric properties of the COVID-19 phobia scale (C19P-S). *Personality and Individual Differences*, 164, 110108.
doi:https://doi.org/10.1016/j.paid.2020.110108
- 25 **Arpaci, I.**, & Kocadag Unver, T. (2020). Moderating role of gender in the relationship between big five personality traits and smartphone addiction. *Psychiatric Quarterly*, 91(2), 577–585.
doi:https://doi.org/10.1007/s11126-020-09718-5
- 26 Baloglu, M., Sahin, R., & **Arpaci, I.** (2020). A review of recent research in problematic internet use: Gender and cultural differences. *Current Opinion in Psychology*, 36, 124–129.
doi:https://doi.org/10.1016/j.copsyc.2020.05.008
- 27 Al-Emran, M., **Arpaci, I.**, & Salloum, S. A. (2020). An empirical examination of continuous intention to use m-learning: An integrated model. *Education and Information Technologies*, 25(4), 2899–2918.
doi:https://doi.org/10.1007/s10639-019-10094-2

- 28 Al-Emran, M., Al-Marouf, R., Al-Sharafi, M. A., & **Arpaci, I.** (2020). What impacts learning with wearables? an integrated theoretical model. *Interactive learning environments*.
 doi:https://doi.org/10.1080/10494820.2020.1753216
- 29 **Arpaci, I.** (2019a). A hybrid modeling approach for predicting the educational use of mobile cloud computing services in higher education. *Computers in Human Behavior, 90*, 181–187.
 doi:https://doi.org/10.1016/j.chb.2018.09.005
- 30 **Arpaci, I.** (2019c). Culture and nomophobia: The role of vertical versus horizontal collectivism in predicting nomophobia. *Information Development, 35*(1), 96–106.
 doi:https://doi.org/10.1177/0266666917730119
- 31 **Arpaci, I.**, Baloglu, M., & Kesici, S. (2019). A multi-group analysis of the effects of individual differences in mindfulness on nomophobia. *Information Development, 35*(2), 333–341.
 doi:https://doi.org/10.1177/0266666917745350
- 32 **Arpaci, I.**, Baloglu, M., & Kesici, S. (2018). The relationship among individual differences in individualism-collectivism, extraversion, and self-presentation. *Personality and Individual Differences, 121*, 89–92. doi:https://doi.org/10.1016/j.paid.2017.09.034
- 33 **Arpaci, I.**, Kesici, Ş., & Baloğlu, M. (2018). Individualism and internet addiction: The mediating role of psychological needs. *Internet Research*. doi:https://doi.org/10.1108/IntR-11-2016-0353
- 34 **Arpaci, I.**, Yalcin, S. B., Baloglu, M., & Kesici, S. (2018). The moderating effect of gender in the relationship between narcissism and selfie-posting behavior. *Personality and Individual Differences, 134*, 71–74. doi:https://doi.org/10.1016/j.paid.2018.06.006
- 35 **Arpaci, I.** (2017a). Antecedents and consequences of cloud computing adoption in education to achieve knowledge management. *Computers in Human Behavior, 70*, 382–390.
 doi:https://doi.org/10.1016/j.chb.2017.01.024
- 36 **Arpaci, I.**, Baloglu, M., Kozan, H. I. O., & Kesici, S. (2017). Individual differences in the relationship between attachment and nomophobia among college students: The mediating role of mindfulness. *Journal of Medical Internet Research, 19*(12), e8847. doi:https://doi.org/10.2196/jmir.8847
- 37 **Arpaci, I.** (2016d). Understanding and predicting students' intention to use mobile cloud storage services. *Computers in Human Behavior, 58*, 150–157.
 doi:https://doi.org/10.1016/j.chb.2015.12.067
- 38 **Arpaci, I.**, & Baloğlu, M. (2016). The impact of cultural collectivism on knowledge sharing among information technology majoring undergraduates. *Computers in Human Behavior, 56*, 65–71.
 doi:https://doi.org/10.1016/j.chb.2015.11.031
- 39 **Arpaci, I.** (2015a). A comparative study of the effects of cultural differences on the adoption of mobile learning. *British Journal of Educational Technology, 46*(5), 699–712.
 doi:https://doi.org/10.1111/bjet.12160
- 40 **Arpaci, I.**, Kilicer, K., & Bardakci, S. (2015). Effects of security and privacy concerns on educational use of cloud services. *Computers in Human Behavior, 45*(5), 93–98.
 doi:https://doi.org/10.1016/j.chb.2014.11.075
- 41 **Arpaci, I.**, Yardimci Cetin, Y., & Turetken, O. (2015a). A cross-cultural analysis of smartphone adoption by Canadian and Turkish organizations. *Journal of Global Information Technology Management, 18*(3), 214–238. doi:https://doi.org/10.1080/1097198X.2015.1080052
- 42 **Arpaci, I.**, Yardimci Cetin, Y., & Turetken, O. (2015b). Impact of perceived security on organizational adoption of smartphones. *Cyberpsychology, Behavior, and Social Networking, 18*(10), 602–608.
 doi:https://doi.org/10.1089/cyber.2015.0243

- 1 Barzegari, S., **Arpaci, I.**, Hasani, A., Zabihi, A., & Nazari, R. (2022). Psychometric properties of the Persian COVID-19 phobia scale. *Journal of Nursing and Midwifery Sciences*.
- 2 Karatas, K., & **Arpaci, I.** (2022). The mediating role of cultural intelligence in the relationship between social justice and global citizenship. *Critical Questions in Education*, 13(1), 25-39. Retrieved from <https://academyedstudies.files.wordpress.com/2022/01/karatas-arpaci-final.pdf>
- 3 Arpaci, I., Karatas, K., Baloglu, M., & Kesici, S. (2021). A cross-cultural analysis of the influence of psychological needs and cultural individualism on problematic Internet use. *International Archives of Addiction Research and Medicine*, 7(1), 033. [doi:https://doi.org/10.23937/2474-3631](https://doi.org/10.23937/2474-3631)
- 4 **Arpaci, I.**, Alshehabi, S., Mahariq, I., & Topcu, A. E. (2021). An evolutionary clustering analysis of social media content and global infection rates during the COVID-19 pandemic. *Journal of Information & Knowledge Management*, 20(3), 2150038. [doi:https://doi.org/10.1142/S0219649221500386](https://doi.org/10.1142/S0219649221500386)
- 5 **Arpaci, I.**, Seong, M., & Karatas, K. (2021). Pandemic awareness scale (PAS): Evidence of validity and reliability in a Turkish sample during the COVID-19 pandemic. *Trends in Psychology*. [doi:https://doi.org/10.1007/s43076-021-00113-y](https://doi.org/10.1007/s43076-021-00113-y)
- 6 Karatas, K., & **Arpaci, I.** (2021b). The role of self-directed learning, metacognition, and 21st century skills predicting the readiness for online learning. *Contemporary Educational Technology*, 13(3), ep300. [doi:https://doi.org/10.30935/cedtech/10786](https://doi.org/10.30935/cedtech/10786)
- 7 **Arpaci, I.** (2020b). The influence of social interactions and subjective norms on social media postings. *Journal of Information & Knowledge Management*, 19(3), 2050023. [doi:https://doi.org/10.1142/S0219649220500239](https://doi.org/10.1142/S0219649220500239)
- 8 **Arpaci, I.**, Durdu, P. O., & Mutlu, A. (2019). The role of self-efficacy and perceived enjoyment in predicting computer engineering students' continuous use intention of scratch. *International Journal of E-Adoption (IJEA)*, 11(2), 1-12. [doi:https://doi.org/10.4018/IJEA.2019070101](https://doi.org/10.4018/IJEA.2019070101)
- 9 Ozteke Kozan, H. I., Baloglu, M., Kesici, S., & **Arpaci, I.** (2019). The role of personality and psychological needs on the problematic Internet use and problematic social media use. *Addicta: The Turkish Journal on Addictions*, 6(2), 203-219. [doi:https://doi.org/10.15805/addicta.2018.6.2.0029](https://doi.org/10.15805/addicta.2018.6.2.0029)
- 10 **Arpaci, I.** (2018). An investigation of the relationship between university students' innovativeness profile and their academic success in the project development course. *Journal of Entrepreneurship and Innovation Management*, 7(2), 79-95. Retrieved from <https://dergipark.org.tr/tr/pub/jeim/issue/52607/692543>
- 11 Kilicer, K., Bardakci, S., & **Arpaci, I.** (2018). Investigation of emerging technology usage characteristics as predictors of innovativeness. *Contemporary Educational Technology*, 9(3), 225-245. [doi:https://doi.org/10.30935/cet.444100](https://doi.org/10.30935/cet.444100)
- 12 **Arpaci, I.** (2017d). The role of self-efficacy in predicting use of distance education tools and learning management systems. *Turkish Online Journal of Distance Education*, 18(1), 52-62. [doi:https://doi.org/10.17718/tojde.285715](https://doi.org/10.17718/tojde.285715)
- 13 **Arpaci, I.** (2016a). An investigation of the relationship between cultural orientations and collaborative learning and its implications on higher education. *Sakarya University Journal of Education*, 6(2), 209-221. [doi:https://doi.org/10.19126/suje.22570](https://doi.org/10.19126/suje.22570)
- 14 Seyfi, M., & **Arpaci, I.** (2016). The relationship between appearance concerns and selfie sharing on social media. *Connectist: Istanbul University Journal of Communication Sciences*, 51(2), 143-154. [doi:https://doi.org/10.17064/iuidf.289386](https://doi.org/10.17064/iuidf.289386)
- 15 **Arpaci, I.** (2015b). A qualitative study on the adoption of bring your own device (BYOD) practice. *International Journal of E-Adoption (IJEA)*, 7(2), 1-14. [doi:https://doi.org/10.4018/IJEA.2015070101](https://doi.org/10.4018/IJEA.2015070101)

- 16 **Arpaci, I.** (2015c). A study on the adoption of scratch by pre-service information technology teachers. *Istanbul Journal of Open and Distance Education*, 1(2), 77-86.
- 17 **Arpaci, I.** (2015e). Student assessment of teaching effectiveness in entrepreneurship course at the faculty of education. *Sakarya University Journal of Education Faculty*, 30, 138-154.
- 18 **Arpaci, I., Yardimci, Y. C., Ozkan, S., & Turetken, O.** (2012). Organizational adoption of information technologies: A literature review. *International Journal of ebusiness and egovernment Studies*, 4(2), 37-50.
- 19 **Arpaci, I.** (2011b). Innovation policy and technological innovation in the public organizations. *METU Studies in Development*, 38(2), 111-123.
- 20 **Arpaci, I., & Gurbuz, T.** (2011). Innovation in learning: Innovative tools and techniques for learning. *International Journal of E-Adoption (IJEa)*, 3(1), 29-37.
[doi:https://doi.org/10.4018/jea.2011010104](https://doi.org/10.4018/jea.2011010104)
- 21 **Arpaci, I.** (2010). E-government and technological innovation in Turkey: Case studies on governmental organizations. *Transforming Government: People, Process and Policy*, 4(1), 37-53.
[doi:https://doi.org/10.1108/17506161011028795](https://doi.org/10.1108/17506161011028795)

Book Chapters

- 1 Barzegari, S., **Arpaci, I.**, & Mahmoudvand, Z. (2022). Spatial accessibility to hospitals based on GIS: An empirical study in Ardabil. In *Recent advances in intelligent systems and smart applications. studies in systems, decision and control (vol.4)*. Springer.
- 2 Bannani, K. S., & **Arpaci, I.** (2022). Factors influencing individual and organizational adoption of cryptocurrencies. In S. Goutte, K. Guesmi, & S. Saadi (Eds.), *Cryptofinance: A new currency for a new economy* (pp. 147-169). [doi:https://doi.org/10.1142/12353](https://doi.org/10.1142/12353)
- 3 Hancerliogullari Koksalmis, G., & **Arpaci, I.** (2022). Predicting the intention to use cryptocurrencies: Extending the technology acceptance model (TAM) with perceived risk theory. In *Recent advances in intelligent systems and smart applications. studies in systems, decision and control (vol.4)*. Springer.
- 4 **Arpaci, I.** (2021a). Infrastructures: Sustainable technologies. In T. Cura (Ed.), *Bilişim sistemleri. (m: Information systems, 4e)*. Nobel.
- 5 **Arpaci, I.** (2021b). Predicting adoption of visual programming languages: An extension of the technology acceptance model. In M. Al-Emran & K. Shaalan (Eds.), *Recent advances in technology acceptance models and theories* (pp. 41-55). [doi:https://doi.org/10.1007/978-3-030-64987-6](https://doi.org/10.1007/978-3-030-64987-6)
- 6 **Arpaci, I., Al-Emran, M., Al-Sharafi, M. A., & Shaalan, K.** (2021). A novel approach for predicting the adoption of smartwatches using machine learning algorithms. In M. Al-Emran, K. Shaalan, & A. Hassanien (Eds.), *Recent advances in intelligent systems and smart applications* (pp. 185-195).
[doi:https://doi.org/10.1007/978-3-030-47411-9_10](https://doi.org/10.1007/978-3-030-47411-9_10)
- 7 Baloglu, M., Karatas, K., & **Arpaci, I.** (2021). Psychological and socio-economic effects of the COVID-19 pandemic on Turkish population. In **I. Arpaci, M. Al-Emran, M. A. Al-Sharafi, & G. Marques** (Eds.), *Emerging technologies during the era of COVID-19 pandemic* (pp. 245-258).
[doi:https://doi.org/10.1007/978-3-030-67716-9_15](https://doi.org/10.1007/978-3-030-67716-9_15)
- 8 Al-Emran, M., & **Arpaci, I.** (2021). Intelligent systems and novel coronavirus (COVID-19): A bibliometric analysis. In **I. Arpaci, M. Al-Emran, M. A. Al-Sharafi, & G. Marques** (Eds.), *Emerging technologies during the era of COVID-19 pandemic* (pp. 59-67). [doi:https://doi.org/10.1007/978-3-030-67716-9_5](https://doi.org/10.1007/978-3-030-67716-9_5)
- 9 Al-Emran, M., Malik, S. I., **Arpaci, I.**, & Mathew, R. (2021). Comparison of e-learning, m-learning, and game-based learning applications for introductory programming courses: An empirical evaluation using the TAM. In M. Al-Emran & K. Shaalan (Eds.), *Recent advances in technology acceptance models and theories* (pp. 293-309). [doi:https://doi.org/10.1007/978-3-030-64987-6](https://doi.org/10.1007/978-3-030-64987-6)

- 10 Al-Marroof, R. A., **Arpaci, I.**, Al-Emran, M., Salloum, S. A., & Shaalan, K. (2021). Examining the acceptance of whatsapp stickers through machine learning algorithms. In M. Al-Emran, K. Shaalan, & A. Hassanien (Eds.), *Recent advances in intelligent systems and smart applications* (pp. 209–221).
[doi:https://doi.org/10.1007/978-3-030-64987-6](https://doi.org/10.1007/978-3-030-64987-6)
- 11 **Arpaci, I.** (2019b). A theoretical framework for it consumerization: Factors influencing the adoption of BYOD. In E. C. Idemudia (Ed.), *Handbook of research on technology integration in the global world* (pp. 114–129). [doi:https://doi.org/10.4018/978-1-5225-6367-9.ch006](https://doi.org/10.4018/978-1-5225-6367-9.ch006)
- 12 **Arpaci, I.** (2017b). Design and development of educational multimedia: The software development process for mobile learning. In M. Khosrow-Pour (Ed.), *Blended learning: Concepts, methodologies, tools, and applications* (pp. 366–384). [doi:https://doi.org/10.4018/978-1-5225-0783-3.ch018](https://doi.org/10.4018/978-1-5225-0783-3.ch018)
- 13 **Arpaci, I.** (2016c). Design and development of educational multimedia: The software development process for mobile learning. In J. Holland (Ed.), *Handbook of research on wearable and mobile technologies in education* (pp. 272–285). [doi:https://doi.org/10.4018/978-1-60960-489-9.ch08](https://doi.org/10.4018/978-1-60960-489-9.ch08)
- 14 Yarlıkaş, S., Arpacı, İ., & Afacan, G. (2015). User acceptance of e-government services: Analysis of users' satisfaction level based on technology acceptance model. In *Public affairs and administration: Concepts, methodologies, tools, and applications* (pp. 1684–1697).
[doi:https://doi.org/10.4018/978-1-4666-8358-7](https://doi.org/10.4018/978-1-4666-8358-7)
- 15 **Arpaci, I.**, & Gurbuz, T. (2013). Innovation in learning: Innovative tools and techniques for learning. In S. K. Sharma (Ed.), *Adoption of virtual technologies for business, educational, and governmental advancements* (pp. 117–125). [doi:https://doi.org/10.4018/978-1-4666-2053-7.ch009](https://doi.org/10.4018/978-1-4666-2053-7.ch009)
- 16 Yarlikas, S., **Arpaci, I.**, & Afacan, G. (2013). User acceptance of e-government services: Analysis of users' satisfaction level based on technology acceptance model. In I. Yetkiner, M. Pamukcu, & E. Erdil (Eds.), *Industrial dynamics, innovation policy, and economic growth through technological advancements* (pp. 348–362). [doi:https://doi.org/10.4018/978-1-4666-1978-4.ch018](https://doi.org/10.4018/978-1-4666-1978-4.ch018)
- 17 **Arpaci, I.** (2011a). E-Turkey: Turkey's way to the information society. In D. Piaggese, K. Sund, & W. Castelnovo (Eds.), *Global strategy and practice of e-governance: Examples from around the world* (pp. 272–285). [doi:https://doi.org/10.4018/978-1-60960-489-9.ch015](https://doi.org/10.4018/978-1-60960-489-9.ch015)

Books

- 1 **Arpaci, I.**, Al-Emran, M., Al-Sharafi, M. A., & Marques, G. (2021). *Emerging technologies during the era of COVID-19 pandemic*. Springer. Retrieved from <https://doi.org/10.1007/978-3-030-67716-9>
- 2 Yildiz, E., & **Arpaci, I.** (2021). *Matematik eğitiminde yenilikçi teknolojiler*. Nobel.
- 3 **Arpaci, I.**, & Arifoglu, A. (2010). *Technological innovation model for public sector: Management of innovation in the public organizations*. Lambert Academic Publishing.

Conference Proceedings

- 1 Barzegari, S., **Arpaci, I.**, & Marznaki, Z. H. (2022). Determining factors affecting nurses' acceptance of a hospital information system using a modified technology acceptance model 3. In *International conference on information systems and intelligent applications*. Springer.
- 2 Mehdinezhad, H., **Arpaci, I.**, Rahmani, M., Vahidafshar, T., & Barzegari, S. (2022). Psychometric properties and validation of the Persian version of the health information technology usability evaluation scale. In *International conference on information systems and intelligent applications*. Springer.
- 3 **Arpaci, I.**, Barzegari, S., & Askarian, F. (2021). Adoption of picture archiving and communication system (PACS) by healthcare professionals. In *International conference on emerging technologies and intelligent systems* (pp. 807–813). Springer. Virtual Conference.

- 4 **Arpaci, I.**, Barzegari, S., Mahmoodi, H., Afrooz, E., & Ranjbar, A. Z. (2021). Psychometric characteristics of the Iranian smartphone addiction inventory short form (SPAI-SF). In *International conference on emerging technologies and intelligent systems* (pp. 633–641). Springer. Virtual Conference.
- 5 Seong, M., & **Arpaci, I.** (2021). Pandemic awareness scale (PAS) development and evidence of validity and reliability. In *The Korean society of psychiatric nursing conference*. The Korean Society of Psychiatric.
- 6 **Arpaci, I.**, & Eldemir, S. (2019a). An investigation of the relationship between nomophobia and smartphone addiction. In *13th international computer and instructional technologies symposium*. ICITS, Kırşehir, Turkey.
- 7 **Arpaci, I.**, & Eldemir, S. (2019b). An investigation of the relationships between mindfulness, personality characteristics and nomophobia. In *13th international computer and instructional technologies symposium*. ICITS, Kırşehir, Turkey.
- 8 **Arpaci, I.**, Cobanoğlu, L., & Oner, I. E. (2018). An investigation of the relationship between school administrators' technology leadership competencies and project submissions. In *13th international congress on educational administration*. UEYK, Sivas, Turkey.
- 9 **Arpaci, I.**, Esgi, N., & Ünver Kocadağ, T. (2018). An investigation of the relationship between smartphone addiction and five factor personality traits. In *12th international computer and instructional technologies symposium*. ICITS, Izmir, Turkey.
- 10 **Arpaci, I.**, & Öner, I. E. (2018). The relationship between the socio-cultural orientations and technological pedagogical and content knowledge (TPACK) competencies. In *13th international congress on educational administration*. UEYK, Sivas, Turkey.
- 11 **Arpaci, I.** (2017c). Factors predicting the use of smartphones for information management in education. In *11th international computer and instructional technologies symposium*. ICITS, Malatya, Turkey.
- 12 **Arpaci, I.**, Baloğlu, M., Ozteke Kozan, H. I., & Kesici, S. (2017). Individual differences in the relationship between attachment and nomophobia: The mediating role of mindfulness. In *2nd international academic research congress*. INES, Alanya, Turkey.
- 13 **Arpaci, I.**, & Özdağ, M. E. (2017). Designing a prerequisite knowledge level determination algorithm for intelligent tutoring systems. In *11th international computer and instructional technologies symposium*. ICITS, Malatya, Turkey.
- 14 **Arpaci, I.** (2016b). Classical and contemporary learning paradigms, theories, and models: A systematic review. In *10th international computer and instructional technologies symposium*. ICITS, Rize, Turkey.
- 15 **Arpaci, I.** (2016e). Understanding the antecedents and determinants of educational use of knowledge management systems. In *International conference on innovative teaching and technology in higher education*, Istanbul, Turkey.
- 16 **Arpaci, I.** (2015d). Acceptance of scratch among pre-service information technology teachers. In *Digital life environment congress*. DLE, Istanbul, Turkey.
- 17 Mahariq, I., **Arpaci, I.**, & Kuzuoglu, M. (2015). Analysis of scattering from perfect electric conducting cylinders by spectral element method. In *IEEE computational electromagnetics international workshop (CEM)* (pp. 1–2). IEEE. [doi:https://doi.org/10.1109/CEM.2015.7237421](https://doi.org/10.1109/CEM.2015.7237421)
- 18 **Arpaci, I.** (2014). Using tablets to enhance teaching and learning: Advantages, limitations, and suggested solutions. In *8th international computer and instructional technologies symposium*. ICITS, Edirne, Turkey.
- 19 **Arpaci, I.**, Yardimci, Y. C., & Turetken, O. (2013). The impact of cultural differences on smartphone adoption by organizations. In *Third international conference on innovative computing technology (intech 2013)* (pp. 421–423). IEEE. London, UK.

- 20 **Arpaci, I.**, Yardimci, Y. C., & Turetken, O. (2012). Organizational adoption of mobile communication technologies. In *9th European, Mediterranean and Middle Eastern conference on information systems*. EMCIS, Munich, Germany.
- 21 **Arpaci, I.**, & Ates, H. (2010). Organizational and cultural challenges of e-government. In *2nd international conference on e-government and e-governance*, Antalya, Turkey.
- 22 **Arpaci, I.**, Gürbüz, T., & Yarlıkaş, S. (2010). New technologies in e-learning: Creative tools of web 2.0 and semantic web. In *3rd international future-learning conference on innovations in learning for the future 2010: E-learning*, Istanbul, Turkey.
- 23 **Arpaci, I.**, & Uzun, Y. (2010). The innovation portfolio: Strategies, concepts and methodologies. In *2nd international eurasia business and economic society conference*. EBES, Istanbul, Turkey.
- 24 **Arpaci, I.**, Yarlıkaş, S., & Afacan, G. (2010). User acceptance of e-government services: Analysis of users' satisfaction level based on technology acceptance model. In *4th international conference on industrial dynamics, innovation policy and growth*, Izmir, Turkey.
- 25 **Arpaci, I.** (2009a). E-government and service innovation: Challenges and drivers. In *International conference on government: Sharing experiences*, Antalya, Turkey.
- 26 **Arpaci, I.** (2009b). Managing public innovation: Toward developing a new model for public organizations. In *4th Mediterranean conference on information systems*. MCIS, Athens, Greece.
- 27 **Arpaci, I.**, & Arifoglu, A. (2009). E-transformation and technological innovation in Turkey. In *European and Mediterranean conference on information systems*. EMCIS, Izmir, Turkey.
- 28 **Arpaci, I.**, & Gürbüz, T. (2009a). Innovative learning environments for new approaches in education. In *3rd international computer and instructional technologies symposium*. ICITS, Trabzon, Turkey.
- 29 **Arpaci, I.**, & Gürbüz, T. (2009b). The changing role of universities as a catalyst for innovation. In *International conference on changing universities: Governance, relevance, performance*. ICITS, Istanbul, Turkey.

Projects





- 2019 – 2020 **Manager**, Design, development, and implementation of distance education non-thesis master's programs for teachers, Education and Research Infrastructure Support and Development Program Project (Project Number: 2019/73). Tokat Gaziosmanpasa University.
- 2016 – 2017 **Manager**, Distance Education Financial Information System (FI) Module, Tokat Gaziosmanpasa University Scientific Research Project Grant (Project Number: 2016/04).
- 2019 – 2012 **Researcher**, METU Integrated Information Systems (IIS) Project, Middle East Technical University.
- 2006 – 2008 **Developer**, Design and development of the courseware for Informatics Online (The first online M.Sc. degree program in Turkey), Middle East Technical University.
- 2003 – 2014 **Developer**, Launch and Design of the Information Management Program (The first on-line associate degree program in Turkey), Anadolu University, Open Education Faculty.
- 2002 – 2005 **Developer**, Distance Education Software Project (Design and development of tutorials and practice software), Anadolu University, Open Education Faculty.

Miscellaneous Experience




Teaching Experience

- Autumn **Computer Networking**
- Software Requirements and Analysis**



Miscellaneous Experience (continued)

- Spring  Scientific Research Methods
-  Database Concepts and Applications
-  Problem Solving and Algorithms
-  Fundamentals of Software Engineering











Supervised Theses

- 2021  **M.Sc. Thesis**, “Development of cybercrime awareness scale (CAS): Validity and reliability study ” by Ersin Ates.
-  **M.Sc. Thesis**, “Development of the cybersecurity scale (CS-S): Evidence of validity and reliability” by Kadir Sevinc.
-  **M.Sc. Thesis**, “Investigation of the relationships between psychological needs, mindfulness and nomophobia” by Sümeyye Eldemir.

Grants and Achievements

- 2013 – 2014  **Research Grant**, Ted Rogers School of Management Internal Research Grant for project titled “Organizational adoption of mobile communication technologies.”
- 2012 – 2013  **Scholarship**, Higher Education Council of Turkey Doctoral Research Scholarship.

Professional Memberships

- 2021  **Editor**, Emerging technologies during the era of COVID-19 pandemic, Springer.
- 2021 –  **Associate Editor**, Frontiers in Education - Digital Education (ESCI).
- 2020 –  **Editorial Board Member**, Contemporary Educational Technology (Eric, Scopus).
- 2019 –  **Scientific Board Member**, International Conference on Emerging Technologies and Intelligent Systems (ICETIS).
-  **Scientific Board Member**, International Conference on Telecommunication Systems and Networks.
- 2018 –  **Editorial Board Member**, Knowledge Management and E-Learning (ESCI, Scopus).
-  **Editorial Board Member**, Information Management.
- 2017  **Editor**, Turkish Journal of Electrical Engineering and Computer Sciences (SCI-E).
- 2014 –  **Scientific Board Member**, International Computer and Instructional Technologies Symposium (ICITS).
- 2009  **Member**, The Institute of Electrical and Electronics Engineers (IEEE).

Talks, Panalist and Referee

- 2022  **Speaker**, TUBITAK Science Talks, Problematic Technology Use.
-  **Referee**, TEKNOFEST Technology Competitions.
-  **Referee**, TUBITAK 4007 Projects.
- 2021  **Referee**, TUBITAK 4004 Projects.
- 2020  **Project Panelist**, TUBITAK 1071 Projects.
-  **Consultant**, TUBITAK 1005 Projects.
- 2019  **Referee**, TUBITAK 1501 TEYDEB Projects.
-  **Referee and Committee**, Tokat Teknopark, Hackathon, Smart Agriculture Software.
-  **Referee**, Ministry of Education, Tokat is Coding Project.
- 2017  **Project Panelist**, TUBITAK 1003 Projects.
- 2016  **Consultant**, TUBITAK Social Sciences and Humanities Research Grant Committee.
-  **Referee**, Ministry of Education, A Software Story Project.

Miscellaneous Experience (continued)

- 📌 **Project Panelist**, TUBITAK 1001 Projects in Educational Technology Panel.

Certification

- 2022 📌 **Certificate**. Higher Education Institutions Foreign Language Test (YÖKDİL) Score 92.5.
- 2020 📌 **Certificate**. OKA Project Cycle Management PCM.
- 2019 📌 **Certificate**. TRIZ Problem-Solving and Design Thinking.
- 2018 📌 **Certificate**. Certificate in Entrepreneurship.
📌 **Certificate**. KOSGEB Entrepreneurship Certificate.
- 2015 📌 **Certificate**. TUBITAK Project Development in Engineering and Natural Sciences.
- 2014 📌 **Certificate**. Nvivo 10 Qualitative Data Analysis.
- 2003 📌 **Certificate**. System Programming in C.