

Berna UZUN

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Date of Birth/Place: 20 March, 1987

Language

Turkish (native)

English (fluent in speaking, writing)

Arabic (medium)

Spanish (basic in speaking, writing)

Education

Ph.D in Econometrics/Operational Research, 2015 -2020. Çukurova University. Faculty of Economics and Administrative Sciences, Department of Econometrics, Adana, 01330, Turkey, thesis title: “Markov Analysis of the Fuzzy States and Its Economic Applications”.

Master of Social Science, Econometrics/Operational Research, 2010-2015. Çukurova University. Faculty of Economics and Administrative Sciences, Department of Econometrics, Adana, 01330, Turkey. Masters' thesis title: “Fuzzy Matrices and Fuzzy Markov Chains”.

Bachelor Science, Mathematics, 2005-2009. Çukurova University, Faculty of Science and Letters, Mathematics Department 01330, Adana, Turkey.

Current Position

Assist Prof. Dr., Aug. 2020-Present, Mathematics Department, Faculty of Arts and Sciences, Near East University, Nicosia/TRNC, Mersin-10, Turkey

Lecturer., Sep. 2016-Present, Mathematics Department, Faculty of Arts and Sciences, Near East University, Nicosia/TRNC, Mersin-10, Turkey

Job Experiences

Aug. 2020-Present, Assist. Prof., Near East University, Mathematics Department, Faculty of Arts and Sciences

Sep. 2016 – Present, Lecturer, Near East University, Mathematics Department, Faculty of Arts and Sciences

Sep. 2015-Jun. 2016, Mathematics Teach., Kızılkas Second. Sch.

Jan. 2015 – Jun. 2015, English Teach., Akkapı A.T. Industrial High Sch.

Sep. 2014 –Dec. 2014, Mathematics Teach., Yunusoğlu Second. Sch.
Feb. 2013 – Jun. 2013, Mathematics Teach., Seyhan Municipality Second. Sch.
Dec. 2012, Mathematics Teach., Adana Men High School

Teaching Experience

❖ Undergraduate (2016-)

Calculus I-II
Economics for Engineers
Fuzzy Logic
Linear Algebra
Advanced Calculus for Engineers
Numerical Analysis
Statistics I-II
Probability and Statistics
Differential Equations I
Differential Equations II
Complex Analysis
Fundamentals of Mathematics

Fellowships

1. October 2019-December 2019, Researcher&Technical shifter in CMS experiment, The European Organization for Nuclear Research, 1211 Geneva/Switzerland.
2. September 2013-June 2014, Autonoma de Barcelona University, Physics Institute Executive Assistant, Erasmus Internship Program, Barcelona / Spain.
3. September 2011-June 2012, Lazarski University, Faculty of Economics and Business Administration, Erasmus Education Program, Warsaw / Poland.

Publications

1. **Uzun, B.**, Uzun Ozsahin, D., Hamdan, H., Charafeddine, J., Ünsal, G., Ozyer, D., 2021. Optimization of Dental Devices and Tools Used on Teeth. BioMed Research International, Article ID 9913788 (SCI-E).
2. Alyousifi, Y., Kırıl, E., **Uzun, B.**, Kamarulzaman, I. 2021. New Application of Fuzzy Markov Chain Modeling for Air Pollution Index Estimation. Water Air Soil Pollution 232, 276. <https://doi.org/10.1007/s11270-021-05172-6>, (SCI)
3. Ozsahin, D., Gelisen, M., Taiwo, M., Agachan, Y., Rahi, D. and Uzun, B., 2021. Decision Analysis of the COVID-19 Vaccines. The EuroBiotech Journal, 5(s1), pp.20-2, (E-SCI)
4. Baddal, B., Sanlidag, T., **Uzun, B.** and Uzun Ozsahin, D., 2021. The use of double border-screening strategy in the surveillance and prevention of COVID-19. Journal of Infection and Public Health, (SCI-E)
5. Gokçekuş, H., Uzun Ozsahin, D., Eini, N. and **Uzun, B.**, 2021. Evaluating and selecting the best domestic water standards. Desalination and Water Treatment, 215, pp.380-387, (SCI).

6. Yildirim, F., Sayan, M., Sanlidag, T., **Uzun, B.**, Ozsahin, D. and Ozsahin, I., 2021. Comparative Evaluation of the Treatment of COVID-19 with Multicriteria Decision-Making Techniques. *Journal of Healthcare Engineering*, 2021, pp.1-11, (SCI-E).
7. Sayan, M., Sarigul Yildirim, F., Sanlidag, T., **Uzun, B.**, Uzun Ozsahin, D. and Ozsahin, I., 2020. Capacity Evaluation of Diagnostic Tests For COVID-19 Using Multicriteria Decision-Making Techniques. *Computational and Mathematical Methods in Medicine*, 2020, pp.1-8, (SCI-E)
8. Erdagli, H., Uzun Ozsahin, D., **Uzun, B.**, Evaluation and simulation of breast cancer imaging devices using multi-criteria decision theory, 2020 *JINST* **15** C05029, (SCI-E).
9. Gökçekuş, H., Kıral, E., Kıral, G., Eini, N., **Uzun, B.**, Analysis and prediction of annual precipitation values in Cyprus, *Desalination and Water Treatment* 2020, doi: 10.5004/dwt.2020.25088, (SCI-E).
10. Gelete, G., Gokcekus, H., Uzun Ozsahin, D., **Uzun, B.**, Gichamo, T., Evaluating disinfection techniques of water treatment, *Desalination and Water Treatment* 2020, doi: 10.5004/dwt.2020.25070, (SCI-E).
11. Gichamo, T., Gokcekus, H., Uzun Ozsahin, D., Gelete, G., **Uzun, B.**, Evaluation of different natural wastewater treatment alternatives by fuzzy PROMETHEE method, *Desalination and Water Treatment* 2020, doi: 10.5004/dwt.2020.25049, (SCI-E).
12. Yahya, M.N., Gokcekus, H., Uzun Ozsahin, D., **Uzun, B.**, Evaluation of wastewater treatment technologies using TOPSIS, *Desalination and Water Treatment* 2020, (SCI-E).
13. **Uzun, B.**, Sarigül Yıldırım, F., Sayan, M., Şanlıdağ, T., Uzun Ozsahin, D., The Use of Fuzzy PROMETHEE Technique in Antiretroviral Combination Decision in Pediatric HIV Treatments, 2019 *Advances in Science and Engineering Technology International Conferences (ASET) IEEE Xplore*, 2019, (WOS/Scopus).
14. Sayan, M., Sultanoglu, N., **Uzun, B.**, Sarigül Yıldırım, F., Şanlıdağ, T., Uzun Ozsahin, D., Determination of Post-Exposure Prophylaxis Regimen in the Prevention of Potential Pediatric HIV-1 Infection by the Multi-criteria Decision Making Theory, 2019 *Advances in Science and Engineering Technology International Conferences (ASET) IEEE Xplore*, 2019, (WOS/Scopus).
15. Sultanoglu, N., **Uzun, B.**, Sarigül Yıldırım, F., Sayan, M., Şanlıdağ, T., Uzun Ozsahin, D., Selection of the Most Appropriate Antiretroviral Medication in Determined Aged Groups (≥ 3 years) of HIV-1 Infected Children, 2019 *Advances in Science and Engineering Technology International Conferences (ASET) IEEE Xplore*, 2019, (WOS/Scopus).
16. Uzun Ozsahin, D., Ozsahin, I., **Uzun, B.**, Abdulhaqq Isa, N., Mok, G.S.P., Comparative Analysis of the Common Scintillation Crystals Used in Nuclear Medicine Imaging Devices, 2018 *IEEE Nuclear Science Symposium and Medical Imaging Conference Proceedings (NSS/MIC), IEEE XPLORE*, 2019, (WOS/Scopus).
17. Sultanoglu, N., **Uzun, B.**, Sarigül Yıldırım, F., Sayan, M., Şanlıdağ, T., Uzun Ozsahin, D., Selection of the Most Appropriate Antiretroviral Medication in Determined Aged Groups (≥ 3 years) of HIV-1 Infected Children, *Advances in Science and Engineering Technology International Conferences (ASET) IEEE Xplore*, 2019, (WOS/Scopus).
18. Ozsahin, I., Sharif, T., Uzun Ozsahin, D., **Uzun, B.**, Evaluation of solid state detectors in medical imaging with fuzzy PROMETHEE, *Journal of Instrumentation* **14**, 2019, (SCI-E).
19. Maisaini, M., **Uzun, B.**, Ozsahin, I., Uzun, D., Evaluating Lung Cancer Treatment Techniques Using Fuzzy PROMETHEE Approach, *Advances in Intelligent Systems and Computing*, **896**, Springer, Cham, 386-391, 2018, (WOS/Scopus).

20. **Uzun, B.**, Kırıl, E., Evaluating US Dollar Index Movements Using Markov Chains-Fuzzy States Approach, *Advances in Intelligent Systems and Computing*, 896, Springer, Cham, 209-215, 2018, (WOS/Scopus).
21. Uzun Ozsahin, D., **Uzun, B.**, Ilker Ozsahin, Effective Analysis of Image Reconstruction Algorithms in Nuclear Medicine Using Fuzzy PROMETHEE, *IEEE Xplore* 2018, (WOS/Scopus).
22. Uzun Ozsahin, D., **Uzun, B.**, Sani Musa, M., Ozsahin, I., Evaluating X-Ray based Medical Imaging Devices with Fuzzy Preference Ranking Organization Method for Enrichment Evaluations, *International Journal of Advanced Computer Science and Applications*, Volume 9 Issue 3, 2018, (WOS/Scopus)
23. Uzun Ozsahin, D., **Uzun, B.**, Sani Musa, M., Şentürk, N., Nurçin, F.V., Ozsahin, I., Evaluating nuclear medicine imaging devices using fuzzy PROMETHEE method, *Procedia Computer Science* 120, 699-705, 2017, (WOS/Scopus)
24. **Uzun, B.**, Kırıl, E., Application of Markov chains-fuzzy states to gold price, *Procedia Computer Science* 120, 365-371, 2017, (WOS/Scopus)
25. Uzun Ozsahin, D., **Uzun, B.**, Sani Musa, M., Helwan, A., Nwekwo Wilson, C., Nurçin, F.V., Şentürk, N., Ozsahin, I., Evaluating Cancer Treatment Alternatives using Fuzzy PROMETHEE Method, *International Journal of Advanced Computer Science & Applications*, Vol. 8, No, 10, 177-182, 2017, (WOS/Scopus)
26. Gökçe, B., Altıparmak, H., **Uzun, B.**, Uzun Özşahin, D., The Effect of Work Safety on Stress in Nursing, *The International Journal of Social Sciences and Humanities Invention*, Volume 4, Issue 7, 3645-3656, 2017, (ISI).
27. Kırıl, E., **Uzun, B.**, Forecasting Closing Returns of Borsa Istanbul Index with Markov Chain Process of the Fuzzy States, *Journal of Economics Finance and Accounting* Volume 4, Issue 1, 15-24, 2017, (ISI).

Book Chapter

1. Uzun Ozsahin D., **Uzun B.**, Syidanova A., Mustapha M.T. (2021) Introduction. In: Uzun Ozsahin D., Gökçekuş H., Uzun B., LaMoreaux J. (eds) *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences*. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_1
2. **Uzun B.**, Uzun Ozsahin D., Duwa B. (2021) Theoretical Aspects of Multi-criteria Decision-Making (MCDM) Methods. In: Uzun Ozsahin D., Gökçekuş H., Uzun B., LaMoreaux J. (eds) *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences*. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_2
3. Uzun Ozsahin D., Ahmed M., Uzun B. (2021) Analytical Hierarchy Process (AHP). In: Uzun Ozsahin D., Gökçekuş H., **Uzun B.**, LaMoreaux J. (eds) *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences*. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_3
4. Uzun B., Taiwo M., Syidanova A., Uzun Ozsahin D. (2021) The Technique For Order of Preference by Similarity to Ideal Solution (TOPSIS). In: Uzun Ozsahin D., Gökçekuş H., **Uzun B.**, LaMoreaux J. (eds) *Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences*. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_4

5. **Uzun B.**, Bwiza R.A., Uzun Ozsahin D. (2021) ELimination Et Choix Traduisant La REalité (ELECTRE). In: Uzun Ozsahin D., Gökçekuş H., Uzun B., LaMoreaux J. (eds) Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_5
6. **Uzun B.**, Almasri A., Uzun Ozsahin D. (2021) Preference Ranking Organization Method for Enrichment Evaluation (Promethee). In: Uzun Ozsahin D., Gökçekuş H., Uzun B., LaMoreaux J. (eds) Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_6
7. **Uzun B.**, Uzun Ozsahin D. (2021) Vlse Criterion Optimization and Compromise Solution in Serbian (VIKOR). In: Uzun Ozsahin D., Gökçekuş H., Uzun B., LaMoreaux J. (eds) Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_7
8. **Uzun B.**, Uzun Ozsahin D., Duwa B. (2021) Fuzzy Logic and Fuzzy Based Multi Criteria Decision Analysis. In: Uzun Ozsahin D., Gökçekuş H., Uzun B., LaMoreaux J. (eds) Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_8
9. Gichamo T., Gökçekuş H., Uzun Ozsahin D., Gelete G., **Uzun B.** (2021) Ranking of Natural Wastewater Treatment Techniques by Multi-criteria Decision Making (MCDM) Methods. In: Uzun Ozsahin D., Gökçekuş H., Uzun B., LaMoreaux J. (eds) Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_11
10. Gelete G., Gökçekuş H., **Uzun B.**, Uzun Ozsahin D., Gichamo T. (2021) Evaluating Disinfection Techniques of Water Treatment Using Multi-criteria Decision-Making Method. In: Uzun Ozsahin D., Gökçekuş H., Uzun B., LaMoreaux J. (eds) Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_12
11. Aşıksoy G., **Uzun B.**, Uzun Ozsahin D. (2021) Evaluation of the Learning Models Using Multi-criteria Decision Making Theory. In: Uzun Ozsahin D., Gökçekuş H., Uzun B., LaMoreaux J. (eds) Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_13
12. Almuhsen M., Gökçekuş H., **Uzun B.**, Uzun Ozsahin D. (2021) Selecting the Best Public–Private Partnership Contract by Using the Fuzzy Method. In: Uzun Ozsahin D., Gökçekuş H., Uzun B., LaMoreaux J. (eds) Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_15
13. Yahya M.N., Usman I.M.T., Gökçekuş H., Uzun Ozsahin D., **Uzun B.** (2021) Comparative Analysis for Irrigation Water Application Methods Using TOPSIS. In: Uzun Ozsahin D., Gökçekuş H., Uzun B., LaMoreaux J. (eds) Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering. Professional Practice in Earth Sciences. Springer, Cham. https://doi.org/10.1007/978-3-030-64765-0_16
14. Uzun Ozsahin, D., **Uzun, B.**, Ozsahin, I., Taiwo, M.M., and Sani Musa, M., Ch 6-Fuzzy logic

- in medicine, Editor(s): Walid Zgallai, In Developments in Biomedical Engineering and Bioelectronics, Biomedical Signal Processing and Artificial Intelligence in Healthcare, Academic Press 2020, 153 – 182
15. Kırıl, E., **Uzun, B.**, Does Global Hunger Tend to Decrease?, Editor(s): Harun Bal, Economics and Politics, Akademisyen Press, 3, 2019, 139-144
 16. Ozsahin, I., Uzun Ozsahin, D., **Uzun, B.**, Taiwo Mustapha, M., Chapter 1 - Introduction, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 1-2, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00001-3>.
 17. **Uzun, B.**, Ozsahin, I., Oru Agbor, V., Uzun Ozsahin, D., Chapter 2 - Theoretical aspects of multi-criteria decision-making (MCDM) methods, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 3-40, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00002-5>.
 18. Uzun Ozsahin, D., Meck, K., Tanaka Halimani, S., **Uzun, B.**, Ozsahin, I., Chapter 3 - Fuzzy PROMETHEE-based evaluation of brain cancer treatment techniques, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 41-58, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00003-7>.
 19. Ozsahin, I., Uzun Ozsahin, D., Meck, K., Tanaka Halimani, S., **Uzun, B.**, Chapter 6 - Fuzzy PROMETHEE-based evaluation of skin cancer treatment techniques, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 81-98, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00006-2>.
 20. Ozsahin, I., Abdulhaq Isa, N., Meck, K., Tanaka Halimani, S., **Uzun, B.**, Uzun Ozsahin, D., Chapter 7 - Fuzzy PROMETHEE-based evaluation of prostate cancer treatment techniques, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 99-116, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00007-4>.
 21. Uzun Ozsahin, D., Salawu, R., **Uzun, B.**, Ozsahin, I., Chapter 10 - Application of fuzzy PROMETHEE on hearing aid, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 153-162, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00010-4>.
 22. Taiwo Mustapha, M., **Uzun, B.**, Uzun Ozsahin, D., Ozsahin, I., Chapter 11 - A comparative study of X-ray based medical imaging devices, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 163-180, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00011-6>.
 23. Uzun Ozsahin, D., Ozsahin, I., Nyakuwanikwa, K., Simbanegavi, T.W., **Uzun, B.**, Chapter 12 - Evaluation and simulation of dental instrument sterilization techniques with fuzzy PROMETHEE, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering,

- Academic Press, 2021, Pages 181-195, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00012-8>.
24. Taiwo Mustapha, M., Uzun Ozsahin, D., **Uzun, B.**, Ozsahin, I., Chapter 13 - Application of fuzzy TOPSIS in the sterilization of medical devices, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 197-216, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00013-X>.
 25. Sultanoglu, N., **Uzun, B.**, Sayan, M., Sanlidag, T., Chapter 14 - Evaluation of the effectiveness of adult HIV antiretroviral treatment regimens using TOPSIS, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 217-228, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00014-1>.
 26. **Uzun, B.**, Sultanoglu, N., Sanlidag, T., Sayan, M., Chapter 15 - Evaluating the effectiveness of recommended HIV adult postexposure prophylaxis drug regimens by using fuzzy PROMETHEE, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 229-238, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00015-3>.
 27. Sayan, M., Sanlidag, T., Sultanoglu, N., **Uzun, B.**, Chapter 16 - The use of multicriteria decision-making method—fuzzy VIKOR in antiretroviral treatment decision in pediatric HIV-infected cases, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 239-248, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00016-5>.
 28. Uzun Ozsahin, D., Hamidat, L., Alimi, F.D., **Uzun, B.**, Ozsahin, I., Chapter 18 - Evaluation of migraine drugs using MCDM methods, Editor(s): Ilker Ozsahin, Dilber Uzun Ozsahin, Berna Uzun, Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering, Academic Press, 2021, Pages 261-275, ISBN 9780128240861, <https://doi.org/10.1016/B978-0-12-824086-1.00018-9>.

Edited Book/s:

1. Application of Multi-Criteria Decision Analysis in Environmental and Civil Engineering, Editor/s: Uzun Ozsahin, D., Gokcekus, H., **Uzun, B.**, LaMoreaux, J., Part of the Professional Practice in Earth Sciences Book Series, Springer, 2021 ISBN: 978-3-030-64765-0
2. Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering: Editor/s: Ozsahin I., Ozsahin D., **Uzun, B.**, Elsevier, Academic Press 2021, ISBN: 9780128240878

Conference Abstract/s

1. **Uzun B.**, Kiral E., Convergence of the Fuzzy Matrices, 2015 International Symposium on Econometrics, Operations Research and Statistics Conference Record, 620-621
2. Uzun Ozsahin, D., Arikan, A., Sanlidag, T., Sayan, M., **Uzun, B.**, 2021, Ranking of Diagnostic SARS-CoV -2 IgG Antibody Tests by Using Multi-criteria Decision-Making Theory, 2021 European Biotechnology Congress (In process)

3. Arikan, A., Sanlidag, T., Sayan, M., **Uzun, B.**, Uzun Ozsahin, D., Comparative Evaluation of SARS-CoV-2 IgM Antibody Tests by Multi-criteria Decision-Making Strategy, 2021 European Biotechnology Congress (In process)
4. Sanlidag, T., Arikan, A., **Uzun, B.**, Sayan, M., Uzun Ozsahin, D., Evaluating of the Test Performance of Antigen Diagnostic Tests for SARS-CoV -2 by Using Multi-criteria Decision-Making Theory, 2021 European Biotechnology Congress (In process)

Conferences and Symposiums

1. Technical Committee Member, 5-th International Conference on Natural Resources and Sustainable Environmental Management NRSEM-2021, Nicosia, Cyprus, 2021
2. Technical Committee Member, International Conference on Environment: Survival and Sustainability, Nicosia, Cyprus, 2019
3. Technical Committee Member, 2nd International Conference on Water Problems in the Mediterranean Countries, Nicosia, Cyprus, 2019
4. Technical Committee Member, 2nd International Conference on “The Cyprus Issues: Past, Present and The Vision for the Future
5. ASET Engineering Innovations in Healthcare International Conference, Sharjah, Dubai, 2019
6. ASET Engineering Innovations in Healthcare International Conference, Sharjah, Dubai, 2018
7. International Symposium on Industry 4.0 and Applications, Karabük, Turkey, 2017
8. 9th International Conference on Theory and Application of Soft Computing, Computing with Words and Perception (ICSCCW 2017), Budapest, Hungary, 2017
9. 17th International Symposium on Econometrics, Operations Research and Statistics, Sivas, Turkey, 2016
10. 16th International Symposium on Econometrics, Operations Research and Statistics, Tekirdağ, Turkey, 2015
11. 12th International Symposium on Econometrics, Operations Research and Statistics, Denizli, Turkey, 2011

Directed Thesis

1. Evaluating The Different Treatment Methods for Osteoporosis Using the Fuzzy PROMETHEE, Sharmain Dube, 2021.
2. Asthma And Its Medical Devices, Sabareela Victory Moro, 2021.
3. Comparative Analysis and The Application of Non-Contact Temperature Reading Devices in The Control of Covid-19 Using Fuzzy PROMETHEE, Basil Barth Duwa, 2021.
4. Evaluating Treatment Alternatives for Varicose Veins in The Leg, Mohammed Abudaqqa, 2021, In process.

Computer Skills

Operating Systems: Mac OS, Windows

Software / Applications, Languages and Scripts: SPSS, Minitab, Python