

- 1.C. Ağlan, M. B. Durmuşoğlu, M. U. İzer, *Balancing Production and Shipping in Implosive Industries*
- 2.H. Camgöz Akdağ, T. Beldek, G. Aldemir, K. Konyahoğlu, *Prioritization of Green Hospital Indicators with Fuzzy Ahp*
- 3.Ö. Akkaya, N. Ekmekçi, M. Zerenler, *The Impact of Social Media Toward Brand Awareness and Purchase Intention Through Information Sharing: an Empirical Analysis of Cosmetic Brands*
- 4.G. Aldemir, G. Yeşil, A.Z. Konyahoğlu, *A Statistical Study Between Gpa, Exam Score and University Preference Rank*
- 5.B. Aydoğdu, B. Özyörük, *A Mathematical Modelling for Dynamic Vehicle Routing Problem with Simultaneous Pickup and Delivery*
- 6.D. Balkan, G. D. Batur, E. Çalışkan, *Investigating the Predisposition of G20 Countries for Implementation of Industry 4.0*
- 7.H. H. Başer, N. Ekmekçi, M. Zerenler, *A Research for Determining Consumers' Tendency to Prefer Eco-Friendly Products Within the Scope of Green Marketing Activities*
- 8.G. D. Batur, B. Özyörük, *A Mathematical Model for Nurse Scheduling: A Case Study in Emergency & Cardiovascular Surgery Departments*
- 9.Z. Bektaş, G. Kayakutlu, *A Hybrid Heuristic Algorithm for Optimal Energy Management Problem in Micro Grids*
- 10.F. Berto, *Structural Integrity of Complex Components By Means of the Strain Energy Density Approach*
- 11.S. Birgün, B. Tanrıkuç Çerkezoğlu, *A Software Development Process Improvement Study to Support Compatibility with Industry 4.0 for Software Makers*
- 12.Ö. Çam, Y. Erdem, E. Ayata, F. Üney Yüksektepe, *Optimizing Supply of Critical Materials for SUPSAN*
- 13.G. F. Can, R. Kılıç Delice, *A New Equation for Determining Physical Workload: A Case Study in a Medium Voltage Cell Manufacturing*
- 14.B. G. Çetiner, G. Bayram, *Sustainability Issues for Low to Middle Income Countries in Transition to Industry 4.0*
- 15.U. G. Çiçekli, M. Kocamaz, H. Soyuer, *Heuristic Algorithm for Solving Multi-Stage Job Scheduling in Multi-Server Systems*
- 16.S. Dağ, N. Kabadayı, *Fuzzy DEMATEL Method for Evaluation of Machine Selection Criteria in a Flow-Shop Production System*
- 17.Y. Demir, C. Çelik, *Hierarchical Mathematical Modeling Approach for Timetabling Problem*
- 18.K. N. Demir, S. Tekin, Y. T. İç, *Application of Multi Criteria Decision-Making Method for Supplier Selection in Defence Industry*
- 19.E. Demirci, H. S. Kılıç, *Multiple Criteria Decision Making Methods in Personnel Selection:A Literature Review*

- 20.P. Demircioğlu, I. Bögrekçi, H. S. Sucuoğlu, H. Hacıyusufoğlu, Intelligent Surface Finish Model for Industry 4.0 and Roughness Measurement for Cylinder Liner Surfaces Based On Experimental Learning Based Knowledge System**
- 21.A. Ö. Dengiz, K. D. Atalay, Fuzzy Porfolio Model for Natural Gas Power Plant in Turkey**
- 22.B. Dengiz, A. Gültepe, F. Altıparmak, İ. Kara, A Discrete Differential Evolution Algorithm for Stochastic Vehicle Routing Problem**
- 23.S. Dönmezer, Application of Industry 4.0 for Textile Industry**
- 24.A. S. Duyguvar, S. Erol, Towards Logistics 4.0: Smart Sustainable Logistics Environment**
- 25.N. Ekmekçi, M. Tekin, Production Planning in Industrial Enterprises and Optimization Practice in an Industrial Enterprise Via Linear Programming**
- 26.İ. Eldem, F. Çebi, Individualized Treatment Planning Using Markov Decision Processes**
- 27.B. Er, M. Uçar, S. Ene, E. Emel, Inventory Optimization of Automotive Sheet Metal Parts Produced in a Press Line**
- 28.Z. Gergin, C. Akbaş, A. Karakuş, Value Stream Mapping of Engine Assembly Processes At Ford Otosan Motor Company**
- 29.Z. Gergin, D. Akburak, S. Gültekin, B. Kara, Application of Lean Management to Ground Operations Processes of an Airline Company - a Value Stream Mapping Study**
- 30.Z. Gergin, B. Aksay, Ş. Kılıç, O. Yucak, Quality Function Deployment Implementation to Develop 6P Marketing Strategy of an FMCG Company**
- 31.H. G. Gören, S. Tunalı, A New Heuristic Approach for the Capacitated Lot Sizing Problem with Setup Carryover**
- 32.A. Ö. Görgün, C. Çubukcuoğlu, B. Ekici, B. Kundakçı Koyunbaba, İ. Kahraman, Diagrid Façade Design Using Multi-Objective Evolutionary Algorithms**
- 33.İ. Kabasakal, F. Demircan Keskin, Y. Kaymaz, A Genetic Algorithm for the Two-Dimensional Bin Packing Problem With Conflicts**
- 34.A. Koçak, İ. Kabasakal, H. Soyuer, S. Oral, A Model On Baggage Management Processes in Aviation Industry Based on Industry 4.0 Applications**
- 35.Z. T. Kalender, Medical Waste Management for a Sustainable Healthcare: Literature Review**
- 36.İ. Karadağ, V. Yiğit, Evaluation of the Housing Preferences of University Students with a Novel Intuitionistic Fuzzy MCDM Model**
- 37.M. Karahan, M. Öztürk, Evaluation of Hospital Efficiencies with Data Envelopment Analysis**
- 38.E. Karakaya, Y. Kayıkcı, F. Öztürk, Implementation of Physical Internet-based Intelligent Intralogistics Systems: an Agent-Based Simulation Study**
- 39.S. D. Karayel, E. Atmaca, A Comprehensive Review of OR Models in Disaster Management Phases**
- 40.S. D. Karayel, E. Atmaca, B. Nalbantoğlu, B. Göynük, Identifying the Important Criteria for Selection of Temporary Evacuation Sites By Using Analytic Hierarchy Process**

- 41.D. Kesikburun, Y. Kazançoğlu**, *Analyzing and Reducing the Production Interruptions Due to Variations of Materials Through Statistical Quality Control in Tobacco Industry*
- 42.S. Büyüksaatçi Kiriş, E. Baytürk, A. Baray**, *Inventory Management Model Decision for Slow-Moving Parts Based On Bootstrap and Value at Risk*
- 43.S. Büyüksaatçi Kiriş, F. Tüysüz**, *Simulation Approach to Lean Manufacturing: A Textile Sector Case in Turkey*
- 44.T. Koç, A. Erkollar, B. Oberer**, *In Integrated View On Industry 4.0: the I40 Keo Model*
- 45.K. Konyaloğlu, T. Beldek, G. Aldemir**, *Visibility of Women in Large and Medium-Sized Companies in Turkey*
- 46.N. Koyuncu Yemenici, F. Çebi**, *Operating Room Scheduling with All Constraints*
- 47.A.S. Köylüoğlu, M. Tekin**, *an Experimental Study On the Analysis of Customers' Rational Responses Through Eye Tracking Technique: Torku Inc. Case*
- 48.E. Kurtbaş, C. Çubukçuoğlu, B. Ekici, A. Cilasun Kunduracı, İ. Kahraman**, *Addressing a Façade Design for Healthcare Facility Using Multi-Objective Optimization*
- 49.A. Maden**, *Advanced Manufacturing Technology Selection Using Fuzzy DEMATEL*
- 50.A. Ofloğlu, B. Baki, İ. M. Ar**, *Determining the Failure Modes in Disaster Logistics Planning Using an Integrated Fuzzy Ahp-Vikor Approach*
- 51.F. Özbey, C. Çubukçuoğlu, B. Ekici, A. Cilasun Kunduracı, I. Chatzikonstantinou**, *Bi-Objective Visual Perception Optimization for a Healthcare Education Facility*
- 52.F. Özçelik, T. Saraç**, *The Bottleneck Multi-Resource Generalised Assignment Problem with Agent and Resource Eligibility Restrictions*
- 53.R. Özdemir, Ö. F. Arın**, *Performance Improvement of an Intelligent Material Handling System*
- 54.Ş. Özdemir, A. Erkollar**, *Next Generation's Industry 4.0 Journey: the Case of Management Information Systems*
- 55.Y. Deniz, Ö. Özen, Y. Kazançoğlu**, *Design for Disassembly in Smart Factories*
- 56.M. Paldrak, C. Çubukçuoğlu, B. Ekici, M. F. Taşgetiren, A. Cilasun Kunduracı**, *Diagrid and Honeycomb Façade Design Optimization with Multi-Objective Evolutionary Algorithms*
- 57.E. Pucher, A. Eidmann, A. Gruber, C. Spitzwieser**, *Real-Time Vehicle-To-Infrastructure Communication Based Co₂ Monitoring of Free-Flow and Congested Traffic*
- 58.S. Rad**, *Practical Schedule Range Analysis*
- 59.O. Ramazanoğlu, B. T. Özalp, N. Öztürk**, *An Early Warning System for the Determination of Overloaded Workstations*
- 60.K. Richter, R. Christoph, H. Stoschus, R. Schmitt**, *Industry 4.0 – Application of X-Ray Computed Tomography for the Automatic Mold Correction for the Injection Molding Process*
- 61.M. Šokac, I. Budak, Ž. Santoši, Đ. Vukelić, M. Katić**, *Preliminary Investigation of Newly Proposed Method for Enhancement of Industrial Ct Images*

- 62.A.A. Supçiller, H. Yavuz,** *Risk Assessment Study in a Port By Using Fuzzy Proportional Risk Assessment Technique*
- 63.Y. Şahin, T. Demircan, D. M. İş,** *From Automation Systems to Industry 4.0: an Energy Sector Application*
- 64.Y. Şahin, G. Gürkaya, A. Ayaz,** *Determining the Industry 4.0 Component to Be Applied Primarily in the Retail Sector with the Analytic Hierarchy Process*
- 65.T. Şavlık, N. Yıldırım,** *Sustainable Project Management in Turkey: Current Practices and Impacts On Business Performance*
- 66.K. Ö. Şen, M. N. Durakbaşa, H. Erdol, T. Berber, U. Sevik,** *An Implementation of Industrial Internet of Things Based Total Quality Management in the Food Industry*
- 67.K. Şimşek, N. Yıldırım,** *Industry 4.0: A Literature Review and Thematic Analysis*
- 68.A. Taşkın, Ş. Esnaf,** *Image Segmentation and Classification for Product Recommendation Using Fast Fuzzy C-Means, Convolutional Neural Networks and Histogram Similarity*
- 69.G. Akçal Taşpınar, S. Erol,** *A Model Suggestion for Multi-Modal Transportation*
- 70.M. Tekin, D. Baş,** *The Effect of the Service Quality Onthe Customer Loyalty: an Application in the Province of Kırklareli*
- 71.M. Tekin, T. Geçkil, Ö. Koyuncuoğlu,** *A Model Development Research: Entrepreneurial Universities*
- 72.M. Tekin, A. Gözen, H. Gözen,** *A Research on Innovative Corporate Goals and Internal Entrepreneurship Relationship*
- 73.M. Tekin, A. S. Köylüoğlu, Ö. Koyuncuoğlu,** *Entrepreneurship University Model*
- 74.M. Tekin, A.A. Sayın,** *Risk Management in Logistics: Sampling of Risk Components*
- 75.M. Tekin, M. Soba, A. Altınay, F. Akyüz, D. Baş,** *The Importance of the Integrated Cost Accounting Management With Sustainable Competitive Enterprise Resource Planning "An Examination on the Ceramic Sector"*
- 76.P. Toktaş,** *A Study On Forecasting the Number of Occupational Accidents in Turkey*
- 77.P. Toktaş, G. F. Can,** *A Fuzzy Risk Assessment Aprocah Based On Ouality Function Deployment: A Case Study in a Warehouse Acceptance Process*
- 78.O. Torkul, İ. H. Cedimoğlu, M. R. Cesur, A. Okuyan,** *A Real – Time Cyber Platform Enabling Digital Factory*
- 79.H. Torun, G. Canbulut,** *Analysis of Supply Chain Performance Under Fuzzy Versus Stochastic Demand*
- 80.A. Uçar, P. Rehber, A. Kaya, F. Çebi,** *Closed Loop Supply Chain and Reverse Logistics Network Design: an Application in White Goods Industry*
- 81.M. C. Üngan, A. Arikawe,** *Supply Chain Integration and Performance: A Survey On African Companies*
- 82.M. C. Üngan, O. T. Mayowa,** *Supply Chain Integration and Performance: A Survey On African Companies*

- 83.N. Puren Ünlü, M. F. Taşgetiren, B. Ekici, C. Çubukçuoğlu, I. Chatzikonstantinou,** *Structure Optimization of Shelter Design for Semi-Closed Public Space in Urban*
- 84.Z. F. Ürük, D. Yılmaz,** *Analysis of Spatial Flow and Determination Life Risks of People Living in Nursing Homes in Istanbul*
- 85.A. S. Vanlı, N. M. Durakbaşa, A. Akdoğan, E. Ö. Cebe,** *Regression Modelling of Surface Parameters for End Milling Process of X40CrMoV5-1 HOT Work Tool Steel*
- 86.R. G. Vázquez, A. Otto,** *Improving Laser Manufacturing Processes By Means of Multiphysics Simulations*
- 87.G. Yavuzarslan, B. Ekici, C. Çubukçuoğlu, A. Cilasun Kunduracı, B. Kundakçı Koyunbaba,** *Envelope Design of Healthcare Public Space Using Multi-Objective Optimization, 2017*
- 88.V. Yiğit, N. Çağlayan,** *The Forecasting of Electricity Energy Consumption On Sub-Sectors Bases of Turkey By Artificial Neural Network Until 2030*
- 89.E. Yıldırım, B. Ekici, C. Çubukçuoğlu, I. Chatzikonstantinou, I. S. Sarıyıldız, A. H. L. Chen,** *Optimization of Free Form Long Span Roof Structure for Pool Facility Using Evolutionary Algorithms*
- 90.B. Yıldız, B. Ekici, I. Chatzikonstantinou, S. Kutucu,** *Visual Perception Based Multi-Objective Optimization to Housing Design in Urban Context*
- 91.M. C. B. Yıldız, Ü. Terzi,** *An Implementation of Personnel Assignment Adapted to Graph Coloring Problem*
- 92.D. Yılmaz, G. Kılıçkaya, S. Avcı,** *Analysis of Occupational Accidents in Turkey with Forecasting Methods*
- 93.C. Zor, F. Çebi,** *Forecasting the Demand of a Medical Material: Grey-Based Approach*
- 94.İ. Cavusoğlu, G. Poszyek, M.N. Durakbasa** *Integration of Manufacturing Processes of New Generation Materials into Industry 4.0*
- 95.G. Bas, M.N. Durakbasa, J.M. Bauer, E. Güclü,** *Developing Key enabling Models for the Industry 4.0: Interconnected Production Metrology Process and Quality Management*
- 96.İ. Böğrekci, P. Demircioğlu, H.S. Sucuoğlu, O. Kanlı,** *Development and Performance Analysis of Mobile Explosive & Combustible Gas Leakage Detection Robot*
- 97.Ö.E. Sönmez, A.Baray,** *Outlier Detection via Local Outlier Factor Algorithm*
- 98.M. Tekin, Ö. Yeşilyurt,** *A Study on Increasing the Productivity of Course through Poka-Yoke and Fishbon Diagrams*
- 99. K. Altun, R. Özcan Berber, R. Kurt,** *Managing Multiple Projects in R&D Centers: a Case Study in the Automotive Industry*
- 100. B. Taşkan, C. Kubat, B .Karatop,** *An Analysis of the Relationship Between the Industry 4.0: Revolution and Enterprise Performance Management*
- 101. İ. Peker, R.E. Gergin, Ş. Demirelli, T. Okan,** *The Determination and Prioritization of Criteria for Disaster Food Logistics Center Location Selection*
- 102. M. Umut İzer, C. Ağlan,** *Integration of Industry 4.0 and Lean Principles*
- 103. N. Ekmekci, Ö. Akkaya, V. Çağlayan,** *aA Investigation of the Factors Affecting Selection of Online Shopping Website with AHP: A Study of Young Consumers in Turkey*

- 104. B. Gülmez, S. Kulluk**, *Adaptive Social Spider Algorithm for Training Neural Networks*
- 105. G. Ekren, B. Oberer, A. Erkollar**, *Augmented Reality in Industry 4.0: Enabling Technologies and The Potential for SMEs*
- 106. G. Ekren, A. Erkollar, B. Oberer**, *Research Trends in Industry 4.0: A Content Analysis*
- 107. H. Yalçın, T.Öztürk**, *Mapping the Intellectual Structure of Industry 4.0*
- 108. N. Kuru, A. Kaya, F. Çebi**, *Demand Forecasting with Artificial Neural Networks in An Automotive Supplier Company*
- 109. G. Baş, M. N. Durakbaşa, J. M. Bauer, E. Güçlü**, *Developing Key enabling Models for the Industry 4.0: Interconnected Production Metrology Process and Quality Management*