Asst. Prof. SELÇUK GÖREN

Personal Information

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International Researcher IDs
ORCID: 0000-0002-5320-4213
Publons / Web Of Science ResearcherID: ABC-1985-2020
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Education Information

Doctorate, Bilkent Üniversitesi, Mühendislik Ve Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, Turkey 2002 - 2009
Postgraduate, Bilkent Üniversitesi, Mühendislik Ve Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, Turkey 2000 - 2002
Undergraduate, Bilkent Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Generating robust and stable machine schedules from a proactive standpoint, Bilkent Üniversitesi, Mühendislik Ve Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, 2009
Postgraduate, Robustness and stability measures for scheduling policies in a single machine environment, Bilkent Üniversitesi, Mühendislik Ve Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, 2002

Research Areas

Industrial Engineering , Stochastic Modeling, Stochastic Processes, Production Planning and Control, Scheduling, Modelling and Analysis of Production Systems , Service Systems Modeling and Analysis, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Abdullah Gul University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2018 - Continues
Assistant Professor, Abdullah Gul University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2013 - 2018
Assistant Professor, İstanbul Kemerburgaz Üniversitesi, Mühendislik Ve Mimarlık Fakültesi, Endüstri Mühendisliği, 2011 - 2013
Research Assistant PhD, Université Blaise Pascal: Clermont-Ferrand II, Laboratoire D'Informatique, De Modélisation Et D'Optimisation Des Systèmes, Modèles Et Algorithmes De L'Aide À La Décision, 2010 - 2011

Courses

Courses

Responsible Consumption and Production, Undergraduate, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Dynamic rolling horizon control approach for a university campus**
YOLDAŞ Y., GÖREN S., ÖNEN A., Ustun T. S.
ENERGY REPORTS, vol.8, pp.1154-1162, 2022 (SCI-Expanded)

II. **Implementation of cost benefit analysis of vehicle to grid coupled real Micro-Grid by considering battery energy wear: Practical study case**
Koubaa R., YOLDAŞ Y., GÖREN S., Krichen L., ÖNEN A.
ENERGY & ENVIRONMENT, vol.32, no.7, pp.1292-1314, 2021 (SSCI)

III. **A multimodal, multicommodity, and multiperiod planning problem for coal distribution to poor families**
AKGÜN İ., Ozkil A., GÖREN S.
SOCIO-ECONOMIC PLANNING SCIENCES, vol.72, 2020 (SCI-Expanded)

IV. **Optimal Control of Microgrids with Multi-stage Mixed-integer Nonlinear Programming Guided Q-learning Algorithm**
YOLDAŞ Y., GÖREN S., ÖNEN A.
JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY, vol.8, no.6, pp.1151-1159, 2020 (SCI-Expanded)

V. **A Framework to Incorporate Decision-Maker Preferences Into Simulation Optimization to Support Collaborative Design**
GÖREN S., BACCOUCHE A., PIERREVAL H.
IEEE Transactions on Systems, Man, and Cybernetics: Systems, vol.47, no.2, pp.229-237, 2017 (SCI-Expanded)

VI. **Taking advantage of a diverse set of efficient production schedules: A two-step approach for scheduling with side concerns**
GÖREN S., PIERREVAL H.
COMPUTERS & OPERATIONS RESEARCH, vol.40, no.8, pp.1979-1990, 2013 (SCI-Expanded)

VII. **Optimization of schedule robustness and stability under random machine breakdowns and processing time variability**
Goren S., Sabuncuoglu I.
IIE Transactions (Institute of Industrial Engineers), vol.42, no.3, pp.203-220, 2010 (SCI-Expanded)

VIII. **Robustness and stability measures for scheduling: Single-machine environment**
Goren S., Sabuncuoglu I.
IIE Transactions (Institute of Industrial Engineers), vol.40, no.1, pp.66-83, 2008 (SCI-Expanded)

Articles Published in Other Journals

I. **A Stochastic Optimization Model for Determining the Optimal Micro-Siting of Wind Turbines**
Tüzüner A., Almassri İ., GÖREN S.
The Online Journal of Science and Technology, vol.6, no.2, pp.6-14, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

I. **A bi-criteria approach to scheduling in the face of uncertainty: Considering robustness and stability simultaneously**
GÖREN S., SABUNCUOĞLU İ.
in: Sequencing and Scheduling with Inaccurate Data, Sotskov Y.N., Werner F., Editor, Nova Science Publishers, Inc., New York, pp.253-280, 2014

Refereed Congress / Symposium Publications in Proceedings

I. **University Industry Partnership Through PBL Industrial Engineering Education**
Bengü E., Sütçü M., Gören S.
3. ULUSLARARASI YÜKSEKÖĞRETİM ÇALIŞMALARI KONFERANSI, Kayseri, Turkey, 11 - 13 October 2018, pp.139-140

II. **Stochastic scheduling of parallel machines under processing time variability**
AKGÜN İ., GÖREN S., BEKLİ R. Ş., SÜTÇÜ M.
29th European Conference on Operational Research, 8 - 11 July 2018

III. **Cloud Induced PV Impact on Voltage Profiles for Real Microgrids**
Kocer M. C., Yoldas Y., GÖREN S., ÖNEN A., ALAN İ., Al-Agtash S., Azzopardi B., Martensen N., Martinez-Ramos J. L., Tzovaras D., et al.
5th International Symposium on Environment-Friendly Energies and Applications (EFEA), Rome, Italy, 24 - 26 September 2018

IV. **Statistical Approach for Table Tennis Athletes' Success**
GÖREN S., Gulbahar İ. T., Pinar M. S.
International Conference of Numerical Analysis and Applied Mathematics (ICNAAM), Thessaloniki, Greece, 25 - 30 September 2017, vol.1978

V. **GENERATING ROBUST AND STABLE SCHEDULES IN A SINGLE MACHINE ENVIRONMENT**
GÖREN S., SABUNCUOĞLU İ.
Industrial Engineering Research Conference IERC 2004, Houston Texas, 15 - 19 May 2004

Metrics

Publication: 15
Citation (WoS): 99
Citation (Scopus): 177
H-Index (WoS): 3
H-Index (Scopus): 5