

Kişisel Bilgiler

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Web: <https://avesis.metu.edu.tr/cozgen>

Yönetilen Tezler

- ÖZGEN C., Rate-based modeling of steam ethane cracker, Yüksek Lisans, S.GÜNDÜR(Öğrenci), 2015
- ÖZGEN C., KÜLAH H., Metisilin dirençli Staphylococcus aureus ve vankomisin dirençli Enterococcus suşlarının tanısı için MEMS tabanlı elektrokimyasal sensör., Doktora, H.Ceylan(Öğrenci), 2013
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- ÖZGEN C., KÜLAH H., Development of a new immobilization procedure for detection of staphylococcal enterotoxin B (SEB) and Candida albicans, Yüksek Lisans, D.ERTÜRKAN(Öğrenci), 2012
- ÖZGEN C., Mathematical modeling of gate control theory, Yüksek Lisans, E.AĞI(Öğrenci), 2009
- ÖZGEN C., Inferential control of boric acid production system, Yüksek Lisans, Ö.DERVİŞOĞLU(Öğrenci), 2007
- ÖZGEN C., Control and simulation studies for a multicomponent batch packed distillation column, Yüksek Lisans, H.CEYLAN(Öğrenci), 2007
- ÖZGEN C., Modeling and control studies for a reactive batch distillation column, Doktora, A.BAHAR(Öğrenci), 2007
- ÖZGEN C., BAYRAM G., Inferential model predictive control of poly(ethylene terephthalate) degradation during extrusion, Yüksek Lisans, M.OLUŞ(Öğrenci), 2006
- ÖZGEN C., Control of pH in neutralization reactor of a waste water treatment system using identification reactor, Yüksek Lisans, S.OBUT(Öğrenci), 2005
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- ÖZGEN C., Kimyasal proseslerde adaptif sinirsel bulanık tahmin yönteminin uygulamaları, Yüksek Lisans, E.Güner(Öğrenci), 2003
- ÖZGEN C., LEBLEBİCİOĞLU M. K., Adaptive neuro fuzzy inference system (anfis) applications in chemical processes, Yüksek Lisans, E.GÜNER(Öğrenci), 2003
- ÖZGEN C., An artificial neural network estimator design for the inferential model predictive control of an industrial multi-component distillation column, Yüksek Lisans, A.BAHAR(Öğrenci), 2003
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- ÖZGEN C., LEBLEBİCİOĞLU M. K., Fuzzy and sliding mode control of a pH neutralization system, Yüksek Lisans, Ü.AKBAY(Öğrenci), 2002
- ÖZGEN C., Multicomponent batch distillation column simulation and state observer design, Yüksek Lisans, U.YILDIZ(Öğrenci), 2002
- ÖZGEN C., Model predictive control of the chlorination stage in a pulp bleaching plant, Yüksek Lisans, C.UĞUR(Öğrenci), 2001
- ÖZGEN C., HALICI U., Control of an industrial multi component high purity distillation column with a model predictive controller, Yüksek Lisans, M.KAYA(Öğrenci), 2000
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GÜRKAN T., ÖZGEN C., Process synthesis studies in batch distillation column design and operation, Doktora, D.Alkaya(Öğrenci), 1997

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GÜRKAN T., ÖZGEN C., Studies on the control structure for a reactor-separation system, Yüksek Lisans, N.Kayakol(Öğrenci), 1990

ÖZGEN C., Selection of the best control configuration for an industrial distillation column, Yüksek Lisans, R.DADAL(Öğrenci), 1990

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ÖZGEN C., The Control of heat exchangers using on-line identification, modern control theory and internal model control, Yüksek Lisans, M.NUNA(Öğrenci), 1988

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A Fully Microfabricated Electrochemical Sensor and its Implementation for Detection of Methicillin Resistance in Staphylococcus aureus**
Koydemir H. C., KÜLAH H., ALP A., ÜNER A., HASÇELİK A. G., ÖZGEN C.
IEEE SENSORS JOURNAL, cilt.14, sa.6, ss.1844-1851, 2014 (SCI-Expanded)
- II. **Solvent Compatibility of Parylene C Film Layer**
Koydemir H. C., KÜLAH H., ÖZGEN C.
JOURNAL OF MICROELECTROMECHANICAL SYSTEMS, cilt.23, sa.2, ss.298-307, 2014 (SCI-Expanded)
- III. **Molecular weight control of poly(ethylene terephthalate) in extrusion process**
Ozbek M. O., BAYRAM G., ÖZGEN C.
POLYMER ENGINEERING AND SCIENCE, cilt.54, sa.2, ss.459-465, 2014 (SCI-Expanded)

- IV. **Ultrasensitive and selective homogeneous sandwich immunoassay detection by Surface Enhanced Raman Scattering (SERS)**
Pekdemir M. E., Erturkan D., KÜLAH H., BOYACI İ. H., ÖZGEN C., Tamer U.
ANALYST, cilt.137, sa.20, ss.4834-4840, 2012 (SCI-Expanded)
- V. **MEMS biosensors for detection of methicillin resistant Staphylococcus aureus**
Ceylan Koydemir H., KÜLAH H., ÖZGEN C., ALP A., Hascelik G.
BIOSENSORS & BIOELECTRONICS, cilt.29, sa.1, ss.1-12, 2011 (SCI-Expanded)
- VI. **State estimation and inferential control for a reactive batch distillation column**
Bahar A., ÖZGEN C.
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, cilt.23, sa.2, ss.262-270, 2010 (SCI-Expanded)
- VII. **Online identification and control of pH in a neutralization system**
Obut S., ÖZGEN C.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.47, sa.13, ss.4394-4404, 2008 (SCI-Expanded)
- VIII. **Artificial neural network estimator design for the inferential model predictive control of an industrial distillation column**
Bahar A., Ozgen C., Leblebicioglu K., Halici U.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.43, sa.19, ss.6102-6111, 2004 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Effects of Solvents on Dissolution of Photoresist in Parylene Microchannels**
Koydemir H. C., KÜLAH H., ÖZGEN C., Tosun I.
NSTI Nanotechnology Conference and Expo (Nanotech 2012), Santa-Clara, Küba, 18 - 21 Haziran 2012, ss.372-375
- II. **Design of state estimators for the inferential control of an industrial distillation column**
BAHAR A., GUNER E., OZGEN C., HALICI U.
2006 IEEE INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORK PROCEEDINGS, Vancouver, Kanada, 16 - 21 Temmuz 2006, ss.1112-1115

Metrikler

Yayın: 10

Atıf (WoS): 151

Atıf (Scopus): 160

H-İndeks (WoS): 6

H-İndeks (Scopus): 6