

Kişisel Bilgiler

E-posta: cozgen@metu.edu.tr

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
- ÖZGEN C., KÜLAH H., Staphylococcal enterotoksin B (SEB) ve Candida Albicans saptaması için yeni tutundurma prosedürü geliştirilmesi., Yüksek Lisans, D.Ertürkan(Öğrenci), 2012
- KÜLAH H., ÖZGEN C., 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
- BAYRAM G., ÖZGEN C., 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
- LEBLEBİCİOĞLU M. K., ÖZGEN C., Model predictive control (MPC) performance for controlling reaction systems, Yüksek Lisans, İ.AŞAR(Öğrenci), 2004
- ÖZGEN C., Kimyasal proseslerde adaptif sinirsel bulanık tahmin yönteminin uygulamaları, Yüksek Lisans, E.Güner(Öğrenci), 2003
- LEBLEBİCİOĞLU M. K., ÖZGEN C., 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
- ÖZGEN C., Multivariable model predictive controller design for an industrial distillation column, Yüksek Lisans, M.TEKİN(Öğrenci), 2002
- LEBLEBİCİOĞLU M. K., ÖZGEN C., 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
- HALICI U., ÖZGEN C., Control of an industrial multi component high purity distillation column with a model predictive controller, Yüksek Lisans, M.KAYA(Öğrenci), 2000
- LEBLEBİCİOĞLU M. K., ÖZGEN C., Some sliding mode control applications in brushless DC motor and pH systems, Yüksek Lisans, F.KAFFAŞI(Öğrenci), 1999
- ÖZGEN C., Simulation study of an adaptive fuzzy knowledge based controller (FKBC) and neural network controller (NNC) on a pH system, Yüksek Lisans, K.NESRALLAH(Öğrenci), 1998

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ÖZGEN C., YETİŞ Ü., Improvements of the bleaching process of Dalaman Pulp and Paper Plant to reduce the environmental impacts, Yüksek Lisans, M.Hafız(Öğrenci), 1997

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ÖZGEN C., Heat exchanger network studies in chemical processes, Yüksek Lisans, N.DEMİRKAZIK(Öğrenci), 1997

ÖZGEN C., Ethanol fermentation with simultaneous product separation in a bioreactor-stripper system, Doktora, S.SAIN(Öğrenci), 1997

ÖZGEN C., Improvements of the bleaching process of Dalaman pulp and power plant to reduce the environmental, Yüksek Lisans, M.QUSHSHO'O(Öğrenci), 1997

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ÖZGEN C., GÜRKAN T., Ethanol fermentation with simultaneous product separation in a bioreactor-stripper system, Doktora, S.Sain(Öğrenci), 1997

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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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ÖZGEN C., Control configuration selection for a high-purity industrial distillation column with side stream, Yüksek Lisans, M.ERTAN(Öğrenci), 1993

ÖNAL I., ÖZGEN C., Transient modeling of diffusivity for monolithic catalyst by using pulse testing technique, Yüksek Lisans, Z.Khedr(Öğrenci), 1991

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ÖZGEN C., Model predictive control studies on a cascade temperature control loop, Yüksek Lisans, A.GENÇ(Öğrenci), 1991

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

ÖZGEN C., Determination of a suitable measurement structure for better control of distillation columns, Yüksek Lisans, D.ALKAYA(Öğrenci), 1990

ÖZGEN C., Internal model control studies in a pH-Control loop, Yüksek Lisans, S.GİRİÇ(Öğrenci), 1989

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. **Modeling of gate control neuronal circuitry including morphologies and physiologies of component neurons and fibres**
Agi E., ÖZGEN C., PURALI N.
9th International Symposium on Dynamics and Control of Process Systems, DYCOPS 2010, Leuven, Belçika, 5 - 07 Temmuz 2010, cilt.9, ss.865-870
- III. **A disposable MEMS DNA biosensor for antibiotic resistant gene detection in Staphylococcus aureus**
Staphylococcus aureus suşlarında antibiyotiğe dirençli gen tanisi için tek kullanımlık MEMS DNA biyosensörü
Ceylan H., KÜLAH H., ALP A., ÖZGEN C., Hascelik G.
2010 15th National Biomedical Engineering Meeting, BIYOMUT2010, Antalya, Türkiye, 21 - 24 Nisan 2010
- IV. **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
- V. **EKF and ANFIS estimator design in multicomponent batch distillation columns**
Yıldız U., Güner E., ÖZGEN C., LEBLEBİCİOĞLU M. K.
7th IFAC Symposium on Dynamics and Control of Process Systems, DYCOPS 2004, Cambridge, Amerika Birleşik Devletleri, 5 - 07 Temmuz 2004, cilt.37, ss.631-636

Metrikler

Yayın: 13

Atf (WoS): 162

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H-İndeks (Scopus): 7

Akademi Dışı Deneyim

METU, Professor

METU, Associate Professor (Promotion)

METU, Associate Professor (Title)

METU, Assistant Professor

METU, Instructor/Reader

METU, Assistant