

Prof. Dr. HALE HAPOĞLU

Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: AAH-1462-2020

ScopusID: 7003947560

Yoksis Araştırmacı ID: 7388

Eğitim Bilgileri

Doktora, University of Wales, Birleşik Krallık 1989 - 1994

Yüksek Lisans, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), Türkiye 1985 - 1988

Lisans, Ankara Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Türkiye 1981 - 1985

Yaptığı Tezler

Doktora, Self-Tuning Control of Packed Distillation Columns, University of Wales, 1994

Yüksek Lisans, Corynebacterium sp ile Glutamik Asit Üretimi ve Biyoreaktör Tasarım Parametrelerinin Bulunması, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), 1988

Araştırma Alanları

Mühendislik ve Teknoloji

Verdiği Dersler

Kimya Mühendisliği Lab. II, Lisans, 2021 - 2022

English for Business Life, Lisans, 2021 - 2022

Proses Dinamiği ve Kontrolü, Lisans, 2022 - 2023

Numerical Methods (Agrubu), Lisans, 2021 - 2022

Graduation Thesis, Lisans, 2022 - 2023

Mesleki İngilizce I, Lisans, 2022 - 2023

Araştırma Teknikleri, Lisans, 2021 - 2022

Kimya Mühendisliği Lab. III, Lisans, 2022 - 2023

Chemical Engineering Lab. III, Lisans, 2021 - 2022

Professional English I, Lisans, 2022 - 2023

Professional English, Lisans, 2022 - 2023

Araştırma Teknikleri II, Lisans, 2021 - 2022

Uzmanlık Alanı Dersi, Doktora, 2022 - 2023, 2021 - 2022

KYM351 Kimya Müh. Lab I, Lisans, 2022 - 2023

Araştırma Teknikleri, Lisans, 2022 - 2023

Kendinden Ayarlamalı Kontrol Sistemleri, Doktora, 2022 - 2023, 2021 - 2022

Professional English II, Lisans, 2021 - 2022
Mesleki İngilizce II, Lisans, 2021 - 2022
KYM454 Kimya Müh Lab III, Lisans, 2021 - 2022

Yönetilen Tezler

- HAPOĞLU H., Fethiye körfezinde su kalitesi indeksleri ile değerlendirmenin karşılaştırılması, Yüksek Lisans, M.KAÇAN(Öğrenci), 2020
- HAPOĞLU H., Evsel ve endüstriyel atık suların birleşik elektrokoagülasyon ve elektro-oksiasyon prosesi ile arıtılması, Doktora, B.ÖZYURT(Öğrenci), 2019
- HAPOĞLU H., Ardışık kimyasal ve elektrokimyasal yöntem ile atık sudan bor giderimi, Yüksek Lisans, Ç.ATEŞ(Öğrenci), 2018
- HAPOĞLU H., Kağıt endüstrisi atıksularının elektrokimyasal yöntemle arıtılması, Doktora, Ş.CAMCIOĞLU(Öğrenci), 2016
- HAPOĞLU H., Çok girdili-çok çıktı kontrolün ekme mayası üretimine uygulanması, Doktora, H.BOYACIOĞLU(Öğrenci), 2013
- HAPOĞLU H., Petrokimyasal atıksuların elektrokimyasal yöntemle arıtılması, Doktora, S.OLANİPEKUN(Öğrenci), 2013
- HAPOĞLU H., Peynir yapım tesislerinden alınan atık suyu biyolojik işlemde geçirme, Doktora, S.ALTUNTAŞ(Öğrenci), 2012
- HAPOĞLU H., Su bazlı boya üretim tesislerinin atık sularının arıtılmasında genelleştirilmiş minimum değişmeli (GMV) algoritma ile pH kontrolü, Yüksek Lisans, Ş.CAMCIOĞLU(Öğrenci), 2010
- HAPOĞLU H., SÜREKLİ KARIŞTIRMALI REAKTÖRDE FUZZY KONTROLÜN SABUNLAŞMA REAKSİYONUNA UYGULANMASI, F.KILIÇ(Öğrenci), 2007
- HAPOĞLU H., Sürekli karıştırmalı reaktörde fuzzy kontrolün sabunlaşma reaksiyonuna uygulanması, Yüksek Lisans, F.KILIÇ(Öğrenci), 2007
- HAPOĞLU H., Beyaz kutu modeli kullanan doğrusal olmayan kendinden ayarlamalı PID kontrol algoritmasının bir nötralizasyon prosesine uygulanması, Yüksek Lisans, Y.DURAK(Öğrenci), 2005
- HAPOĞLU H., Self-tuning PID kontrolün bir nötralizasyon prosesine uygulanması, Yüksek Lisans, S.ALTUNTAŞ(Öğrenci), 2002
- HAPOĞLU H., Doğrusal olmayan kendinden ayarlamalı PID kontrol edicisinin bir dolgu damıtma kolonuna uygulanması, Yüksek Lisans, F.MÜGE(Öğrenci), 2002
- HAPOĞLU H., Kesikli biyoreaktörde çözünmüş oksijen derişiminin genelleştirilmiş minimum varyans kontrolü, Yüksek Lisans, H.BOYACIOĞLU(Öğrenci), 2002
- HAPOĞLU H., Kireçtaşının sülfirik asitle nötralizasyonunun dinamik analizi ve pH kontrolü, Yüksek Lisans, G.TEZCAN(Öğrenci), 2001
- HAPOĞLU H., Bir polimerizasyon reaktöründe optimal sıcaklığın deadbeat kontrolü, Yüksek Lisans, M.BALIKHANİ(Öğrenci), 2001
- HAPOĞLU H., Doğrusal olmayan genelleştirilmiş tahmin edici kontrol stratejilerinin bir borusal akış reaktörüne uygulanması ve optimum parametrelerin bulunması, Yüksek Lisans, B.KIZILAY(Öğrenci), 1999
- HAPOĞLU H., Genelleştirilmiş minimum değişmeli kontrol stratejilerinin bir borusal akış reaktörüne uygulanması ve optimum parametrelerinin bulunması, Yüksek Lisans, Ç.GÜRESİNLİ(Öğrenci), 1998

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Combined statistical analysis of water quality for determination of relationships between parameters: case study of Akkopru Stream, Van/Turkey**
Turan A., Aldemir A., HAPOĞLU H.
DESALINATION AND WATER TREATMENT, cilt.247, ss.244-257, 2022 (SCI-Expanded)
- II. **Treatment of sunflower oil industry wastewater by coagulation-flocculation and electro-Fenton methods**

ÖZYURT B., CAMCIOĞLU Ş., Karatokus T., Yuksek C., HAPOĞLU H.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.36, sa.1, ss.275-290, 2021 (SCI-Expanded)

- III. **Boron removal from industrial wastewaters by means of optimized sequential chemical precipitation and coagulation processes**
ÖZYURT B., CAMCIOĞLU Ş., Firtin M., Ates C., HAPOĞLU H.
DESALINATION AND WATER TREATMENT, cilt.172, ss.292-300, 2019 (SCI-Expanded)
- IV. **Evaluation of electro-Fenton method on cheese whey treatment: optimization through response surface methodology**
Camcioglu Ş., Özyurt B., Sengul S., Hapoglu H.
DESALINATION AND WATER TREATMENT, cilt.172, ss.270-280, 2019 (SCI-Expanded)
- V. **Discrete-time controllers for temperature control of a polystyrene polymerization reactor**
Hapoglu H., Ozkan G., Altuntas S.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, cilt.96, sa.9, ss.1227-1232, 2019 (SCI-Expanded)
- VI. **Real-time experimental generalized minimum variance control of operating parameters in an electrocoagulation process**
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.
DESALINATION AND WATER TREATMENT, cilt.139, ss.305-318, 2019 (SCI-Expanded)
- VII. **Distributed Wireless Liquid Level Control of a Process Simulator Over a Network**
Bayram I., HAPOĞLU H., Aldemir A.
WIRELESS PERSONAL COMMUNICATIONS, cilt.101, sa.1, ss.41-58, 2018 (SCI-Expanded)
- VIII. **Two Time Steps Predictive Control Application to a Bioprocess Simulator**
Altuntas S., HAPOĞLU H.
INTERNATIONAL JOURNAL OF FOOD ENGINEERING, cilt.14, sa.2, 2018 (SCI-Expanded)
- IX. **Enclosed coastal waters quality monitoring with bacterial indicator phase-plane analysis**
HAPOĞLU H., CAMCIOĞLU Ş., ÖZYURT B., YILDIRIM P., Yilmaz N., BALAS L.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.33, sa.4, ss.1419-1431, 2018 (SCI-Expanded)
- X. **Application of response surface methodology as a new PID tuning method in an electrocoagulation process control case**
Camcioglu Ş., ÖZYURT B., Dogan I. C., Hapoglu H.
WATER SCIENCE AND TECHNOLOGY, cilt.76, sa.12, ss.3410-3427, 2017 (SCI-Expanded)
- XI. **A consecutive electrocoagulation and electro-oxidation treatment for pulp and paper mill wastewater**
ÖZYURT B., CAMCIOĞLU Ş., HAPOĞLU H.
DESALINATION AND WATER TREATMENT, cilt.93, ss.214-228, 2017 (SCI-Expanded)
- XII. **Effect of process control on optimization of pulp and paper mill wastewater treatment by electrocoagulation**
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, cilt.111, ss.300-319, 2017 (SCI-Expanded)
- XIII. **MIMO control application for pulp and paper mill wastewater treatment by electrocoagulation**
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.
DESALINATION AND WATER TREATMENT, cilt.93, ss.200-213, 2017 (SCI-Expanded)
- XIV. **Experimental Self-Tuning Proportional Integral Derivative pH Control: Application to a Bioprocess**
Altuntas S., Hapoglu H., Ertunc S., Alpbaz M.
ACTA PHYSICA POLONICA A, cilt.132, sa.3, ss.1006-1009, 2017 (SCI-Expanded)
- XV. **Experimental pH advance control of the cheese whey batch kefir-type drink production with manipulated base flowrate**
Altuntas S., HAPOĞLU H., ERTUNÇ S., Alpbaz M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.31, sa.3, ss.710-717, 2016 (SCI-Expanded)

- XVI. **Experimental application of one step ahead advanced pH control to water-based paint wastewater treatment**
CAMCIOĞLU Ş., ÖZYURT B., ZEYBEK Z., HAPOĞLU H.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.31, sa.3, ss.656-665, 2016 (SCI-Expanded)
- XVII. **Control of adiabatic continuous stirred tank reactor at an unstable operating point**
Altuntas S., Hapoglu H.
BULGARIAN CHEMICAL COMMUNICATIONS, cilt.48, ss.14-19, 2016 (SCI-Expanded)
- XVIII. **The Effect of Temperature, pH and SO₂ on Ethanol Concentration and Sugar Consumption Rate (SCR) in Apple Wine Process**
Bozoglu M. D., ERTUNÇ S., AKAY B., Bursali N., VURAL N., HAPOĞLU H., DEMİRCİ Y.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, cilt.37, sa.3, ss.431-439, 2015 (SCI-Expanded)
- XIX. **The effect of temperature, pH and SO₂ on ethanol concentration and Sugar Consumption Rate (SCR) in apple wine process**
Bozoglu M. D., ERTUNÇ S., AKAY B., Bursali N., VURAL N., HAPOĞLU H., Demirci Y.
Journal of the Chemical Society of Pakistan, cilt.37, sa.3, ss.431-439, 2015 (SCI-Expanded)
- XX. **Application of pH control to a tubular flow reactor**
Vural I. H., Altınten A., Hapoglu H., Erdogan S., Alpbaz M.
CHINESE JOURNAL OF CHEMICAL ENGINEERING, cilt.23, sa.1, ss.154-161, 2015 (SCI-Expanded)
- XXI. **Self-Tuning GMV Control of Glucose Concentration in Fed-Batch Baker's Yeast Production**
YILMAZER HİTİT Z., Boyacioglu H., ÖZYURT B., ERTUNÇ S., HAPOĞLU H., AKAY B.
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.172, sa.8, ss.3761-3775, 2014 (SCI-Expanded)
- XXII. **Biological hydrogen production: effects of inoculation and production media**
ÖZYURT B., YILMAZER HİTİT Z., ERTUNÇ S., HAPOĞLU H., AKAY B., Demirtas G. F.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, cilt.6, sa.2-3, ss.350-365, 2014 (SCI-Expanded)
- XXIII. **Fuzzy Control with Genetic Algorithm in a Batch Bioreactor**
Ahioglu S., ALTINTEN A., ERTUNÇ S., Erdogan S., HAPOĞLU H.
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.171, sa.8, ss.2201-2219, 2013 (SCI-Expanded)
- XXIV. **APPLICATION OF TEMPERATURE CONTROL IN A BATCH POLYMERIZATION REACTOR AT DIFFERENT OPTIMAL TEMPERATURES**
Cetinkaya S., DURMAZUÇAR H. H., ZEYBEK Z., HAPOĞLU H., Alpbaz M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.28, sa.2, ss.383-392, 2013 (SCI-Expanded)
- XXV. **Control of dissolved oxygen concentration using neural network in a batch bioreactor**
Mete T., ÖZKAN G., HAPOĞLU H., Alpbaz M.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, cilt.20, sa.4, ss.619-628, 2012 (SCI-Expanded)
- XXVI. **Fuzzy control of semi-batch polymerization reactor with genetic algorithm Yari-kesikli stiren polimerizasyon reaktörünün genetik algoritma ile bulanik kontrolu**
ALTINTEN A., ALTINDAL Ş., Erdoğan S., HAPOĞLU H.
Journal of the Faculty of Engineering and Architecture of Gazi University, cilt.26, sa.3, ss.613-621, 2011 (SCI-Expanded)
- XXVII. **Discrete system identification and self-tuning control of dissolved oxygen concentration in a stirred reactor**
AKAY B., ERTUNÇ S., Boyacioglu H., HAPOĞLU H., Alpbaz M.
Korean Journal of Chemical Engineering, cilt.28, sa.3, ss.837-847, 2011 (SCI-Expanded)
- XXVIII. **Application of experimental non-linear control based on generic algorithm to a polymerization reactor**
ÖZKAN G., Tekin O., HAPOĞLU H.
KOREAN JOURNAL OF CHEMICAL ENGINEERING, cilt.26, sa.5, ss.1201-1207, 2009 (SCI-Expanded)
- XXIX. **Self-tuning control of dissolved oxygen concentration in a batch bioreactor**
ERTUNÇ S., AKAY B., Boyacioglu H., HAPOĞLU H.

- Food and Bioproducts Processing, cilt.87, sa.1, ss.46-55, 2009 (SCI-Expanded)
- XXX. **Self-tuning PID control of jacketed batch polystyrene reactor using genetic algorithm**
ALTINTEN A., Ketevanlioglu F., Erdogan S., HAPOĞLU H., Alpbaz M.
CHEMICAL ENGINEERING JOURNAL, cilt.138, sa.1-3, ss.490-497, 2008 (SCI-Expanded)
- XXXI. **Experimental application of linear/nonlinear dynamic matrix control to a reactor of limestone slurry titrated with sulfuric acid**
Ozkan G., User A., Hapoglu H., Alpbaz M.
CHEMICAL ENGINEERING JOURNAL, cilt.137, sa.2, ss.320-327, 2008 (SCI-Expanded)
- XXXII. **Application of adaptive heuristic criticism control (AHCC) to dye wastewater**
Zeybek Z., Karapinar T., Alpbaz M., Hapoglu H.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, cilt.84, sa.4, ss.461-472, 2007 (SCI-Expanded)
- XXXIII. **Multivariable system identification and generic model control of a laboratory scale packed distillation column**
Karacan S., Hapoglu H., Alpbaz M.
APPLIED THERMAL ENGINEERING, cilt.27, sa.5-6, ss.1017-1028, 2007 (SCI-Expanded)
- XXXIV. **Application of fuzzy control method with genetic algorithm to a polymerization reactor at constant set point**
ALTINTEN A., Erdogan S., Hapoglu H., Aliev F., Alpbaz M.
CHEMICAL ENGINEERING RESEARCH & DESIGN, cilt.84, sa.A11, ss.1012-1018, 2006 (SCI-Expanded)
- XXXV. **Generalized delta rule (GDR) algorithm with generalized predictive control (GPC) for optimum temperature tracking of batch polymerization**
Zeybek Z., Cetinkaya S., Hapoglu H., Alpbaz M.
CHEMICAL ENGINEERING SCIENCE, cilt.61, sa.20, ss.6691-6700, 2006 (SCI-Expanded)
- XXXVI. **Optimal temperature control in a batch polymerization reactor using fuzzy-relational models-dynamics matrix control**
Cetinkaya S., Zeybek Z., Hapoglu H., Alpbaz M.
COMPUTERS & CHEMICAL ENGINEERING, cilt.30, sa.9, ss.1315-1323, 2006 (SCI-Expanded)
- XXXVII. **Non-linear generalised predictive control of a jacketed well mixed tank as applied to a batch process - A polymerisation reaction**
Ozkan G., Hapoglu H., Alpbaz M.
APPLIED THERMAL ENGINEERING, cilt.26, sa.7, ss.720-726, 2006 (SCI-Expanded)
- XXXVIII. **Application of self-tuning PID control to a reactor of limestone slurry titrated with sulfuric acid**
Alpbaz M., Hapoglu H., Ozkan G., Altuntas S.
CHEMICAL ENGINEERING JOURNAL, cilt.116, sa.1, ss.19-24, 2006 (SCI-Expanded)
- XXXIX. **Application of multivariable nonlinear adaptive generic model control to a packed distillation column**
Karacan S., Moslempour Z., Hapoglu H., Alpbaz M.
CHEMICAL ENGINEERING COMMUNICATIONS, cilt.193, sa.12, ss.1635-1659, 2006 (SCI-Expanded)
- XL. **A new computer algorithm approach to identification of continuous-time batch bioreactor model parameters**
Ertunc S., Akay B., Hapoglu H., Alpbaz M.
COMPUTATIONAL SCIENCE - ICCS 2005, PT 1, PROCEEDINGS, cilt.3514, ss.147-154, 2005 (SCI-Expanded)
- XLI. **Application of adaptive PID control with genetic algorithm to a polymerization reactor**
ALTINTEN A., Erdogan S., Alioglu F., Hapoglu H., Alpbaz M.
CHEMICAL ENGINEERING COMMUNICATIONS, cilt.191, sa.9, ss.1158-1172, 2004 (SCI-Expanded)
- XLII. **Experimental application of generalized predictive control of the temperature in a polystyrene polymerization reactor**
Alpbaz M., Hapoglu H., Ozkan G.
CHEMICAL ENGINEERING COMMUNICATIONS, cilt.191, sa.9, ss.1173-1184, 2004 (SCI-Expanded)
- XLIII. **Adaptive heuristic temperature control of a batch polymerisation reactor**
Zeybek Z., Yuce S., Hapoglu H., Alpbaz M.

- CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, cilt.43, sa.7, ss.911-920, 2004 (SCI-Expanded)
- XLIV. **Generalized minimum variance control of growth medium temperature of Baker's yeast production**
Ertunc S., Akay B., Bursali N., Hapoglu H., Alpbaz M.
FOOD AND BIOPRODUCTS PROCESSING, cilt.81, sa.C4, ss.327-335, 2003 (SCI-Expanded)
- XLV. **Control of a polymerization reactor by fuzzy control method with genetic algorithm**
ALTINTEN A., Erdogan S., Hapoglu H., Alpbaz M.
COMPUTERS & CHEMICAL ENGINEERING, cilt.27, sa.7, ss.1031-1040, 2003 (SCI-Expanded)
- XLVI. **Control and dynamic analysis of a packed distillation column based on modeling approaches**
Alpbaz M., Karacan S., Cabbar Y., Hapoglu H.
CHEMICAL ENGINEERING COMMUNICATIONS, cilt.190, sa.5-8, ss.705-725, 2003 (SCI-Expanded)
- XLVII. **Application of generalized predictive control to baker's yeast production**
Akay B., Ertunc S., Bursali N., Hapoglu H., Alpbaz M.
CHEMICAL ENGINEERING COMMUNICATIONS, cilt.190, sa.5-8, ss.999-1017, 2003 (SCI-Expanded)
- XLVIII. **Nonlinear long range predictive control of an openloop unstable reactor**
Hapoglu H.
COMPUTERS & CHEMICAL ENGINEERING, cilt.26, sa.10, ss.1427-1436, 2002 (SCI-Expanded)
- XLIX. **Application of model predictive control and dynamic analysis to a pilot distillation column and experimental verification**
Alpbaz M., Karacan S., Cabbar Y., Hapoglu H.
CHEMICAL ENGINEERING JOURNAL, cilt.88, sa.1-3, ss.163-174, 2002 (SCI-Expanded)
- L. **Adaptive control of S.cerevisiae production**
Akay B., Ertunc S., Kahvecioglu A., Hapoglu H., Alpbaz M.
FOOD AND BIOPRODUCTS PROCESSING, cilt.80, sa.C1, ss.28-38, 2002 (SCI-Expanded)
- LI. **Application of optimal adaptive generalized predictive control to a packed distillation column**
Karacan S., Hapoglu H., Alpbaz M.
CHEMICAL ENGINEERING JOURNAL, cilt.84, sa.3, ss.389-396, 2001 (SCI-Expanded)
- LII. **The effect of the tuning parameters on the performance of the parametric and nonparametric model based control methods for growth medium temperature of baker's yeast production**
Bursali N., Ertunc S., Akay B., Pamuk V., Hapoglu H., Alpbaz M.
FOOD AND BIOPRODUCTS PROCESSING, cilt.79, sa.C4, ss.242-249, 2001 (SCI-Expanded)
- LIII. **Parametric and nonparametric model based control of a packed distillation column**
Hapoglu H., Karacan S., Koca Z., Alpbaz M.
CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, cilt.40, sa.6, ss.537-544, 2001 (SCI-Expanded)
- LIV. **Nonlinear control of polymerization reactor**
Ozkan G., Ozen S., Erdogan S., Hapoglu H., Alpbaz M.
COMPUTERS & CHEMICAL ENGINEERING, cilt.25, sa.4-6, ss.757-763, 2001 (SCI-Expanded)
- LV. **New tuning method for generalized predictive control of the production of S-cerevisiae**
Bursali N., Akay B., Ertunc S., Hapoglu H., Alpbaz M.
FOOD AND BIOPRODUCTS PROCESSING, cilt.79, sa.C1, ss.27-34, 2001 (SCI-Expanded)
- LVI. **Generalized minimum variance control of optimal temperature profiles in a polystyrene polymerization reactor**
Karagoz A., Hapoglu H., Alpbaz M.
CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, cilt.39, sa.3, ss.253-262, 2000 (SCI-Expanded)
- LVII. **Optimal temperature control in a batch polymerization reactor using nonlinear generalized predictive control**
Hapoglu H., Ozkan G., Alpbaz M.
CHEMICAL ENGINEERING COMMUNICATIONS, cilt.183, ss.155-185, 2000 (SCI-Expanded)
- LVIII. **Application of multivariable generalized predictive control to a packed distillation column**

Hapoglu H., Karacan S., Cabbar Y., BALAS C. E., Alpbaz M.

CHEMICAL ENGINEERING COMMUNICATIONS, cilt.174, ss.61-84, 1999 (SCI-Expanded)

- LIX. **The steady-state and dynamic analysis of packed distillation column based on partial differential approach**

Karacan S., Cabbar Y., Alpbaz M., Hapoglu H.

CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, cilt.37, sa.5, ss.379-388, 1998 (SCI-Expanded)

- LX. **Generalized predictive control of optimal temperature profiles in a polystyrene polymerization reactor**

Ozkan G., Hapoglu H., Alpbaz M.

CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, cilt.37, sa.2, ss.125-139, 1998 (SCI-Expanded)

- LXI. **Application of Nonlinear Generalised Minimum Variance control to a tubular flow reactor**

Alpbaz M., Hapoglu H., Guresinli C.

COMPUTERS & CHEMICAL ENGINEERING, cilt.22, 1998 (SCI-Expanded)

- LXII. **Identification and non linear pole placement self tuning PID control of a jacketed well mixed reactor**

Ozkan G., Hapoglu H., Alpbaz M.

CHEMICAL ENGINEERING COMMUNICATIONS, cilt.170, ss.199-215, 1998 (SCI-Expanded)

- LXIII. **Generalized Predictive Control to a packed distillation column for regulatory problems**

Karacan S., Hapoglu H., Alpbaz M.

COMPUTERS & CHEMICAL ENGINEERING, cilt.22, 1998 (SCI-Expanded)

- LXIV. **Pole placement self tuning control for packed distillation column**

Karacan S., Hapoglu H., Cabbar Y., Alpbaz M.

CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, cilt.36, sa.4, ss.309-315, 1997 (SCI-Expanded)

- LXV. **Application of optimal adaptive control based on generalized minimum variance to a packed distillation column**

Caglayan N., Karacan S., Hapoglu H., Alpbaz M.

COMPUTERS & CHEMICAL ENGINEERING, cilt.21, 1997 (SCI-Expanded)

- LXVI. **ON THE SOLUTION OF MODELS OF BINARY AND MULTICOMPONENT PACKED DISTILLATION-COLUMNS USING ORTHOGONAL COLLOCATION ON FINITE-ELEMENTS**

WARDLE A., HAPOGLU H.

CHEMICAL ENGINEERING RESEARCH & DESIGN, cilt.72, sa.A4, ss.551-564, 1994 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Discrete-time dynamic water quality index model in coastal water**

Hapoglu H., Camcioglu Ş., Ozyurt B., Yildirim P., Balas L.

GLOBAL JOURNAL OF ENVIRONMENTAL SCIENCE AND MANAGEMENT-GJESM, cilt.7, sa.2, ss.197-210, 2021 (ESCI)

- II. **Optimization of generalized predictive control (GPC) tuning parameters by response surface methodology (RSM)**

Aldemir A., HAPOĞLU H., Alpbaz M.

International Journal of Control and Automation, cilt.13, sa.2, ss.687-702, 2020 (Scopus)

- III. **Application of Discrete-Time Controllers to A Pilot Scale Packed Distillation Column**

Altuntaş S., HAPOĞLU H.

Journal of the Turkish Chemical Society Section B: Chemical Engineering, cilt.3, sa.1, ss.29-34, 2020 (Hakemli Dergi)

- IV. **OPTIMAL TEMPERATURE CONTROL IN A BATCH POLYMERIZATION REACTOR USING DEADBEAT CONTROL**

ÇETİNKAYA GÜRER S., Anaklı D., HAPOĞLU H.

Eskişehir Technical University Journal of Science and Technology A- Applied Sciences and Engineering, cilt.20,

ss.49-54, 2019 (Hakemli Dergi)

- V. **Impact of Robust Error Control on Fluid Level by Wireless Network Applications**
Bayram I., HAPOĞLU H., Aldemir A.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGİSİ, cilt.21, sa.3, ss.685-691, 2018 (ESCI)
- VI. **Modelling of Baker s Yeast Production**
Boyacıoğlu H., ERTUNÇ S., HAPOĞLU H.
International Journal of Secondary Metabolite, cilt.4, sa.1, ss.10-17, 2017 (Hakemli Dergi)
- VII. **Comparison of Wireless Temperature Profiles With Generalized Predictive Control**
Aldemir A., HAPOĞLU H.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGİSİ, cilt.19, sa.3, ss.377-388, 2016 (ESCI)
- VIII. **Comparison of PID Tuning Methods For Wireless Temperature Control**
Aldemir A., HAPOĞLU H.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGİSİ, cilt.19, sa.1, ss.9-19, 2016 (ESCI)
- IX. **Kablosuz Sıcaklık Kontrolü için PID Ayarlama Yöntemlerinin Karşılaştırılması Comparison of PID Tuning Methods For Wireless Temperature Control**
Aldemir A., Hapoğlu H.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGİSİ, cilt.19, sa.1, ss.9-19, 2016 (Hakemli Dergi)
- X. **Genelleştirilmiş Öngörmeli Kontrol ile Kablosuz Sıcaklık Profillerinin Karşılaştırılması Comparison of Wireless Temperature Profiles with Generalized Predictive Control**
ALDEMİR A., HAPOĞLU H.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGİSİ, cilt.19, sa.3, ss.377-387, 2016 (Hakemli Dergi)
- XI. **ELEKTROKOAGÜLASYON YÖNTEMİYLE KAĞIT ATIK SUYU ARITIMINDA pH KONTROLÜ**
Camcıoğlu Ş., Özyurt B., Hapoğlu H.
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :A-Uygulamalı Bilimler ve Mühendislik, cilt.16, sa.2, ss.107, 2015 (Hakemli Dergi)
- XII. **Comparison of ARMAX Model Identification Results Based on Least Squares Method**
Aldemir A., Hapoğlu H.
International Journal of Modern Trends in Engineering and Research, cilt.2, sa.10, ss.27-35, 2015 (Hakemli Dergi)
- XIII. **Experimental design of wastewater treatment with electro-coagulation**
CAMCIOĞLU Ş., Pekel L. C., POLAT K., HAPOĞLU H.
Management of Environmental Quality: An International Journal, cilt.25, sa.1, ss.86-95, 2014 (Scopus)
- XIV. **Aluminium electrode dissolution in electrocoagulation process**
Giwa S., Pekel C., CAMCIOĞLU Ş., ERTUNÇ S., Alpbaz M., HAPOĞLU H.
International Journal of Advanced Scientific and Technical Research, cilt.4, sa.3, ss.127-136, 2013 (Hakemli Dergi)
- XV. **Adaptive neuro-fuzzy inference systems (ANFIS) modeling of reactive distillation process**
Giwa A., Giwa S. O., HAPOĞLU H.
ARPN Journal of Engineering and Applied Sciences, cilt.8, sa.7, ss.473-479, 2013 (Scopus)
- XVI. **Investigating the effects of some parameters on hydrogen sulphide stripping column using Aspen HYSYS**
Giwa S. O., Giwa A., HAPOĞLU H.
ARPN Journal of Engineering and Applied Sciences, cilt.8, sa.5, ss.338-347, 2013 (Scopus)
- XVII. **Electrocoagulation treatment of petrol refinery wastewater optimization through RSM**
Giwa S., Giwa A., Zeybek Z., Hapoğlu H.
International Journal of Engineering Research and Technology, cilt.2, sa.8, ss.145-154, 2013 (Hakemli Dergi)
- XVIII. **Effects of operating parameters on electrode dissolution and energy consumption during electrocoagulation treatment of petroleum refinery wastewater**
Giwa S. O., Giwa A., Togrul H., HAPOĞLU H.
International Journal of Engineering Reseach and Technology, cilt.2, sa.8, ss.178-186, 2013 (Hakemli Dergi)
- XIX. **Optimization of turbidity removal from petrochemical wastewater by electrocoagulation using response surface methodology**
Giwa S., Pekel C., Vural N., HAPOĞLU H.

- International Journal of Advanced Scientific and Technical Research, cilt.3, sa.1, ss.443-454, 2013 (Hakemli Dergi)
- XX. **Electrocoagulation Treatment of Turbid Petrochemical Wastewater**
Giwa S. O., Ertunç S., Alpbaz M., Hapoğlu H.
International Journal of Advances in Science and Technology, cilt.5, sa.5, ss.23-32, 2012 (Hakemli Dergi)
- XXI. **Servo Control Application of Predictive Algorithm to the Cheese Whey Drink Production**
Semin A., ERTUNÇ S., HAPOĞLU H., Alpbaz M.
Eskişehir Osmangazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, cilt.25, sa.2, ss.31-42, 2012 (Hakemli Dergi)
- XXII. **Evolution of the Number of Transfer Units NTU and the Column Height by using On line Temperature Measurements for a Pilot Scale Packed bed Distillation Column**
ALDEMİR A., ERTUNÇ S., HAPOĞLU H., Mustafa A.
TOSJAT The On-line Journal of Science and Technology, cilt.2, sa.1, ss.42-48, 2012 (Hakemli Dergi)
- XXIII. **Evaluation of the number of transfer units NTU and the column height by using on line temperature measurements for a pilot scale packed batch distillation column**
ALDEMİR A., ERTUNÇ S., HAPOĞLU H., Alpbaz M.
The Online Journal of Science and Technology, cilt.2, sa.1, ss.1-7, 2012 (Hakemli Dergi)
- XXIV. **The effects of operating parameters on temperature and electrode dissolution in electrocoagulation treatment of petrochemical wastewater**
Giwa S., POLAT K., HAPOĞLU H.
International Journal of Engineering Research and Technology, cilt.1, sa.10, ss.968-976, 2012 (Hakemli Dergi)
- XXV. **Application of nonlinear model predictive control based on different models to batch polymerization reactor**
Cetinkaya S., ANAKLI D., ZEYBEK Z., HAPOĞLU H., Alpbaz M.
International Conference on Integrated Modeling and Analysis in Applied Control and Automation, cilt.1, ss.148-155, 2011 (Scopus)
- XXVI. **Discrete time Modelling of the Cheese Whey Drink Production and Servo Control of pH**
Altuntaş S., ERTUNÇ S., HAPOĞLU H., Alpbaz M.
Ordu Üniversitesi Bilim ve Teknoloji Dergisi, cilt.1, sa.1, ss.15-22, 2011 (Hakemli Dergi)
- XXVII. **Textile wastewater treatment with coagulation and GPC Control**
Pekel L. C., ZEYBEK Z., HAPOĞLU H., Alpbaz M.
Chemical Engineering Transactions, cilt.21, ss.817-822, 2010 (Scopus)
- XXVIII. **Kesikli Biyoreaktörde *S cerevisiae* NRRL Y 567 Mikroorganizmasının Çoğalmasına Glukozun Etkisi ve Optimum Sıcaklığın Geri Beslemeli Kontrolü**
ERTUNÇ S., AKAY B., HAPOĞLU H., Alpbaz M.
Fırat Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, cilt.13, sa.2, ss.177-184, 2001 (Hakemli Dergi)
- XXIX. **Nonlinear model based control of optimal temperature profiles in polystyrene polymerization reactor**
ÖZKAN G., Özen S., Erdogan S., HAPOĞLU H., Alpbaz M.
Computer Aided Chemical Engineering, cilt.8, sa.C, ss.187-192, 2000 (Scopus)
- XXX. **Dynamic simulation of packed distillation columns using orthogonal collocation on finite elements**
HAPOĞLU H., Balas L.
International Journal of Modelling and Simulation, cilt.19, sa.1, ss.101-110, 1999 (Scopus)
- XXXI. **Dynamic models for packed distillation columns**
Karacan S., Alpbaz M., Hapoğlu H., Cabbar Y., Abilov A., Pamuk V.
International Journal of Modelling and Simulation, cilt.19, sa.3, ss.226-235, 1999 (Scopus)
- XXXII. **Self-tuning and conventional control of an industrial scale packed distillation column**
HAPOĞLU H., BALAS C. E., Wardle A. P.
Turkish Journal of Engineering and Environmental Sciences, cilt.22, sa.1, ss.1-8, 1998 (Scopus)
- XXXIII. **Self tuning and conventional control of an industrial scale packed distillation coulumn**
HAPOĞLU H., BALAS C. E., Wardle A.
TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, cilt.22, sa.1, ss.1-8, 1998 (Hakemli Dergi)

- XXXIV. **Generalized minimum variance (GMV) control of packed distillation columns**
HAPOĞLU H., Balas L., Wardle A.
Turkish Journal of Engineering & Environmental Sciences, cilt.19, sa.5, ss.391-398, 1995 (Scopus)
- XXXV. **The generalised minimum variance GMV control of packed distillation columns**
HAPOĞLU H., BALAS L., Wardle A.
TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, cilt.19, sa.5, ss.391-398, 1995 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **Kefir-type drinks from whey**
Altuntaş S., Hapoğlu H.
Non-alcoholic beverages, Alexandru Mihai Grumezescu, Alina Maria Holban, Editör, Woodhead Publishing, Elsevier, Cambridge, ss.185-226, 2019
- II. **Proses Kontrol**
Alpbaz M., Hapoglu H., AKAY B.
Gazi Kitabevi, Ankara, 2012

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Simultaneous reduced graphene oxide production and chemical oxygen demand removal from domestic wastewater**
SOYSAL F., ÇIPLAK Z., ÖZYURT B., CAMCIOĞLU Ş., HAPOĞLU H., YILDIZ N.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Türkiye, 19 - 20 Mart 2020
- II. **Evaluation of electro-Fenton method on cheese whey treatment: Optimization through Response Surface Methodology**
ÖZYURT B., CAMCIOĞLU Ş., FIRTIN M., HAPOĞLU H.
4th International Conference on Recycling and Reuse, İstanbul, Türkiye, 24 - 26 Ekim 2018
- III. **Boron removal from industrial wastewaters by means of optimized sequential chemical precipitation and coagulation processes**
ÖZYURT B., CAMCIOĞLU Ş., FIRTIN M., HAPOĞLU H.
4th International Conference on Recycling and Reuse, İstanbul, Türkiye, 24 - 26 Ekim 2018
- IV. **Process parameters optimization of graphite-graphite electro-Fenton system for the treatment of sunflower oil refining industry**
ÖZYURT B., CAMCIOĞLU Ş., FIRTIN M., HAPOĞLU H.
4th International Conference on Recycling and Reuse, İstanbul, Türkiye, 24 - 26 Ekim 2018
- V. **Optimization of combined electrocoagulation/electrooxidation process for treatment of sunflower oil industry wastewater**
ÖZYURT B., CAMCIOĞLU Ş., FIRTIN M., HAPOĞLU H.
4th International Conference on Recycling and Reuse, İstanbul, Türkiye, 24 - 26 Ekim 2018
- VI. **Experimental Treatment of Sunflower Oil Refinery Wastewater by Means of Electrochemical Methods**
CAMCIOĞLU Ş., ÖZYURT B., FIRTIN M., HAPOĞLU H.
International Congress on Chemistry and Material Sciences, Ankara, Türkiye, 5 - 07 Ekim 2017
- VII. **Chemometric Evaluation of Effective Process Parameters on Electrocoagulation Treatment of Pulp and Paper Mill Wastewater**
CAMCIOĞLU Ş., ÖZYURT B., FIRTIN M., HAPOĞLU H.
International Congress on Chemistry and Material Sciences, Ankara, Türkiye, 5 - 07 Ekim 2017
- VIII. **Effect of Initial pH on Boron Removal from Industrial Wastewater by Means of Consecutive Chemical**

and Electrochemical Coagulation

ÖZYURT B., ATEŞ Ç., CAMCIOĞLU Ş., HAPOĞLU H.

International Congress on Chemistry and Material Sciences, Ankara, Türkiye, 5 - 07 Ekim 2017

- IX. **Reaction Kinetics of Electrochemical Sunflower Oil Refinery Wastewater Treatment**
ÖZYURT B., CAMCIOĞLU Ş., FIRTIN M., HAPOĞLU H.
International Congress on Chemistry and Material Sciences, Ankara, Türkiye, 5 - 07 Ekim 2017
- X. **MIMO control application for pulp and paper mill wastewater treatment by electrocoagulation**
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.
3rd International Conference on Recycling and Reuse, İstanbul, Türkiye, 28 - 30 Eylül 2016
- XI. **A consecutive electrocoagulation and electro oxidation treatment for pulp and paper mill wastewater**
ÖZYURT B., CAMCIOĞLU Ş., HAPOĞLU H.
3rd International Conference on Recycling and Reuse, İstanbul, Türkiye, 28 - 30 Eylül 2016
- XII. **NARX Model Based Nonlinear Dynamic System Identification of an Electrocoagulation Process Using Artificial Neural Networks**
ÖZYURT B., CAMCIOĞLU Ş., HAPOĞLU H.
RandR, 2016, 3rd International Conference on Recycling and Reuse, 28 - 30 Eylül 2016
- XIII. **NARX model based nonlinear dynamic system identification of an electrocoagulation process using artificial neural networks**
ÖZYURT B., CAMCIOĞLU Ş., HAPOĞLU H.
3rd International Conference on Recycling and Reuse, İstanbul, Türkiye, 28 - 30 Eylül 2016
- XIV. **Application of response surface methodology as a new PID tuning method in an electrocoagulation process control case**
CAMCIOĞLU Ş., Doğan İ. C., ÖZYURT B., HAPOĞLU H.
3rd International Conference on Recycling and Reuse, 28-30 September 2016, İstanbul Turkey, İstanbul, Türkiye, 28 - 30 Eylül 2016
- XV. **Two time steps predictive control application to a bioprocess simulator**
Altuntaş S., HAPOĞLU H.
28th European Modeling and Simulation Symposium, EMSS 2016, Larnaka, Kıbrıs (Gkry), 26 - 28 Eylül 2016, ss.162-167
- XVI. **Elektrokoagülasyon Yöntemiyle Kağıt Atık Suyu Arıtımında pH Kontrolü**
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Türkiye, 2 - 05 Eylül 2014
- XVII. **Application of Statistical Experimental Design Methodology to Pulp and Paper Mill Wastewater Treatment Proces**
Camcioğlu Ş., Lütfiye Canan P., Polat K., Hapoğlu H.
International Conference on Recycling and Reuse 4-6 June 2012, P 248, - İstanbul / TÜRKİYE, İstanbul, Türkiye, 4 - 06 Eylül 2012
- XVIII. **Effect of MIMO pH and temperature control in pulp and paper mill wastewater treatment with electrocoagulation process**
CAMCIOĞLU Ş., ÖZYURT B., HAPOĞLU H.
2nd International Conference on Recycling and Reuse, 4 - 06 Haziran 2014
- XIX. **Fuzzy model based temperature control of a process simulator with on-line wireless connection**
Aldemir A., ALTINTEN A., ZEYBEK Z., HAPOĞLU H., Alpbaz M.
21st International Congress of Chemical and Process Engineering, CHISA 2014 and 17th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES 2014, Prague, Çek Cumhuriyeti, 23 - 27 Ağustos 2014, cilt.4, ss.2373
- XX. **Investigation of electric current effect on electrocoagulation reactor temperature in petrochemical waste water treatment**
Saidat Olunipekun G., Yilmazer Hitit Z., Polat K., Mustafa A., Hapoğlu H.
9th International Electrochemistry Meeting in Turkey, İzmir, Türkiye, 25 - 29 Eylül 2011, cilt.10, ss.1-9

- XXI. Experimental multi input multi output MIMO control of a process control simulator**
ALDEMİR A., akpınar a., pekel karabay l. c., ÖZYURT B., HAPOĞLU H.
20th International Congress of Chemical and Process Engineering - CHISA 2012 15th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction -PRES 2012, 25 Ağustos - 29 Haziran 2012
- XXII. Effects of Stirrer Speed and Inoculation Ratio on Biohydrogen Production Yield**
YILMAZER HİTİT Z., ÖZYURT B., ERTUNÇ S., HAPOĞLU H., mustafa a., AKAY B.
International Conference on Recycling and Reuse, 4 - 06 Haziran 2012, cilt.1, ss.366-367
- XXIII. Effects of Stirrer Speed and Inoculation Ratio on Biohydrogen Production**
HİTİT Z., ÖZYURT B., ERTUNÇ S., HAPOĞLU H., Alpbaz M., AKAY B.
International Conference on Recycling and Reuse (R&R2012), İstanbul, Türkiye, 4 - 06 Haziran 2012, ss.366
- XXIV. Effects of Different Growth Media on Biohydrogen Production**
ÖZYURT B., Fırat G., YILMAZER HİTİT Z., ERTUNÇ S., HAPOĞLU H., AKAY B.
International Conference on Recycling and Reuse (R&R2012), İstanbul, Türkiye, 4 - 06 Haziran 2012, ss.40
- XXV. Investigation of current density NaCl concentration and electrolysis time effects for the treatment of pulp and paper wastewater with electrocoagulation**
CAMCIOĞLU Ş., POLAT K., ZEYBEK Z., TOĞRUL H., HAPOĞLU H.
Proceedings on the 7th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries-EMCC7 April 27-May 1 2012, Corfu Greece, KORFU, Yunanistan, 27 Nisan - 01 Mayıs 2012
- XXVI. pH Control in Biohydrogen Production: A Theoretical and Comparative Study**
ÖZYURT B., HİTİT Z., ERTUNÇ S., HAPOĞLU H., AKAY B.
7th Chemical Engineering conference for Collaborative Research in Eastern Mediterranean Countries (EMCC7), Corfu, Yunanistan, 27 Nisan - 01 Mayıs 2012, ss.44
- XXVII. Turbidity removal from petrochemical wastewater by electrocoagulation**
Olanipekun S., CAMCIOĞLU Ş., ERTUNÇ S., HAPOĞLU H., ALDEMİR A.
7th Chemical Engineering conference for Collaborative Research in Eastern Mediterranean Countries (EMCC7), Corfu, Yunanistan, 27 Nisan - 01 Mayıs 2012, ss.69
- XXVIII. The effect of different electrode configurations to the color removal efficiency of dye wastewater with electrocoagulation treatment**
LÜTFİYE CANAN P., AKPINAR A., POLAT K., HAPOĞLU H., MUSTAFA A.
9th International Electrochemistry Meeting in Turkey, İzmir, Türkiye, 25 - 29 Eylül 2011
- XXIX. The dynamic analysis of wastewater treatment with electrocoagulation method in pulp and paper making industry**
CAMCIOĞLU Ş., NİLÜFER V., POLAT K., MUSTAFA A., HAPOĞLU H.
9th International Electrochemistry Meeting in Turkey, İzmir, Türkiye, 25 - 29 Eylül 2011
- XXX. Investigation Of Current Density Effect On Electrocoagulation Reactor Temperature In Petrochemical Wastewater Treatment**
Giwa S., YILMAZER HİTİT Z., POLAT K., ALPBAZ M., HAPOĞLU H.
ECM9, 9th International Electrochemistry Meeting in Turkey, İzmir, Türkiye, 25 - 29 Eylül 2011
- XXXI. Electrocoagulation treatment of textile wastewater**
LÜTFİYE CANAN P., CAMCIOĞLU Ş., POLAT K., HAPOĞLU H., MUSTAFA A.
Istanbul International Solid Waste, Water and Wastewater Congress, İstanbul, Türkiye, 22 Mayıs 2013 - 24 Eylül 2011
- XXXII. Modelling of Baker s Yeast Production**
Boyacıoğlu H., ERTUNÇ S., HAPOĞLU H., Alpbaz M.
1st International Symposium on Secondary Metabolites (ISSMET 2011), Denizli, Türkiye, 12 - 15 Eylül 2011, ss.158
- XXXIII. A Novel Approach for Prediction of Dissolved Oxygen Concentration and pH Values in a Yeast Fermentation**
AKAY B., ERTUNÇ S., ÖZYURT B., HİTİT Z., HAPOĞLU H., Alpbaz M.
2nd European Conference on Process Analytics and Control Technology (EuroPact2011), Glasgow, Birleşik Krallık, 26 - 29 Nisan 2011, ss.132

- XXXIV. **Application of Generalized Minimum Variance GMV Control to Fed batch Fermentation**
AKAY B., ERTUNÇ S., HİTİT Z., ÖZYURT B., HAPOĞLU H., Albaz M.
2nd European Conference on Process Analytics and Control Technology (EuroPact2011), Glasgow, Birleşik Krallık, 26 - 29 Nisan 2011, ss.134
- XXXV. **Application of nonlinear model predictive control based on different models to batch polymerization reactor**
Cetinkaya S., ANAKLI D., ZEYBEK Z., HAPOĞLU H., Albaz M.
5th International Conference on Integrated Modeling and Analysis in Applied Control and Automation, IMAACA 2011, Held at the International Mediterranean and Latin American Modeling Multiconference, I3M 2011, Rome, İtalya, 12 - 14 Eylül 2011, ss.148-155
- XXXVI. **Yarı-kesikli Ekmek Mayası Üretiminde Sistem Tanımlama**
YILMAZER HİTİT Z., ERTUNÇ S., HAPOĞLU H., Albaz M., AKAY B.
9. Ulusal Kimya Mühendisliği Kongresi (UKMK9), Ankara, Türkiye, 22 - 25 Haziran 2010, ss.163-164
- XXXVII. **A Comparative Study of Substrate Concentration Control of S cerevisiae in Fed batch Cultivation**
HİTİT Z., ERTUNÇ S., HAPOĞLU H., Albaz M., Boyacıoğlu H., AKAY B.
6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries (EMCC-6), Antalya, Türkiye, 7 - 10 Mart 2010, ss.222
- XXXVIII. **Generalized Minimum Variance (GMV) Control in Waterborne Wastewater Treatment**
CAMCIOĞLU Ş., ZEYBEK Z., HAPOĞLU H., Albaz M., Akpınar A.
13th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, Prague, Çek Cumhuriyeti, 28 Ağustos - 01 Eylül 2010, cilt.21, ss.823-828
- XXXIX. **Effects of Initial pH and Substrate Type on Biohydrogen Production Yield**
AKAY B., ERTUNÇ S., Fırat G., HAPOĞLU H., Albaz M.
International Symposium on Biotechnology: Developments and Trends (BIOTECH METU 2009), Ankara, Türkiye, 27 - 30 Eylül 2009, ss.58
- XL. **Application of Adaptive Control to Substrate Profile Trajectories In Fed Batch Yeast Fermentation**
AKAY B., ERTUNÇ S., HİTİT Z., HAPOĞLU H., Albaz M.
International Symposium on Biotechnology: Developments and Trends (BIOTECH METU 2009), Ankara, Türkiye, 27 - 30 Eylül 2009, ss.137
- XLI. **Sürekli Karıştırmalı Reaktörde Sayısal Filtre Uygulaması**
Kılıç F., ERTUNÇ S., AKAY B., HAPOĞLU H., Albaz M.
8. Ulusal Kimya Mühendisliği Kongresi (UKMK8), Malatya, Türkiye, 26 - 29 Ağustos 2008, ss.1-6
- XLII. **Biyoreaktörde Sıcaklık Kontrolü İçin Sayısal Filtre Tasarımı**
Ahioglu S., ERTUNÇ S., AKAY B., HAPOĞLU H., Albaz M.
Sekizinci Ulusal Kimya Mühendisliği Kongresi (UKMK8), Malatya, Türkiye, 26 - 29 Ağustos 2008, ss.1-6
- XLIII. **Beyaz Şarap Üretiminde Optimizasyon ve Kontrol Uygulamaları**
Bozoğlu D., ERTUNÇ S., AKAY B., HAPOĞLU H., Albaz M.
Onbeşinci Ulusal Biyoteknoloji Kongresi, Antalya, Türkiye, 28 - 31 Ekim 2007, ss.281-283
- XLIV. **Definition of Bioreaction Rate with Artificial Neural Network**
Mete T., Boyacıoğlu H., ERTUNÇ S., AKAY B., ÖZKAN G., HAPOĞLU H., Albaz M.
Somer Symposium Series, Past Present Future Chemical Engineering, SOMER-B-11, Ankara, Türkiye, 14 - 15 Mayıs 2007, ss.136
- XLV. **Aktif İnvertaz Enzimi için Maya Üretilen Biyoreaktörde pH Kontrolü**
ERTUNÇ S., AKAY B., Çelik İ., HAPOĞLU H., Albaz M.
7. Ulusal Kimya Mühendisliği Kongresi (UKMK7), Eskişehir, Türkiye, 5 - 08 Kasım 2006, ss.386-387
- XLVI. **A New Computer Algorithm Approach to Identification of Continuous Time Batch Bioreactor Model Parameters Lecture Notes in Computer Science**
ERTUNÇ S., AKAY B., HAPOĞLU H., Albaz M.
5th International Conference on Computational Science (ICCS2005), Atlanta, Amerika Birleşik Devletleri, 22 - 25 Mayıs 2005, cilt.3514, ss.147-154
- XLVII. **A new computer algorithm approach to identification of continuous-time batch bioreactor model**

parameters

ERTUNÇ S., AKAY B., HAPOĞLU H., Albaz M.

5th International Conference on Computational Science - ICCS 2005, Atlanta, GA, Amerika Birleşik Devletleri, 22 - 25 Mayıs 2005, cilt.3514, ss.147-154

XLVIII. İstatistiksel Deneysel Tasarım Metodlarının Kimya Mühendisliğinde Uygulamaları

Bursalı N., ERTUNÇ S., AKAY B., Albaz M., HAPOĞLU H.

6. Ulusal Kimya Mühendisliği Kongresi (UKMK6), İzmir, Türkiye, 7 - 10 Kasım 2004, ss.8

XLIX. Sürekli-zaman Genelleştirilmiş Öngörmeli Kontrol İçin Model Parametrelerinin Kestirimi

ERTUNÇ S., AKAY B., HAPOĞLU H., Albaz M.

6. Ulusal Kimya Mühendisliği Kongresi (UKMK6), İzmir, Türkiye, 7 - 10 Kasım 2004, ss.5

L. Ekmek Mayası Üretilen Kesikli Bir Biyoreaktörde Kütle Aktarım Katsayısının Belirlenmesi

Boyacıoğlu H., AKAY B., ERTUNÇ S., HAPOĞLU H., Albaz M.

6. Ulusal Kimya Mühendisliği Kongresi (UKMK6), İzmir, Türkiye, 7 - 10 Kasım 2004, ss.6

LI. Parametric and Nonparametric Model Identification Based on Dissolved Oxygen Concentration Control of *S. cerevisiae* Production

AKAY B., ERTUNÇ S., Boyacıoğlu H., HAPOĞLU H., Albaz M.

3rd Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean (EMCC-3), Selanik, Yunanistan, 13 - 15 Mayıs 2003

LII. Havalı Koşullarda İşletilen bir Biyoreaktörde Oksijen Tüketiminin Sıcaklık Kontrolüne Etkisi

ERTUNÇ S., AKAY B., HAPOĞLU H., Albaz M.

13. Ulusal Isı Bilimi ve Tekniği Kongresi, Konya, Türkiye, 5 - 07 Eylül 2001, ss.274-278

LIIL. Adaptive General Predictive Controller for a Nonlinear Bioreactor

AKAY B., ERTUNÇ S., Bursalı N., HAPOĞLU H., Albaz M.

European Symposium on Computer Aided Process Engineering-11 (ESCAPE-11), Kolding, Danimarka, 27 - 30 Mayıs 2001, ss.603-608

LIV. Application of Generalized Predictive Control to Baker's Yeast Production

AKAY B., ERTUNÇ S., Bursalı N., HAPOĞLU H., Albaz M.

Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean, Ankara, Türkiye, 20 - 24 Mayıs 2001, ss.368-369

LV. Kesikli Biyoreaktörün Tanımlanmasında En Uygun Model Derecesi Seçimi

AKAY B., ERTUNÇ S., Bursalı N., HAPOĞLU H., Albaz M.

TOK'2000 Otomatik Kontrol Ulusal Toplantısı, Ankara, Türkiye, 21 - 22 Eylül 2000, ss.187

LVI. *S. cerevisiae* Çoğaltılan Biyoreaktörün Doğrusal Parametrik Modellenmesi ve Model Geçerlilik Testlerinin Uygulanması

AKAY B., ERTUNÇ S., HAPOĞLU H., Albaz M.

4. Ulusal Kimya Mühendisliği Kongresi (UKMK4), İstanbul, Türkiye, 4 - 07 Eylül 2000, ss.9

LVII. *S. cerevisiae* Çoğaltılan Biyoreaktörün Doğrusal Olmayan Parametrik Modellenmesi ve Model Geçerlilik Testlerinin Uygulanması

AKAY B., ERTUNÇ S., HAPOĞLU H., Albaz M.

4. Ulusal Kimya Mühendisliği Kongresi (UKMK4), İstanbul, Türkiye, 4 Temmuz - 07 Eylül 2000, ss.8

LVIII. Adaptive Control of *S. cerevisiae* Production

Kahvecioğlu A., ERTUNÇ S., AKAY B., HAPOĞLU H., Albaz M.

RESEARCH 2000 Stretching the Boundaries of Chemical Engineering, Bath, Birleşik Krallık, 6 - 07 Ocak 2000, ss.32

LIX. With decoupling generalized minimum variance control of a packed distillation column

Hapoglu H., Karacan S., Cabbar Y., Albaz M.

Symposium on 1997 Jubilee Research Event, Nottingham, İngiltere, 8 - 09 Nisan 1997, ss.797-800

LX. Application of generalized predictive control to an open-loop unstable continuous stirred tank reactor

Hapoglu H., Balas L.

Symposium on 1997 Jubilee Research Event, Nottingham, İngiltere, 8 - 09 Nisan 1997, ss.717-720

LXI. Nonlinear self-tuning control of a batch polymerization reactor

Ozkan G., Karagoz A., Alpbaz M., Hapoglu H.

Symposium on 1997 Jubilee Research Event, Nottingham, İngiltere, 8 - 09 Nisan 1997, ss.777-780

LXII. Fully implicit finite difference model of two dimensional solute transport in groundwater

Hapoglu H., Balas L., Balas C.

1996 IChemE Research Event - 2nd European Conference for Young Researchers in Chemical Engineering, Leeds, İngiltere, 2 - 03 Nisan 1996, ss.615-617

LXIII. Systematic construction of dynamic models for packed distillation columns

Alpbaz M., Cabbar Y., Hapoglu H., Karacan S., Bilgesu A., Abilov A.

1996 IChemE Research Event - 2nd European Conference for Young Researchers in Chemical Engineering, Leeds, İngiltere, 2 - 03 Nisan 1996, ss.340-342

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