

CURRICULUM VITAE

1. **Name** : Hüseyin Oğuz
2. **Date of birth** : August 10, 1957
3. **Title** : Prof. Dr. rer.nat.
4. **Education** :



Degree	Field	University	Year
Bachelor	Chemical Engineering	Ankara University	1979
Master	Chemical Engineering	Ankara University	1983
Doctorate	Technical Chemistry	C.v.O. Universität Oldenburg	1986

5. Academic Titles

Title	Department	University	Year/Period
Assistant Professor	Chemical Engineering	Ankara University	1987-1988
Associate Professor	Chemical Engineering	Ankara University	1988-1996
Professor	Chemical Engineering	Ankara University	1996 -2007
Professor	Computer Information Sytems	European University of Lefke	Sept. 2007+

6. Graduate Theses Supervised

6.1 M.Sc. Thesis Supervised (in Turkish)

Jubran, S. “Study of gas-liquid mass transfer in polymer solutions with different molecular weights”, Ankara (1989).

Zeybek, Z. “Gas-liquid mass transfer in the concentrated polymer solutions”, Ankara (1993).

Öztürk A., “Decomposition of Phosphogypsum with oil shale in a fluidized bed reactor”, Ankara (1995).

Tekkök (Çokgör), A.Ü. “Removal of SO₂ in a trickle bed reactor packed with the Activated Carbon”, Ankara (1997).

Şahin, M. “Application of the Hazard and Operability (HAZOP) Analysis technique in the chemical process industry”, Ankara (1998).

Görkem, B. “Development of an active sorbent for the flue gas desulphurisation”, Ankara (1999).

6.2 PhD Thesis Supervised (in Turkish)

Suyadal, Y. "Investigation of the removal of SO₂ in the industrial flue gases by using local sorbents containing calcium and the evaluation of that in terms of the process engineering", Ankara (1997).

Kartal, Ö.E. "Photocatalytic oxidation of the refractory organic compounds in the three-phase stirred suspensions", Ankara (2000).

Karagöz A.Ö. "Investigation of the production possibilities of the cement clinker from the phosphogypsum and oil shale in a fluidized bed reactor", Ankara (2002).

7. Publications

7.1 Articles published in SCI/SSCI/SCI Expanded/SSCI Expanded Journals

Oğuz H., A. Brehm and W.-D. Deckwer, 1987. Gas/liquid mass transfer in sparged agitated slurries, Chem. Engng Sci., 42, 7, 1815-1822. (cited 28 times)

Oğuz H., und A. Brehm, 1987. Dynamische Meßmethoden zur Ermittlung von volumenbezogenen Gas/Flüssigkeits-Stoffübergangskoeffizienten im Vergleich, Chem.-Ing.-Tech., 59, 12, 947-950. (cited 1 time)

Günzel B., H. Oğuz und A. Brehm, 1988. Gezielte Verbesserung des Gas/Flüssigkeits-Stoffübergangskoeffizienten durch Zugabe inerter Feststoffe, Chem.-Ing.-Tech., 60, 3, 201-203. (cited 1 time)

Oğuz H., A. Brehm, 1988. Mass transfer coefficients in organic slurries with mechanical agitation and sparging, Chem. Engng Sci., 43, 6, 1416-1418.(cited 4 times)

Oğuz, H., R. Schmitt, W. Weisweiler, 1991. Modellbetrachtungen zur Sorption von SO₂ an CaO unter Verwendung eines CO₂, NO_x und H₂O enthaltenden Rauchgases, Chem.-Ing.-Tech., 63, 4, 373-376. (cited 1 time)

Zeybek, Z., H. Oğuz and R. Berber, 1995. Gas/Liquid Mass Transfer in Concentrated Polymer Solutions, Chem. Eng. Res. Des., 73, (A6), 622-626. (cited 4 times)

Suyadal, Y., A. Öztürk, H. Oğuz and R. Berber, 1997. Thermochemical Decomposition of Phosphogypsum with Oil Shale in a Fluidized Bed Reactor: A Kinetic Study, Ind.Eng.Chem.Res., 36, (7), 2849-2854. (cited 4 times)

Suyadal, Y. and H. Oğuz, 1999. Dry Desulphurization of Simulated Flue Gas in a Fluidized Bed Reactor for a Broad Range of SO₂ Concentration and Temperature: A Comparison of Models, *Ind.Eng.Chem.Res.* 38, 8, 2932-2939. (cited 8 times)

Şeşenoğlu, İ., Kartal, Ö.E., Oğuz, H., Erol, M. and Çalimli, A., 1999. Degradation of Trifluralin by Using TiO₂ photocatalyst, *Reviews in Chem. Eng.* 15, 4, 223-231.(cited 2 times)

Yılmaz, E., Öztürk, A., Suyadal Y., Oğuz, H. and Çalimli, A., 1999. Thermochemical Decomposition of Desulphogypsum with Oil Shale in a Fluidized-Bed Reactor: A Kinetic Study, *Reviews in Chem. Eng.* 15, 4, 245-264.

Suyadal, Y. Erol, M. and Oğuz, H., 2000. Deactivation Model for Adsorption of Trichloroethylene Vapor on an Activated Carbon Bed. *Ind.Eng.Chem.Res.* 39 (3), 724-730. (cited 20 times)

Özkan, Ö., Çalimli, A., Berber, R. and H. Oğuz, 2000. Effect of inert solid particles at low concentrations on gas-liquid mass transfer in mechanically agitated reactors. *Chem. Engineering Science*, 55 (14), 2737-2740. (cited 15 times)

Oğuz, H., Koch, S. and Weisweiler, W., 2000. Comparison of Mechanistic Models for the Catalytic Oxidation of Trichloroethylene over Cr/Al₂O₃ and Al-Cr/Porousglass Catalysts. *Chemical Engineering & Technology (CET)* 23, 5, 395-400. (cited 1 time)

Suyadal, Y. and Oğuz, H., 2000. Oxidation of SO₂ in a Trickle Bed Reactor Packed with Activated Carbon at Low Liquid Flow Rates . *Chemical Engineering & Technology (CET)* 23, 7, 619-622. (cited 1 time)

Öztürk, A., Suyadal, Y. and Oğuz, H., 2000. The Formation of Belite Phase by Using Phosphogypsum and Oil Shale. *Cement and Concrete Research* . 30, 6, 967-971. (cited 6 times)

Kartal, Ö.E., Erol, M., Oğuz, H., 2001. Photocatalytic destruction of phenol by TiO₂ powders, *Chemical Engineering & Technology (CET)* 24, 6, 645-649. (cited 30 times)

Frank, E., Oğuz, H., Weisweiler, W., 2003. Modelling of kinetic expressions for the reduction of NO_x by hydrogen in oxygen rich exhausts using a gradient-free loop reactor, *Chemical Engineering & Technology (CET)* 26, 6, 679-683. (cited 1 time)

Öztürk, A.K., and Oğuz, H., 2004. The Formation of Alite Phase by Using Phosphogypsum and Oil Shale. *Cement and Concrete Research* 34, 11, 2079-2082. <http://dx.doi.org/10.1016/j.cemconres.2004.03.013> (cited 1 time)

Suyadal, Y. Erol, M. and Oğuz, H., 2005. Deactivation Model for Dry Desulfurization of Simulated Flue Gas with calcined Limestone in a Fluidized Bed Reactor. *Fuel* 84, 12-13, 1705-1712. <http://dx.doi.org/10.1016/j.fuel.2005.03.003> (cited 4 times)

Görkem, B., and Oğuz, H., 2006. Development of an active sorbent from fly ash for dry desulphurization of simulated flue gas in a fluidized-bed reactor. Chem. Eng. J. , 119, 2-3, 147-152. <http://dx.doi.org/10.1016/j.cej.2006.03.018> (cited 1 time)

7.2 Articles published in peer reviewed international journals

Oğuz, H., S. Öztürk and E. Alper, Measurement of effective interfacial area in a packed column absorber by sulphite oxidation method: Influence of liquid viscosity, Communication de la Faculté des Sciences de L'Université d'Ankara, 29, 135, 1983.

Ledakowicz S., A. Brehm and H. Oğuz, 1985. Effect of suspended inert solid particles on gas-liquid mass transfer in mechanically agitated contactors, Hungarian Journal of Industrial Chemistry, 13, 487-501. (cited 4 times)

Suyadal, Y. and H. Oğuz, 1997. Dry Desulphurization of Simulated Flue Gas with Calcium-Containing Sorbents, Environmental Research Forum, 7-8, 231-237.

7.3 Papers delivered in international conferences and printed as proceedings

Brehm, A. and H. Oğuz, B. Kısakürek, Gas/liquid mass transfer data in a three phase stirred vessel, Proc. 5th Eur. Conf. Mixing, 10-12 June 1985, Würzburg, Germany, BHRA 419-425. (cited 3 times)

Brehm, A., H. Oğuz, W.-D. Deckwer, Einfluß suspendierter inerter Partikel auf den Gas/Flüssig-Stoffübergang nicht wässriger Systeme, DECHEMA-Jahrestagung, 5-6 Juni 1986, Frankfurt am Main/Germany.

Oğuz, H., A. Brehm, The influence of suspended inert particles on gas-liquid mass transfer in a stirred reactor with organic liquids, Actes Eur. Conf. Mixing, 11-12 Juin 1986, Toulouse, France, Actes 4-20.

Brehm, A. and H. Oğuz, Measurement of gas/liquid mass transfer: Peculiar effects in aqueous and organic slurries, Proc. 6th Eur. Conf. Mixing, 24-26 May 1988, Pavia, Italy, BHRA 413-420. (cited 2 times)

Oğuz, H., S. Jubran, A. Brehm, Study of gas/liquid mass transfer in polymer solutions with different molecular weights, Proc. 7th Eur. Conf. Mixing, 18-20 September 1991, Brugge, Belgium, pp 303-309.

Oğuz, H., Wiederverwendung von Phosphorgips und REA-Gips, Türkisch-Deutsche Kulturreferat Publ. Nr. 3 (ed. İ. Kiziroğlu), 2te Internat. Semp., für Ökologie und Umweltfragen, Ankara, 1993, s. 227-234.

Mehmetoğlu, Ü., S. Ateş, R. Berber and H. Oğuz, Determination of the effective diffusion coefficient of oxygen in calcium alginate gel using the moment analysis method, AIChE Annual Meeting, 7-12 November 1993, St. Louis, Missouri, USA. Extended Abstracts, p. 103, Paper no. 47c.

Alpbaz, M., N. Bursalı, H. Oğuz, Ü. Mehmetoğlu, A.G. Abilov, Y. Cabbar, On-line optimization and adaptive control of batch bioreactors, 7th European Congress on Biotechnology, Abstract Book, Volume 3, p.78 Poster MEP-181, 19-23 February 1995.

Zeybek, Z., H. Oğuz, R. Berber, Gas/liquid mass transfer in concentrated polymer solutions, Proc. 2nd International Conference on Gas-Liquid-Solid Reactor Engineering A17-A22, Bocardo Press Ltd, Didcot, Oxon, UK, 1995.

Karaduman, A., H. Oğuz and R. Berber, Nonlinear Model Predictive Temperature Control of a Batch Polymerization Reactor, ICHEME-Advances in Process Kontrol 4, p.203-210, ISBN 0 85295 370 4, Rugby, 1995,

Alpbaz, M., N. Bursalı, H. Alımcı, Ü. Mehmetoğlu and H. Oğuz, The Dynamics and the Model Based Control of a Batch Bioreactor Containing Yeast Culture, Proc. Second European Conference for Young Researchers in Chemical Engineering, 2-3 April 1996, Leeds/Bradford, UK.

Suyadal, Y. and H. Oğuz, Dry Desulphurization of Simulated Flue Gas with Calcium-Containing Sorbents, 10th Regional IUAPPA Conference on Air Quality Management, 23-26 September 1997, Gümüşsuyu, İstanbul, Turkey.

Öztürk, A., Oğuz, H. and Berber, R., 1997. Phosphogypsum and Oil Shale as Raw Materials for Cement Clinker: Mineraliser Effect of Impurities, Proc. 1. Internat. Symposium on Mineral Admixtures in Cement, 6-9 November, 1997, İstanbul, Turkey, p.157-167.

Oğuz, H., Koch, S. and Weisweiler, W., 1998. Kinetics and Mechanism of Catalytic Oxidation of Trichloroethylene over Cr/Al₂O₃ and Al-Cr/Porousglas catalysts. Proc. 2nd International Symposium on Catalysis in Multiphase Reactors, 16-18 March 1998, Toulouse, France, pp.73-81.

Sesenoglu, I., Kartal, Ö.E., Oğuz, H., Erol, M. and Calimli, A. Degradation of trifluralin by using TiO₂ photocatalyst. Conference Abstracts, The 35th Annual Conference and the Tri-National American-Turkish-Israeli Conference, 9-11 March 1999, Technion, Haifa, Israel, p.78-79.

Kartal, Ö.E., Erol, M. and Oğuz, H. Photocatalytic Oxidation of 2,4,6-Trichlorophenol by using TiO₂ Powders, MBCAC III Mediterranean Basin Conference on Analytical Chemistry, 4-9 June, 2000 Antalya-Turkey, Book of Abstracts, O-18, 62.

Kartal, Ö.E., Erol, M. and Oğuz, H., 2002. Photocatalytic destruction of 2,4,6-trichlorophenol, in: Appropriate Environmental and Solid Waste Management Technologies

for Developing Countries (ed. by Günay Kocasoy, Tamer Atabarut, İrem Nuhoğlu), volume 3, p. 1593-1600, İstanbul, ISBN 975-518-179-2(TK).

Karagöz, A. and Oğuz, H., 2002. Utilization of Phosphogypsum and Oil Shale as Raw Materials for Cement Clinker Production, in: Appropriate Environmental and Solid Waste Management Technologies for Developing Countries (ed. by Günay Kocasoy, Tamer Atabarut, İrem Nuhoğlu), volume 1, p. 381-388, İstanbul, ISBN 975-518-179-2(TK).

Kartal, Ö.E., Erol, M., Oğuz, H., Comparison of the Degradation of the Herbicide Trifluralin by Photolysis and Photocatalysis, Annual Meeting of the Water Chemical Society, 17-19 May 2004, Bad Saarow, Germany (Poster Presentation).

Öztürk A.K and Oğuz, H., Low-energy cement clinker from the phosphogypsum and oil shale in a fluidized bed reactor, ICS-UNIDO International Conference on Renewable Resources and Renewable Energy: A Global Challenge, Book of Abstracts, P14, AREA Science Park Congress Centre, 10-12 June 2004, Trieste, Italy.
(Full text article: <http://www.ics.trieste.it/Documents/Downloads/df1671.pdf>).

Öztürk, A.K., and Oğuz, H., 2005. The use of waste slag of a zinc recovery plant from brass and galvanizing tailings as aggregate in concrete, in: Chemical Engineering Transactions(edited by Jiri Klemes), Vol. 7, 351-356, AIDIC Servizi S.r.l., 2005.
<http://www.aidic.it/pres05/webpapers/95%20Oguz.doc>

Oğuz, H. Degradation of Trifluralin by Photolysis: A Comparison with TiO₂ Photocatalysis, EU COST 636 Action Meeting, 25-28 September 2006, Vienna/Austria (Oral Presentation).

Kartal, Ö.E., Erol, M., Oğuz, H. Degradation of Xenobiotics by AOPs, Mediterranean Workshop on New Technologies of Recycling of Non Conventional Water in Protected Cultivation, 28 Apr-01 May 2008, Agadir/Morocco (Oral Presentation/CD).

7.4 Books and chapters in books published internationally

Oğuz H., A. Brehm and W.-D. Deckwer, 1987. Gas/liquid mass transfer in stirred slurry reactors” in: Recent Trends in Chemical Reaction Engineering (ed. by R.D.Kulkarni, R.A. Mashelkar, M.M. Sharma), vol. 2, pp 487-501, Wiley Eastern Ltd., New Delhi, 1987. (2 times cited)

Oğuz H., R. Schmitt, W. Weisweiler, 1990. Simultane trockene SO₂-Sorption und katalytische NO_x-Reduktion” in: Wiss. Abschlußber. 25.Internat. Seminar, Universität Karlsruhe, s. 75-91, Juli 1990.

Weisweiler, W., H. Oğuz, R. Schmitt, 1994. Modellbetrachtungen zur Sorption von SO₂ an CaO unter Verwendung eines CO₂, NO_x und H₂O enthaltenden Rauchgases, in: Thermoprozeß- und Abfalltechnik, 3. Ausgabe, s. 321-324, Vulkan Verlag, Essen, Juni 1994.

7.5 Articles published in peer reviewed national journals

Oğuz, H., Baca Gazlarının Desülfürizasyonu ve Denitrifikasyonu, Chemist, Mart-Nisan'95, Sayı: 9, 34-40.

Öztürk, A., Y. Suyadal, H.Oğuz, R.Berber, Fosfojipsin akışkan yatak reaktörde bitümlü şistle dekompozisyonu ve çimento klinkeri üretimi olanaklarının araştırılması, Çimento ve Beton Dünyası, 1, (6), 30-37, 1997.

Oğuz, H., Entegre Endüstriyel Kirliliği Önleme ve Kontrol Çalışmaları, EUL Journal of Social Sciences, 1, (1), 64-71, 2010.

7.6 Papers delivered at national conferences and printed as proceedings

Oğuz, H., A. Brehm, Karıştırmalı Süspansiyon Reaktörlerde Gaz-Sıvı Kütle Aktarımı Kimya ve Kimya Müh. Semp. Tebliğ ve Poster Özetleri, s. 482-483, Fırat Üniv., Elazığ, 10-12 Haziran 1987.

Oğuz, H., Biyolojik Sistemlerde Gaz-Sıvı Kütle Aktarım Katsayısının Ölçümü Ulusal Biyoteknoloji Sempozyumu Bildiri Özetleri, 5-7 Eylül 1988, Ankara.

Oğuz, H., R. Schmitt, W. Weisweiler, Baca gazlarının desülfürizasyonu ve denitrifikasyonu, Yanma ve Hava Kirliliği Kontrolü 1. Ulusal Sempozyumu Tebliğ Kitabı (ed.G.Doğu, B.Z.Uysal, M. Çulfaz), s. 352-368, Gazi Üniv. Müh. Mim. Fak., Ankara, 1991.

Zeybek Z. ve H. Oğuz, Derişik polimer çözeltilerinde gaz-sıvı kütle aktarımı, Kimya ve Kimya Mühendisliği Sempozyumu, 7-11 September 1992, Marmara Univ. Publication No: 518, vol. IV, p. 385-388, İstanbul.

Erol M. ve H. Oğuz, Sızıntılı akış reaktörlerinde katı-sıvı kütle aktarımının incelenmesi, Kimya ve Kimya Mühendisliği Sempozyumu, 7-11 September 1992, Marmara Univ., Publication No: 518, vol. IV, p. 413-416, İstanbul.

Zeybek, Z., H. Oğuz, Polimer molekül ağırlığının gaz/sıvı kütle aktarım katsayısına etkisi Kimya-93 IX. Kimya ve Kimya Mühendisliği Sempozyumu Bildiri Özetleri Kitabı (ed. Aykut İkizler), KTÜ Basımevi, s. 422, Trabzon, 1993.

Bursalı, N., H. Oğuz, Ü. Mehmetoğlu ve M. Alpbaz, Cerevisiae mayasının kesikli bioreaktörde üretiminin dinamik analizi, Kimya-93 IX. Kimya ve Kimya Mühendisliği Sempozyumu Bildiri Özetleri Kitabı (ed. Aykut İkizler), KTÜ Basımevi, s. 430, Trabzon, 1993.

Suyadal, Y., H. Oğuz, WSONOX tekniği ile baca gazı desülfürizasyonu, Yanma ve Hava Kirliliği Kontrolü II. Ulusal Sempozyumu Bildiriler Kitabı, s. Anadolu Üniv., Gazi Üniv., Eskişehir, 1994.

Suyadal, Y., H. Oğuz, WSONOX tekniği ile düşük sıcaklık baca gazı desülfürizasyonu, Yanma ve Hava Kirliliği Kontrolü III. Ulusal Sempozyumu Bildiriler Kitabı (Editör: Aysel Atımtay), s. 41-50, 11-13 Eylül 1995, ODTÜ, Ankara.

Öztürk, A., H. Oğuz, R. Berber, Bitümlü Şistin Çimento Endüstrisinde Değerlendirilmesi, Çimento Sempozyumu Tebliğler Kitabı, s.179-194, 16-17 Kasım 1995, Ankara.

<http://www.e-kutuphane.imo.org.tr/pdf/12326.pdf>

Tekkök, Ü., Y.Suyadal, H. Oğuz, Aktif Karbon Dolgulu Sızıntılı Akış Reaktöründe (SAR) Kükürt Dioksit (SO₂)'in Giderilmesi UKMK-2 Bildiri Kitabı 1. Cilt (Editörler: S.Türkay, Ş.B.Tantekin-Ersolmaz, M.F.Yardımlı), s. 430-435, 9-13 Eylül 1996, İTÜ, İstanbul.

Özkan, H. Oğuz, R. Berber, A. Çalıklı, Mekanik Karıştırmalı Süspansiyon Reaktörlerde Gaz-Sıvı Kütle Aktarımı, UKMK-2 Bildiri Kitabı 1. Cilt (Editörler: S.Türkay, Ş.B.Tantekin-Ersolmaz, M.F.Yardımlı), s. 251-256, 9-13 Eylül 1996, İTÜ, İstanbul.

Suyadal, Y., A. Öztürk, R. Berber, H. Oğuz, Fosfojipsin akışkan yatak reaktörde bitümlü şistle birlikte ısıl bozunma kinetiği, UKMK-2 Bildiri Kitabı 1. Cilt (Editörler: S.Türkay, Ş.B.Tantekin-Ersolmaz, M.F.Yardımlı), s. 18-23, 9-13 Eylül 1996, İTÜ, İstanbul.

Yılmaz, E., Y. Suyadal, H. Oğuz, A.Çalıklı, Çayırhan Termik Santrali Desülfürizasyon Jipsinin Termokimyasal Bozunması Yanma ve Hava Kirliliği Kontrolü IV. Ulusal Sempozyumu Bildiriler Kitabı, (Editör: Prof.Dr. Tefik Bardakçı) , Akdeniz Üniv. Fen Bilimleri Enstitüsü, ISBN 975-7666-48-3, s. 185-195, 20-22 Mayıs 1997, Antalya.

Aydın, M., M.Erol, H.Oğuz, Atık Sulardaki Fenolün bir Sızıntılı Akış Tepkime Kabında Giderilmesi, Kimya-97 Kongre Özetleri Kitabı, s.342, XI. Kimya Kongresi, Yüzüncü Yıl Üniv., 16-19 Haziran 1997, Van.

Özkan, Ö., H.Oğuz, R. Berber, A.Çalıklı, Mekanik Karıştırmalı Süspansiyon Reaktörlerde Gaz-Sıvı Kütle Aktarımına İner Parçacıkların Etkisi, Kimya-97 Kongre Özetleri Kitabı, s.343, XI. Kimya Kongresi, Yüzüncü Yıl Üniv., 16-19 Haziran 1997, Van.

Serin, B., M.Erol, Y.Suyadal, H.Oğuz, Trikloretilenin Aktif Karbon Dolgulu Yatakta Giderilmesi, 12. Ulusal Kimya Kongresi Bildiri Özetleri Kitabı (Editör: M.Kaçan), S-0910, Trakya Üniversitesi, 7-11 Eylül 1998, Edirne.

Görkem, B., Suyadal, Y., H.Oğuz, Bacagazı Desülfürizasyonu için Aktif Sorbent Geliştirilmesi, Hava Kirlenmesi ve Kontrolü Ulusal Sempozyumu, Dokuz Eylül Üniversitesi, İzmir, 27-29 Eylül 1999, s. 115-122.

Kartal, Ö.E., M. Erol, H. Oğuz, Endüstriyel atıksularda bulunan 2,4,6-triklorfenolün

fotokatalitik oksidasyon yöntemi ile giderimi, IV. Ulusal Kimya Mühendisliği Kongresi , 4-7 Eylül 2000, İstanbul Üniversitesi, Avcılar, İstanbul.

Suyadal, Y., M. Erol, H. Oğuz, Trikloretilenin aktif karbon yüzeyinden desorpsiyonu, IV. Ulusal Kimya Mühendisliği Kongresi , 4-7 Eylül 2000, İstanbul Üniversitesi, Avcılar, İstanbul.

7.7 Books and chapters in books published nationally

Berber, R., Oğuz, H., Erol, M. "Isı Aktarımı" (V+238 sayfa), Ankara Üniversitesi Kimya Mühendisliği Bölümü, Ankara, 1992.

Çalımlı, A., Oğuz, H., Demirel, B., Şimşek, E. H., "Kimya Mühendisliği Matematiği", (II+135 sayfa), Ankara Üniversitesi Kimya Mühendisliği Bölümü, Ankara, 1992.

Çalımlı, A., Oğuz, H., Demirel, B., Şimşek, E. H., Coşkun, S., "Kimya Mühendisliği Matematiği" (II+135 pages), Ankara Üniversitesi Fen Fakültesi Yayınları, Yayın No: 37, Ankara, 1996 (2.baskı).

Oğuz H, "Termal Analiz, in: "Enstrümantal Analiz" (Editör: Yard. Doç. Dr. Emine Yağmur), Ankara Üniversitesi Kimya Mühendisliği Bölümü, Ankara, 2011 (forthcoming book).

7.8 Other publications (Periodical or non-periodical)

Öztürk, S. S., Oğuz, H., "Reaktör Tasarımına Giriş:Heterojen Sistemler" (V+320 sayfa J.M. Smith'e dayalı ders notu), Ankara Üniversitesi Kimya Mühendisliği Bölümü, Ankara, 1984.

Oğuz, H., "Çevre Kirliliği, İlgili Mevzuat ve Kirlilikten Kaçınma Yaklaşımları", Sorumlu Müdürlük Sertifika Eğitim Programı Notları, TMMOB Kimya Mühendisleri Odası Ankara Şubesi, 2000-2001.

8. Projects directed and participated

A. National

Study of gas-liquid mass transfer in polymer solutions with different molecular weights. Ankara University Research Fund (ARFO) Project, 88-25-00-17 (1989).

Investigation of the removal of SO₂ in the industrial flue gases by using local sorbents containing calcium and the evaluation of that in terms of the process engineering. Ankara University Research Fund (ARFO) Project, 91-25-00-53 (1995).

Decomposition of Phosphogypsum with oil shale in a fluidized bed reactor and the investigation of the possibilities of the production of cement clinker TÜBİTAK/MİSAG

Project, KTÇAG-116 (1993- 1997) (The project was additionally supported by the Turkish Cement Manufacturers' Association (TÇMB).

Development of a clean process for the production of the cement clinker in a fluidized bed reactor. Turkish Cement Manufacturers' Association (TÇMB) Project, ÜNİPR-96/4 (1997-2000).

Investigation of the reuse possibilities of the industrial wastewaters with the removal of the organic compounds by photocatalytic oxidation. Ankara University Research Fund (ARFO) Project, 96-05-04-04 (1996).

Degradation of the Trifluraline by photochemical oxidation. TÜBİTAK/MİSAG Project, MİSAG-114 (1998-2000).

Decomposition of the phosphogypsum and oil shale in a fluidized bed reactor to produce cement clinker. Ankara University Research Fund (ARFO) Project, 98-05-04-12 (1999-2001).

B. International

STIFTUNG VOLKSWAGENWERK Partnership Project "Mass Transfer with Chemical Reaction in Gas/Liquid and Gas/Liquid Solid (Reactant or Catalyst) Systems", 1981-1984. (Researcher).

Partners: Prof. Dr. Erdoğan Alper (Ankara University, now in Hacettepe University)
Prof. Dr. Wolf-Dieter Deckwer (C. v. O. Universität Oldenburg)

DFG Project "Untersuchungen zur Beeinflussung der kinetisch limitierenden Teilschritte im Dreiphasensystem Gas/Flüssigkeit/Feststoff, sowie zu den Wechselwirkungen zwischen diesen Teilschritte (Researcher/Wissenschaftliche Mitarbeiter).

Project Director: Prof. Dr. Axel Brehm (C. v. O. Universität Oldenburg).

Trockene SO₂-Sorptions mit aktivierten Kalkprodukten für die türkische Verhältnisse. Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) Germany, Proj.-Nr. 9120 (1993)

Collaborator: Prof. Dr. Werner Weisweiler (Universität Karlsruhe, now Emeritus Prof.)

Xenobiotics in the Urban Water Cycle (EU COST 636 Action Project, 2005-2009 (Active participation in WG 2/Methods for Treatment from Ankara University)

Innovative processes and practices for wastewater treatment and re-use in the Mediterranean region (FP6 CA Project, INNOVA-MED, INCO-CT-2006-517728 (2007-2010)

Acted as "Ankara University Project Team Leader" during the proposal submission to EC for the Calls FP6-2003-INCO-MPC-2 (Mediterranean Partner Countries) and the contract signing phases in Dec.2006).

9. Administrative designations

Acting Head of Department (JRN)	Lefke Avrupa Üniversitesi	2008-2011
Director of the Inst.of Sci.&Humanities	Lefke Avrupa Üniversitesi	2010
Acting Dean of the Faculty of Comm.Sci.	Lefke Avrupa Üniversitesi	2008-2010
Rectorate Counsellor	Lefke Avrupa Üniversitesi	2007-2008
Director of Advanced Vocational School	Lefke Avrupa Üniversitesi	2007-2009
Acting Head of CIS Department	Lefke Avrupa Üniversitesi	2007-2009
Vice Chair of Chem.Eng. Dept	Ankara Üniversitesi	2001-2002
Acting Head of Chem.Eng.Department	Ankara Üniversitesi	1998
Vice Chair of Chem.Eng. Dept	Ankara Üniversitesi	1992-1997
Acting Head of Chem.Eng.Department	Ankara Üniversitesi	1992
Graduate Coordinator of Chem.Eng.Dept.	Ankara Üniversitesi	1990-1992

10. Membership in scholarly institutions

Chamber of Chemical Engineers/Ankara

DECHEMA/FRANKFURT(Germany)

DAAD Alumni Association/Ankara

TUNCAP (Turkish Committee of Air Pollution and Control) Member

ETP-ZEP/Task Force Technology (European Technology Platform for Zero Emission Fossil Fuel Power Plants) (Brussels, as of May 09, 2007).

11. Honours and Awards

Graduate Research Grants:

During the dissertation (PhD study) at the Department of Technical Chemistry in C.v.O. Universität Oldenburg;

STIFTUNG VOLKSWAGENWERK Partnership project “Mass Transfer with Chemical Reaction in Gas/Liquid and Gas/Liquid/Solid (Reactant or Catalyst) Systems” (Partners: Oldenburg Univ./Prof. Dr. Wolf Dieter Deckwer ve Ankara Univ./Prof. Dr. Erdoğan Alper)

DEUTSCHE FORSCHUNGSGEMEINSCHAFT (DFG) Forschungsvorhaben: “Untersuchungen Zum Gas/Flüssig-Stoffaustausch In Gerührten Suspensionen” (Leiter: Doz.-Dr. Axel Brehm) (1984-1986)

Postdoctoral Research Grants:

DAAD (Deutscher Akademischer Austausch Dienst) Postdoctoral Research Fellow, 25. International Seminar on Chemical Engineering and Physical Chemistry, Institute of Chemical Technology, Karlsruhe Universität (TH)/Germany (1989/1990 Academic Year)

DAAD Visiting Scientist (Gast-Dozent), Institute of Chemical Technology, Karlsruhe Universität (TH)/Germany (July-Sept 1994)

British Council Grant-in-Aid exploratory Visit to Britain, University of Bath and Cambridge (March 19-29, 1995)

DAAD Visiting Scientist (Gast-Dozent), Institute of Chemical Technology, Karlsruhe Universität (TH)/Germany (July-Sept 1996)

DAAD Visiting Scientist (Gast-Prof), Institute of Chemical Technology, Karlsruhe Universität (TH)/Germany (July-Sept 2002)

EU RTD Contribution Grants:

- 11-13 November 2002, Participation in FP6 Launch Event, Brussels as FP6 SUSTDEV Coordinator of Ankara University and proposal discussions based on EoI (NoE:ECOSDRI) and participated workshops (LUTR network).
- 8 January 2003, Expertise and profile presentation in CO2NET Brokerage Event, London/UK as FP 6 SUSTDEV Coordinator of Ankara University and FP6 1st Call (Energy-1) proposal discussions (NoE:CO2CAP; CA: PROSCO2).
- April 07-11, 2003, FP 6 1st Call (SUSTDEV) Evaluator, ORBAN 7, Brussels, Belgium.
- 14-15 October 2003, invited participation in FP5 TRANSPLUS Workshop, Bratislava as Expert and FP6 2nd Call (Global-2) proposal discussion (IP-MERITS).
- 01 June 2004, Collaboration agreement within Geo-environment Master Program in Université de Marne-la-Vallée to give a set of lectures on environmental pollution and control
http://www.univmlv.fr/enseignements/organisation/formations/fiche_ue_matiere.php?specialite=54&ue=3629
- 10-12 June 2004, invited participation in ICS-UNIDO International Conference on Renewable Energies and proposal discussion for the FP6-INCO-MPC-2 Call (STREP-RECAT-MED, STREP-RES-FOR-MED), Trieste, Italy.
<http://www.managenergy.net/products/R719.htm>
- 28 September 2004, Expertise and profile presentation in CO2NET Brokerage Event, GFZ Potsdam/Germany and FP6 3rd Call (Energy-3) proposal discussions (IP:CACHET; CA:CO2NET3) as FP6 SUSTDEV Coordinator of Ankara University
<http://www.co2net.com/>
- 29-30 September 2004, Discussion of the Proposal as Coordinator (SUSTDEV-MASPRO) for FP6-2004-ACC-SSA-2 Call, Collaborations possibilities on one hand with WUPPERTAL Institute for Climate, Environment, Energy, Wuppertal/Germany (www.wupperinst.org) on the other hand with Institute for Environment and Sustainability Research (<http://www.staffs.ac.uk/iesr>).
- January 31-February 04, 2005, FP6 3rd Call (SUSTDEV) Evaluator, ORBAN 7, Brussels, Belgium.

- 13-15 April 2005, invited participation in “1st European High Level Conference on CO2 Capture and Storage” as FP6 Institutional Contact Point of Ankara University, Charlemagne Building Brussels, Belgium.
http://europa.eu.int/comm/research/energy/gp/gp_events/co2_conf/article_2540_en.htm
- 27 April 2005, EoI submitted to DG-RTD-ENERGY-ZEROCO2 of EC for “Zero Emission Power Plant Technology Platform” as FP6 Institutional Contact Point of Ankara University.
<http://www.ankara.edu.tr/yazi.php?yad=3045>
- 15-18 May 2005, Invited participation as Session Chairman and oral presentation in PRES 05 Event, Giardini Naxos/Italy together with a discussion of Turkish SME participation in a proposal for the nearby FP6-2004-SME-COLL Call.
- 6-8 September 2005, Invited participation in Kick-off meeting for Cost Action 636 on “Xenobiotics in the Urban Water Cycle” and presentation in WG2:Methods for Treatment as COST 636 Coordinator of Ankara University, Kgs Lyngby/DTU, Copenhagen, Denmark,
<http://cost636xenobiotics.er.dtu.dk/>
- 21-22 November 2005, Invited participation as Poster Exhibitor on “Ankara University Alternative/Renewable Energy RTD Labs” in Renewable Energy for Europe-Research in action Conference, Charlemagne Building Brussels, Belgium.
http://europa.eu.int/comm/research/energy/gp/gp_events/action/article_2790_en.htm
http://europa.eu.int/comm/research/energy/pdf/poster_list_photos_en.pdf
- 01-02 December 2005, Invited participation in “Launch of Technology Platform on Zero Emission Fossil Fuel Power Plant (ZEP) and “SESEM-CFT Conference:Clean Pathways for Fossil Fuels-The Post Kyoto Engagement” as FP6 Institutional Contact Point of Ankara University, Hilton Brussels, Belgium.
http://ica.cordis.lu/search/index.cfm?fuseaction=news.simplifiedocument&N_RCN=24876
http://www.sesemcft.com/events/confbruselas/sesem_cft_conference_final_programme.pdf
- 02-04 June 2006, invited participation in FP6 “Integration for Water (I4W)” SSA Project Workshops Event (www.integration4water.org), Warsaw/Poland as Expert and FP7 Priority 6:Environment 1st Call Research Topics discussion within WSSTP SRA (www.wsstp.org).
- 12-13 September 2006, Invited participation in “General Assembly Meeting of ETP ZEP (European Technology Platform for Zero Emission Fossil Fuel Power Plants)” as FP6 Institutional Contact Point of Ankara University, Hotel Renaissance, Brussels, Belgium.
- 25-27 September 2006, Invited participation in Joint MC and Working Groups meeting for Cost Action 636 on “Xenobiotics in the Urban Water Cycle” and presentation in WG2:Methods for Treatment on Photolysis as compared to TiO₂ Photo/catalysis as COST 636 Coordinator of Ankara University, , Institute for Water Quality, Resources and Waste Management, Vienna University of Technology, Vienna, Austria
<http://cost636xenobiotics.er.dtu.dk/>
- 28 April-01 May 2008, Contribution in ‘Mediterranean Workshop on New Technologies of Recycling of Non Conventional Water in Protected Cultivation’ and Participation in FP6 CA project INNOVA-MED Meeting, Agadir, Morocco
<http://www.idaea.csic.es/innova-med/participants.htm#ANKU>
- 06-17 December 2010/10-12 January 2011, FP7 Evaluator, Remote/Covent Garden, Brussels, Belgium.
- 16-27 May 2011/06-10 June 2011, FP7 Evaluator and Rapporteur, Remote/Covent Garden, Brussels, Belgium.

12. Courses Taught

Academic Year	Semester	Name of the Course	Contact Hours		No. of students	
			Lect.	Lab/ Tut.		
2008-2009 European University of Lefke)	Fall	ECON 305 Engineering Economics	3	0	100	
		COMP100 Introduction to Computer	2	2	78	
		CP100 Introduction to Computer&IS	1	2	11	
	Spring	MATH 302 Numerical Methods	3	0	75	
		ECON 424 Financial Analysis of Capital Projects	3	0	5	
		CIS 420 Graduation Project	0	6	14	
		CP 220 Project Work	0	6	2	
Summer	BUSN 403 Project Evaluation	3	0	12		
2009-2010 European University of Lefke)	Fall	ECON 305 Engineering Economics	3	0	54	
		CIS201 Business Applications with MATLAB	2	2	24	
		CIS419 Research Techniques	3	0	42	
	Spring	MATH 302 Numerical Methods	3	0	37	
		CIS106 Introduction to MATLAB	2	2	12	
		CHEM102 Chemistry II	3	0	8	
2010-2011 European University of Lefke)	Fall	ECON 305 Engineering Economics	3	0	115	
		CIS201 Business Applications with MATLAB	2	2	8	
	Spring	MATH 302 Numerical Methods	3	0	53	
		CIS106 Introduction to MATLAB	2	2	9	
		CHEM102 Chemistry II	3	0	4	
2011-2012 European University of Lefke)	Fall	MATH 107 Mathematics for Business and Economics I	3	0	35	
		STAT 203 Statistics I	3	0	59	
		CE 307 Fluid Mechanics	4	0	35	
		CIS201 Business Applications with MATLAB	2	2	9	
	Spring					