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PERSONAL

Date of Birth	1985
Place of Birth	İzmir, Turkey

EDUCATION

2010-2014	Hacettepe University, Food Engineering, PhD
2008-2010	Hacettepe University, Bioengineering, MSc
2003-2008	Hacettepe University, Food Engineering, BSc

ACADEMIC POSITIONS

2021-	Başkent University, Department of Gastronomy and Culinary Arts, Faculty of Fine Arts, Design and Architecture, Part-time lecturer, Ankara
2018-	Atılım University, Faculty of Business Administration, Department of Tourism Management; Faculty of Health Sciences, Department of Nutrition and Dietetics, Ankara, Part-time lecturer
2011-2014	Aksaray University, Instructor, Güzelyurt Vocational School, Department of Food Technology, Güzelyurt, Aksaray

HONORS&AWARDS

1	3. Uluslararası Gıda ve Beslenme Kongresi, Antalya, Turkey, 22-25 April 2009 "Genç Bilim İnsanları için Poster Ödülü Yarışması" En İyi 2. Poster Ödülü
2	Hacettepe Üniversitesi Mühendislik Fakültesi 8. Proje Sergisi "Gıda Maddelerinin ve Gıda İle Temasta Bulunan Yüzeylerin Soğuk Plazma Yöntemi İle Dekontaminasyonu" 3.'lük ödülü
3	TÜBİTAK Genç Araştırmacı (Katılım) Bursu
4	Uluslararası Bilimsel Yayınları Teşvik Programı, Yayın teşviki, TÜBİTAK

RESEARCH INTERESTS

1	Food Safety
2	Food Microbiology-Food Hygiene-Food Preservation
3	Food Quality-Control, Food Safety Management Systems
4	Institutional Food Service
5	Hygienic kitchen design and planning:

6	Biotechnology and Bioengineering
7	Plasma polymerisation technique
8	Packaging modification and development
9	Biopolymers
10	Biosensors

PUBLICATIONS

1	Onar N, Aksit A.C., Sen, Y , Mutlu M; Antimicrobial, UV-Protective and Self-Cleaning Properties of Cotton Fabrics Coated by Dip-Coating and Solvothermal Coating Methods, Fibers and Polymers , 2011, Vol.12, No.4, 461-470.
2	Yasin Sen , Demet Ataman, Mehmet Mutlu; Plasma processing of materials for biotechnological applications, Current Opinion in Biotechnology , 2011, Vol. 22, Supplement 1, September, 63.
3	Sen Y , Bağcı U, Güleç HA, Mutlu M, Modification of food contacting surfaces by plasma polymerization technique: reducing the biofouling of microorganisms on stainless steel surface, Food and Bioprocess Technology , 2012, Volume 5, Issue 1, 166-175.
4	A.Burak Turhan, Demet Ataman, Yasin Sen , Mehmet Mutlu, Ekmel Özbay; Plasma Polymerization Assisted Surface Modification of a Transducer Based on Localized Surface Plasmon Resonance(LSPR) of Gold Nanotructure Arrays Fabricated by Electron Beam Lithography for Biosensor Applications, Journal of Nanophotonics , 2012, Vol 6.
5	Yasin Sen , Didem Rodoplu, Mehmet Mutlu, Preparation of superhydrophobic membranes by HMDSO plasma modified electrospun nanofibers, Journal of Biotechnology , 2012, Volume 161, 44
6	Rodoplu Didem, Sen Yasin , Mutlu Mehmet; Electrospun Nanofiber Modification on Quartz Crystal Microbalance Surfaces Intended For Biosensor Applications, Nanoscience and Nanotechnology Letters , 2013, Vol. 5, 1–8.
7	Yasin Sen , Mehmet Mutlu; Sterilization of Food Contacting Surfaces via Non-Thermal Plasma Treatment: A model study with Escherichia coli Contaminated Stainless Steel and Polyethylene Surfaces, Food and Bioprocess Technology , 2013, Volume 6, Issue 12, 3295-3304.
8	Muhammed İbrahim Bahtiyari, Hüseyin Benli, Yasin Sen , Asım Davulcu; Dyeing of Cotton with Thyme and Pomegranate Peel, Cellulose , (2014) 21: 4671.
9	Sacide Alsoy Altinkaya, Filiz Yasar Mahlicli, Yasin Sen , Mehmet Mutlu, Immobilization of Superoxide Dismutase/Catalase onto Polysulfone Membranes to Suppress Hemodialysis Induced Oxidative Stress. A Comparison of Two Immobilization Methods, Journal of Membrane Science , 2015, Pages 479:175–189.

10	Dasan,B.G.,Onal-Ulusoy,B.,Pawlat,J.,Diatczyk,J., Sen,Y. ,& Mutlu, M. A new and simple approach for decontamination of food contact surfaces with gliding arc discharge atmospheric non-thermal plasma. Food and Bioprocess Technology , (2017)10, 650-661.
11	Akdoğan Ebru, Demirbilek Murat, Sen Yasin , Onur Mehmet Ali, Azap Özlem Kurt, Erkin Sonmez, Hasret Tolga Sirin, Mutlu Mehmet; In vitro and in vivo bacterial antifouling properties of phosphite plasma-treated silicone, Surface Innovations , (2019) 7 122-132.
12	Yasin Sen , Baran Onal Ulusoy, Mehmet Mutlu; Aspergillus Decontamination of Hazelnuts by Low and Atmospheric Pressure Plasma Treatments; Innovative Food Science and Emerging Technologies , (2019) 54, 235-242.
13	Yasin Sen , Baran Onal Ulusoy, Mehmet Mutlu; Detoxification of Hazelnuts by Different Cold Plasmas and Gamma Irradiation Treatments; Innovative Food Science and Emerging Technologies , (2019) 54, 252-259.
14	Onal-Ulusoy, Baran, Sen, Yasin , Mutlu, Mehmet; Quality changes of hazelnut kernels subjected to different cold plasmas and gamma irradiation treatments. LWT . (2019) 116, 108549.

BOOKS/CHAPTERS

1	Kitap Bölümü, Tatlı ve Pastacılık, Akademisyen Yayınevi, 2023
2	Kitap Bölümü, Yiyecek Hizmetleri Yönetimi, İlkeler ve Uygulamalar, Hipokrat Yayıncılık, 2023
3	Kitap Bölümü, Gastronomi Sözlüğü (A'dan Z'ye), Detay Yayıncılık, 2020

PRESENTATIONS

1	Şen Yasin , Odabaşı Gizay, Mutlu Mehmet, “Gıda Endüstrisinde Kullanılan Paslanmaz Çelik Yüzeylerde Plazma Polimerizasyonu ile Mikrobiyal Tutunmanın Engellenmesi” Türkiye 10. Gıda Kongresi, Erzurum, 21-23 Mayıs 2008, Kongre Bildiri Özetleri Kitabı (poster bildirisi), 919-922.
2	Şen Yasin , Odabaşı Gizay, Mutlu Mehmet, “Gıda Endüstrisinde Kullanılan Paslanmaz Çelik Yüzeylerde Plazma Polimerizasyonu ile Mikrobiyal Tutunmanın Engellenmesi” Hacettepe Üniversitesi Mühendislik Fakültesi 5. Proje Sergisi Poster Sunumu, Ankara.
3	ŞEN Yasin , Mutlu Mehmet, “Development of Protein Coated Food Packaging Materials by Plazma Polimerization” Poster Sunumu, İstanbul, COST 868 Meeting, 2009.

4	Haci Ali Gulec, Arzu Topaci, Cafer Topaci, Yasin Sen , Nedim Albayrak, Mehmet Mutlu "Membrane Surface Modification by Plasma Polimerization of Ethylenediamine for Fractination of Saccharides" Poster Sunumu, 19th International Symposium on Plasma Chemistry, Bochum, Germany, July 26th-31st, 2009.
5	Yasin Şen , Mehmet Mutlu, " An Alternative Approach to Laminated Food Packaging Materials by Plasma Poymerization Technique: Whey Protein Isolate Layer as an Oxygen Barrier" Poster Sunumu, 3. Uluslararası Gıda ve Beslenme Kongresi, Antalya, Turkey, 22-25 April 2009.
6	Yasin Şen , Mehmet Mutlu, Hacı Ali Güleç, "Bio-decontamination of Nut Surfaces Using Non-thermal Plasma Technologies" Poster Sunumu, 3. Uluslararası Gıda ve Beslenme Kongresi, Antalya, Turkey, 22-25 April 2009.
7	Gulec, Haci Ali, Sen Yasin , Albayrak, Nedim, Mutlu, Mehmet "Immobilization of İnvertase on Plasma Polymerisation Modified Cellulose Acetate Membrane by Polyethylenimine" Sözlü Sunum, COST 868 Meeting in Elba, Italy May 18-19, 2009.
8	Aksit A, Onar N, Mutlu M, Sen, Y "Antimicrobial, UV-Protective and Photocatalytic Properties of Cotton Fabrics Coated with Silica and Titania Sols" Sözlü Sunum, International Conference on Latest Advances in High Tech Textiles and Textile-Based Materials, Ghent, Belgium 23-25 September 2009.
9	Didem Rodoplu, Yasin Sen, Nurşen Zıgal, Mehmet Mutlu, "Plasma Treated Electrospun Nanofiber Modified Quartz Crystal Microbalance Surfaces Intended For Biosensor Applications" Poster Sunumu, 6th Nanoscience and Nanotechnology Conference - NanoTR-VI , İzmir, Turkey, June 15-1, 2010.
10	Sen Yasin , Rodoplu Didem, Mutlu Mehmet, " Modification of electrospun modified quartz crystal surfaces by plasma polymerization technique" Poster Sunumu, COST 868 Meeting in Malia, Greece, September 2-3, 2010.
11	SEN Yasin , Soran Zeliha, Akdogan Ebru, Catalkaya Hürkan, Gumusderelioglu Menemşe, Mutlu Mehmet, "Modification of Alginate Microspheres by Plasma Polymerization Technique for Biomedical Applications" Poster Sunumu, 7th International Conference on Polymer and Textile Biotechnology Milan, Italy, 2-4 March, 2011.
12	Sen Yasin , Bagci Ufuk, Mutlu Mehmet, " Sterilization of Food Contacting Polymer Surfaces Via Non-Thermal Plasma Treatment by Using Different Precursor Gas Composition" Sözlü Sunum, 6 th INTERNATIONAL CIGR Technical Symposium - Section 6 "Towards a Sustainable Food Chain" Food Process, Bioprocessing and Food Quality Management, Nantes, France - April 18-20, 2011.
13	Sen Yasin , Layık Esra, Alpsoy Pelin, Mutlu Mehmet, "Plasma Processing of Powdered Food Materials: Decontamination Studies of Red Pepper " Poster Sunumu, 6 th INTERNATIONAL FOOD CONGRESS - "Novel Approaches in Food Industry" Cesme, Turkey - May 26-29, 2011.
14	Yasin Sen , Demet Ataman, Mehmet Mutlu, "Plasma processing of materials for biotechnological applications" Poster Sunumu, European Biotechnology Congress 2011, Istanbul, Turkey, September 28-October 1, 2011.

15	Yasin Sen , Didem Rodoplu, Mehmet Mutlu, "Preparation of Superhydrophobic Membranes by HMDSO Plasma Modified Electrospun Nanofibers" Poster Sunumu, Eurobiotech 2012 Agricultural Symposium, Kayseri, Turkey, 12-14 April, 2012.
16	Mehmet Mutlu, Yasin Sen , "Cold Plasma Technique in the Food Industry for Decontamination Purposes" Sözlü Sunum, Advanced Nonthermal Processing in Food Technology: Effects on Quality and Shelf life of Food and Beverages (ANPFT2012) Workshop, Kusadasi, Turkey, 7-10 May, 2012.
17	H. A. Gulec, Yasin Sen , Mehmet Mutlu, "Non-thermal Plasma Technology and Its Impact on Processed Food Industry" Sözlü Sunum, Advanced Nonthermal Processing in Food Technology: Effects on Quality and Shelf life of Food and Beverages (ANPFT2012) Workshop, Kusadasi, Turkey, 7-10 May, 2012 .
18	M. I. Bahtiyari, H. Benli, Y. Sen , "Use of Thyme as a Natural Dye in Wool Dyeing and Evaluation of the Antimicrobial Effect" Sözlü Sunum, International Congress on Healthcare and Medical Textiles, Izmir, Turkey, 17-18 May, 2012.
19	Yasin Sen , Dilara Bozkurt, Mehmet Mutlu, Decontamination of Foods By Cold Plasma Technology, PhD workshop WD2013, Poronin, Poland, June 23-26, 2013.
21	Şen, Y. , Onal-Ulusoy, B., Mutlu, M., 2015, Effects of Non-Thermal Atmospheric Plasma System on Hazelnut Part 1: Effects on Aspergillus sp. and aflatoxins, 13 th Euro Fed Lipid Congress "Fats, Oils and Lipids; New Challenges in Technology, Quality Control and Health, 27-30 September, Florence, Italy.
22	Şen, Y. , Onal-Ulusoy, B., Mutlu, M., 2015, Effects of Non-Thermal Atmospheric Plasma System on Hazelnut Part 2: Effects on tocopherols, free fatty acids and peroxides contents, 13 th Euro Fed Lipid Congress "Fats, Oils and Lipids; New Challenges in Technology, Quality Control and Health, 27-30 September, Florence, Italy.
23	Günaydın Daşan B., Önal Ulusoy B., Pawlat J., Diatczyk J., Sen Y. , Mutlu M., A Novel Approach In Non Thermal Processing Of Biomaterials Gliding Arc Discharge Plasma, Sözlü sunum, 3rd International Conference on Advanced Technology & Sciences (ICAT'16), 1-3 SEP, 2016, Konya, Turkey.
24	Yasin Sen , Baran Onal-Ulusoy, Mehmet Mutlu, Decontamination and Detoxification of Hazelnut with Atmospheric and Low-Pressure Non-Thermal Plasmas, Sözlü sunum, 19th International Conference on Food Processing & Technology, October 23-25, 2017 in Paris, France.
25	Yasin ŞEN , İbrahim BİRKAN, Şule ARDIÇ YETİŞ, Safe Food Production in Gastronomy, UGTAG-International Gastronomy Turizm Studies Congress, Sözlü sunum, September 19-21, 2019 in Nevşehir, Turkey.

PROJECTS

1	TÜBİTAK 2209 Üniversite Öğrencileri Yurt içi / Yurt Dışı Araştırma Projeleri Destekleme Programı, "Gıda Endüstrisinde Kullanılan Paslanmaz Çelik Yüzeylerde Plazma Polimerizasyonu ile Mikrobiyal Tutunmanın Engellenmesi", Proje Yürütücülüğü (2008).
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2	SAN-TEZ projesi , “Beyin-Omurilik Sıvısı Şantlarında Bakteriyel Kolonizasyonun Önlenmesi”, yardımcı personel (2009).
3	FP7 Project: MATERA+, BBM 1845 , Targeting of material’s antimicrobial activity by newly engineered peptides, ANTIMICROB PEPTIDES , yardımcı personel (2010).
4	Yasin ŞEN, Baran Önal Ulusoy, Mehmet MUTLU, Gıda Endüstrisi İçin Yeni ve Etkin Bir Dekontaminasyon ve Detoksifikasyon Yöntemi: Atmosferik Basınç Plazma Uygulaması, TÜBİTAK Araştırma Projesi Proje No: TOVAG-111O570 , COST Project, in COST Action " COST MP1101 Biomedical Applications of Atmospheric Pressure Plasma Technology (2012).
5	Environmental and Biomedical Applications of Microplasmas Produced by Gliding Arc Discharges (ENV-BIO-GA), KORANET Project, Collaborators: Prof. Dr. H. Stryczewska (Poland), Prof. Dr. D.W. Park (Korea), Prof. Dr. K. Ebihara (Japan), KORANET 2-20 , start up: October, (2012).
6	Konuk araştırmacı (1 ay), Electrical Engineering Faculty of Lublin University of Technology, Electrotechnical Institute and Faculty of Electrical Engineering, Lublin/Polonya (2013).

COURSES GIVEN

1	Hygiene and Sanitation
2	Menu Planning and Presentation
3	Institutional Food Service I
4	Institutional Food Service II
5	Quality Sytems in Food Service
6	Ziyafet Mutfağı ve Organizasyonu
7	Gıda Makine ve Ekipmanları
8	Gıda Ambalajlama ve Depolama
9	Baharat ve Gıda Takviyeleri
10	Bitkisel Yağ Teknolojisi
11	Gıda Biyoteknolojisi
12	Tahıl Ürünleri Teknolojisi
13	Özel Gıdalar Teknolojisi
14	Gıda Kodeksi ve Standartları
15	Gıda Hijyeni ve Sanitasyon
16	Gıda Mevzuatı
17	Meyve ve Sebze İşleme Teknolojisi
18	Et ve Su Ürünleri Teknolojisi
19	İşletme Hijyen ve Sanitasyonu
20	Laboratuvar Tekniği

21	Süt ve Süt Ürünleri Teknolojisi
22	Gıda ve Personel Hijyeni