Assoc. Prof. DOĞAN TUTAK

Personal Information

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International Researcher IDs
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Publons / Web Of Science ResearcherID: V-6790-2017
ScopusID: 16025805000
Yoksis Researcher ID: 33102

Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Printing Education, Turkey 2006 - 2013
Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Printing Education, Turkey 2003 - 2006
Undergraduate, Marmara University, Faculty of Technical Education, Printery Education, Turkey 1997 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Developing a System Alternative to The System of CMYK Color Separation, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Printing Education, 2013
Postgraduate, The Impact of Relative and Absolute Humidity on Resistance in Offset-Printed Laminated Packaging , Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Printing Education, 2006

Research Areas

Engineering and Technology

Academic Titles / Tasks

Associate Professor, Marmara University, School of Applied Sciences, Printing Technologies, 2020 - Continues
Research Assistant PhD, Marmara University, School of Applied Sciences, Printing Technologies, 2014 - 2020
Researcher, Western Michigan University, Engineering And Applied Sciences, Chemical And Paper Engineering, 2017 -

2019
Researcher, Western Michigan University, Engineering And Applied Sciences, Chemical And Paper Engineering, 2013 - 2015
Research Assistant, Marmara University, Faculty of Technical Education, Printery Education, 2002 - 2014

Academic and Administrative Experience

Deputy Head of Department, Marmara University, School of Applied Sciences, Printing Technologies, 2022 - Continues
Program Koordinatörü, Marmara University, School of Applied Sciences, Printing Technologies, 2020 - Continues
Mevlana Exchange Program Institutional Coordinator, Marmara University, School of Applied Sciences, 2020 - Continues

Courses

Paper Production and Methods, Postgraduate, 2022 - 2023
Recycling Processes of Printed Papers, Doctorate, 2022 - 2023
Dijital Montaj Teknikleri, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Mesleki İngilizce, Undergraduate, 2022 - 2023, 2021 - 2022
Offset Printing Applications I, Associate Degree, 2022 - 2023, 2021 - 2022
Offset Printing Applications I, Associate Degree, 2022 - 2023, 2021 - 2022
Basım Endüstrisinde Atık Yönetimi ve Çevre, Undergraduate, 2022 - 2023
Ofset Baskı Sistemi ve Matbaa Maliyet Hesapları, Associate Degree, 2022 - 2023
Toplam Verimli Bakım, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Baskı Planlama ve Kontrol II, Undergraduate, 2019 - 2020
İşyeri Eğitimi, Undergraduate, 2019 - 2020
Bitirme Projesi, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

I. **SUSTAINABILITY IN THE PRINT AND PACKAGING INDUSTRY**
AYDEMİR C., YENİDOĞAN S., TUTAK D.
Cellulose Chemistry and Technology, vol.57, no.5-6, pp.565-577, 2023 (SCI-Expanded)

II. **Effect of coating pigment type on paper printability with water-based inks**
Özcan A., Sönmez S., Tutak D.
JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, vol.19, no.4, pp.1149-1157, 2022 (SCI-Expanded)

III. **The effect of paper surface-coating pigments and binders on colour gamut and printing parameters**
Özcan A., Tutak D.
COLORATION TECHNOLOGY, vol.137, no.5, pp.445-455, 2021 (SCI-Expanded)

IV. **The effect of zeolite on inkjet coated paper surface properties and deinking**
ÖZCAN A., TUTAK D.
NORDIC PULP & PAPER RESEARCH JOURNAL, vol.35, no.3, pp.432-439, 2020 (SCI-Expanded)

V. **EFFECTS OF OVEN DRYING AND POLYDIMETHYLSILOXANE (PDMS) EMULSION COATING ON HEAT-SET PRINTING QUALITY**
Aydemir C., Akgül A., Tutak D.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.54, pp.495-503, 2020 (SCI-Expanded)

VI. **INVESTIGATION OF THE EVOLUTION OF HYDROPHOBICITY AND WETTABILITY OF PAPER IN MULTI-COLOR PRINTING PROCESS**
Aydemir C., Karademir A., Imamoglu S., Altay B. N., Fleming P. D., Tutak D.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.53, pp.787-794, 2019 (SCI-Expanded)

VII. **Printability of papers recycled from toner and inkjet-printed papers after deinking and recycling processes**
Karademir A., Aydemir C., Tutak D., Aravamuthan R.
JOURNAL OF APPLIED BIOMATERIALS & FUNCTIONAL MATERIALS, vol.16, pp.76-82, 2018 (SCI-Expanded)

VIII. **MODIFIED DEINKING OF DIGITALLY PRINTED PAPER WITH WATER BASED INKJET INK**
Tutak D.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.51, pp.483-488, 2017 (SCI-Expanded)

IX. **DEINKABILITY OF SOY INKJET INK PRINT BY MODIFIED INGEDE METHOD USING SOY OLEIC ACID**
Tutak D., Husovska V., Pekarovicova A., Fleming P. D.
CELLULOSE CHEMISTRY AND TECHNOLOGY, vol.51, pp.333-340, 2017 (SCI-Expanded)

Articles Published in Other Journals

I. **Farklı Kalınlık ve Gramajdaki Ambalaj Kartonlarının Neme Karşı Dayanım Parametrelerinin incelenmesi**
TUTAK D.
BARTIN ORMAN FAKÜLTESİ DEGİSİ, vol.21, 2019 (Peer-Reviewed Journal)

II. **Investigation of the Effect of Rubber Based Offset Ink printed on packaging Cardboard on the Strength Properties of Packing Cartons**
TUTAK D., KESKİN B., ABUBAKR S., FLEMING P. D.
International Journal of Applied Science and Technology, vol.9, pp.9-17, 2019 (Peer-Reviewed Journal)

III. **Investigation of the effects of different ink density values on color gamut in offset printing**
TUTAK D., BEYTUT H. N., ÖZCAN A.
Journal of Graphic Engineering and Design, vol.9, no.1, pp.23-28, 2018 (Scopus)

IV. **Investigation of the effects of silicone oil coating and hot air drying on the optical and physical properties of heat-set web offset printing papers**
Tutak D., Aydemir C., Akgül A.
Journal of Graphic Engineering and Design, vol.9, pp.41-45, 2018 (Scopus)

V. **Dijital Baskıda Farklı Nokta Kazanç Değerlerinin Renk Evrenine Etkisinin İncelenmesi**
Tutak D., Beytut H.
İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, vol.14, no.27, pp.37-54, 2015 (Peer-Reviewed Journal)

VI. **Comparing the Color Gamuts of Different Paperboard Surfaces Used in Package Printing**
Tutak D.
AJIT-e: Online Academic Journal of Information Technology, vol.5, no.17, pp.57-66, 2014 (Peer-Reviewed Journal)

VII. **Ofset Baskıda Nemlendirme Suyu PH ının Kalıptaki Tram Nokta Kayıplarına Etkisi**
KÖSE E., KESKİN B., TUTAK D.
Politeknik, vol.13, pp.43-47, 2010 (Peer-Reviewed Journal)

VIII. **3D Anagraph Metodu İle Daha Fazla Derinlik**
TUTAK D., SOYSAL T., ÖZDEMİR L.
Basım Dünyası, vol.1, pp.90-93, 2010 (Non Peer-Reviewed Journal)

IX. **Ofset Baskıda Doğru Merdane**
TUTAK D., BEYTUT H. N.
Basım Dünyası, vol.1, no.59, pp.90-93, 2009 (Non Peer-Reviewed Journal)

Books & Book Chapters

I. **PRINTISTANBUL2023 Proceedings Book. 4th INTERNATIONAL PRINTING TECHNOLOGIES SYMPOSIUM**
OĞUZ M., ÖZCAN A., ARMAN KANDIRMAZ E., SESLİ Y., TUTAK D., ÖZOMAY Z.

Basım Sanayi Eğitim Vakfı (BASEV). Printing Industry Education Foundation, İstanbul, 2023

Refereed Congress / Symposium Publications in Proceedings

I. **Effect of ink drying process on cellophane coating in flexo printing**
TUTAK D., ARMAN KANDIRMAZ E.
4. INTERNATIONAL PRINTING TECHNOLOGIES SYMPOSIUM, İstanbul, Turkey, 5 - 06 October 2023, vol.1, pp.229-234

II. **Recycling of UV flexo ink printed self-adhesive labels and encountered problems**
TUTAK D., ÖZDEMİR L.
4. INTERNATIONAL PRINTING TECHNOLOGIES SYMPOSIUM, İstanbul, Turkey, 5 - 06 October 2023, vol.1, pp.169-176

III. **An Eco-Friendly Smart Packaging Film with Carregenaan and Anthocyanin**
ARMAN KANDIRMAZ E., ÖZCAN A., TUTAK D.
3. International Circular Packaging Conference, Ljubljana, Slovenia, 19 - 20 October 2023, vol.1, pp.190-198

IV. **Polylactic Acid (PLA) and Sodium Alginate Film Production and Usage in Active Packaging for Tomato Preservation**
ÖZCAN A., ARMAN KANDIRMAZ E., TUTAK D.
3. International Circular Packaging Conference, Ljubljana, Slovenia, 19 - 20 October 2023, vol.1, pp.180-189

V. **Ink Production with Natural Sinop Clay Pigment and Examination Printability Properties of Eco-Friendly Ink**
TUTAK D., ÖZCAN A., ARMAN KANDIRMAZ E., KOTAN S.
3. International Circular Packaging Conference, Ljubljana, Slovenia, 19 - 20 October 2023, vol.1, pp.245-252

VI. **Investigation of Recycling Performance of Different Types of Paper Printed With UV Inks**
TUTAK D., İLMİ İ.
11. INTERNATIONAL SYMPOSIUM GRAPHIC ENGINEERING AND DESIGN, Novi-Sad, Serbia, 03 November 2022

VII. **THE INVESTIGATION OF EFFECT OF PIGMENT RATIO IN INK ON COLOR GAMUT**
TUTAK D.
8th International Joint Conference on Environmental and Light Industry Technologies, Budapest, Hungary, 18 - 19 November 2021

VIII. **Investigation of the flame-retardant property of silica nanoparticles ratio in the paper coating, International Scientific-Practical Conference Innovations in Publishing**
ÖZCAN A., ARMAN KANDIRMAZ E., TUTAK D.
Printing and Multimedia Technologies, Kaunas, Lithuania, 19 - 20 October 2021

IX. **The production of edible and antimicrobial active packaging material with thyme oil and determination of printability properties**
ÖZCAN A., ARMAN KANDIRMAZ E., TUTAK D.
2. INTERNATIONAL CIRCULAR PACKAGING CONFERENCE, Ljubljana, Slovenia, 9 - 10 September 2021, no.1, pp.237-245

X. **THE PRODUCTION OF EDIBLE AND ANTIMICROBIAL ACTIVE PACKAGING MATERIAL WITH THYME OIL AND DETERMINATION OF PRINTABILITY PROPERTIES**
ÖZCAN A., ARMAN KANDIRMAZ E., TUTAK D.
2. INTERNATIONAL CIRCULAR PACKAGING CONFERENCE, Slovenia, 09 September 2021

XI. **WATER VAPOR PERMEABILITY (WVTR) OF PACKAGING CARTONS IN EXTREME HOT AND HUMID ENVIRONMENTS**
Tutak D., Keskin B., Abubakr S., Aravamuthan R.
6. ULUSLARARASI MATBAA TEKNOLOJİLERİ SEMPOZYUMU, İstanbul, Turkey, 1 - 03 November 2018, pp.1099-1104

XII. **MODIFICATION OF RECYCLING PROCESS FORINKJET PRINTED PAPER**
Tutak D.

6. ULUSLARARASI MATBAA TEKNOLOJİLERİ SEMPOZYUMU, İstanbul, Turkey, 1 - 03 November 2018, pp.703-708

XIII. **Baskılı ve Baskısız Kâğıt Geri Dönüşüm Hamurları Karışımından Elde Edilen Kâğıtların Fiziksel Özelliklerinin İncelenmesi**
Tutak D.
2. Uluslararası Basım Teknolojileri Sempozyumu, İstanbul, Turkey, 11 - 12 October 2017, vol.1, pp.315-322

XIV. **Heat-set Baskıda Sıcaklık ve Silikon Yağı Uygulamasının Renk Evrenine Etkisinin İncelenmesi. 2. Uluslararası Basım Teknolojileri Sempozyumu**
AKGÜL A., AYDEMİR C., TUTAK D.
2. Uluslararası Basım Teknolojileri Sempozyumu, 11 - 12 October 2017, vol.1, pp.209-215

XV. **INVESTIGATION OF THE EFFECT OF DIFFERENT SCREEN FREQUENCY TO DOT GAIN IN OFFSET PRINTING**
Tutak D., Aydemir C., Özakhun Ş. C., Beytut H. N.
5. ULUSLARARASI MATBAA TEKNOLOJİLERİ SEMPOZYUMU, İstanbul, Turkey, 4 - 05 November 2016, pp.99-105

XVI. **COMPARISON OF THE OPTICAL PROPERTIES OF RECYCLED PAPER WHICH PRINTED!BY TONER AND INKJET BASE DIGITAL!PRINTING INK**
Tutak D., Özakhun Ş. C., Beytut H., Aydemir C.
1. Uluslararası Basım Teknolojileri Sempozyumu., İstanbul, Turkey, 8 - 10 October 2015, pp.153-162

XVII. **Matbaa Sektöründe Aşınmış Çelik Esaslı Bir Malzeme İçin Seramik Kaplama Uygulaması**
AKGÜL A., PAZARLIOĞLU S. S., TUTAK D., özömay z., hüseyin b., ÖZAKHUN Ş. C., SALMAN S.
International Iron and Steel Symposium (2012: Karabük, Turkey), 2 - 04 April 2012

XVIII. **Florosilan Hibridle Modifiye Edilmiş Uv Lakların Yüzey Özelliklerinin İncelenmesi**
BEYTUT H. N., ÇAKIR M., KARTAL İ., ŞENGÜL M., TUTAK D.
IV. Uluslararası Matbaa Teknolojileri Sempozyumu, 24 - 26 November 2011

XIX. **Plazma Spray Yöntemiyle Oluşturulan Al2O3 40TİO2 Kompozit Kaplamaların Aşınma Davranışı Sertlik ve Bağ Mukavemeti Özelliklerinin İncelenmesi**
PAZARLIOĞLU S. S., TUTAK D., AKGÜL A., ÖZOMAY Z., BEYTUT H. N., ÖZAKHUN Ş. C., SALMAN S.
1. Ulusal Kompozit Malzemeler Sempozyumu, İzmir, Turkey, 17 - 19 November 2011

XX. **IGT Test Baskı Sistemi İle Yapılan Baskılarda Mürekkebe Katılan Pasta Oranının Renk Şiddetine Etkisinin İncelenmesi**
ÖZOMAY Z., ÖZAKHUN Ş. C., TUTAK D.
Ambalaj 2009 Sempozyumu, Turkey, 13 November 2009

XXI. **Flekso Baskıda Mürekkep Viskozitesinin ve Aniloks Sıklığının Renk Değerlerine Etkisinin İncelenmesi**
OKTAV M., TUTAK D., YAMAN Ö., ACAR BÜYÜKPEHLİVAN G.
V. Uluslararası Ambalaj Kongresi ve Sergisi, Turkey, 22 - 24 November 2007

XXII. **Farklı Kalınlıklardaki Lak Uygulamalarının Sürtünme Dayanımına Etkisinin İncelenmesi**
Tutak D., Akgül A., Özomay Z.
2. Uluslararası Matbaa Teknolojileri Sempozyumu, Ankara, Turkey, 25 - 26 October 2007, pp.227-232

XXIII. **The Examination of The Impact of Humudity on Cardboard Endurance in The Offset Printed and Laminated**
Tutak D., Özakhun Ş. C., Akgül A.
59. Annual Technical Conference, Technical Association of the Graphic Arts, Pennsylvania, United States Of America, 17 - 19 March 2007, pp.575-584

XXIV. **The investigation of the effect of liquid-absorbing capacity of rough-surfaced papers on the densitometric values of printed inks**
AKGÜL A., Ozakhun C., TUTAK D.
58th Annual Technical Conference of the Technical Association of the Graphic Arts, TAGA 2006, Vancouver, Canada, 19 - 21 March 2006, vol.2006, pp.527-533

XXV. **Karton Ambalaj Üretiminde Farklı Karşı Kalıp Yöntemlerinin Piliyaj Kalitesi ve Maliyet Açısından İncelenmesi**
GENÇOĞLU E. N., KURT M. B., Başkan G., TUTAK D.
2. Uluslarası Katılımlı Kağıt-Karton, Mürekkep, Matbaa Sempozyumu ve Sergisi, İzmir, Turkey, 02 December 2004,

vol.2, pp.275-288

XXVI. **Gıda Ambalajı Üreten İşletmelerde Hijyen ve Sanitasyon Yönetimi**
AYDEMİR C., TUTAK D.
II. Uluslararası Katılımlı Kağıt – Karton, Mürekkep, Matbaa Sempozyumu ve Sergisi, İzmir, Turkey, 2 - 05 December 2004

XXVII. **Gıda Karton Ambalaj Üretiminde Farklı Karşı Kalıp Yöntemlerinin Piliyaj Kalitesi ve maliyet açısından incelenmesi**
GENÇOĞLU E. N., KURT M. B., BAŞKAN G., TUTAK D.
2. Uluslararası Katılımlı Kağıt-Karton, Mürekkep, Matbaa Sempozyumu ve Sergisi, Turkey, 2 - 05 December 2004

XXVIII. **Serigrafi Baskıda Porselen Dekorlama Yöntemleri**
SÖZEN M., TUTAK D.
1. Uluslararası Matbaa Teknolojileri Sempozyumu, Ankara, Turkey, 29 - 30 September 2003

Supported Projects

Tutak D., Abubakr S., Universities of Other Countries Supported Project, The Examination of UV Inks of Conventional and LED Curing from Paper Fibers, 2017 - 2019
Tutak D., Aydemir C., Karademir A., Project Supported by Higher Education Institutions, Printability of Papers Recycled from Toner and Inkjet-Printed Papers After Deinking and Recycling Processes, 2017 - 2019
Akgül A., Özakhun Ş. C., Özomay Z., Tutak D., Project Supported by Higher Education Institutions, KUTU KESME VE LAMİNASYON MAKİNELERİNDE AŞINMA VE KOROZYON PROBLEMLERİNE KARŞI YAPILAN PLAZMA VE HVOF KAPLAMALAR İLE ÜRÜN KALİTESİNİ VE KULLANIM ÖMRÜNÜ ARTTIRMAK, 2010 - 2018
Tutak D., Pekarovicova A., TUBITAK Project, Improving The Removal of Ink From Newsprint Papers by Changing Printing Ink Components and Some Surface Treatment, 2013 - 2015
Tutak D., Beytut H. N., Project Supported by Higher Education Institutions, Developing a System Alternative to the System of CMYK Color Separation, 2009 - 2013

Activities in Scientific Journals

Uluslararası Disiplinlerarası ve Kültürlerarası Sanat, Foreign Language Redactor, 2020 - 2023

Metrics

Publication: 48
Citation (WoS): 31
Citation (Scopus): 60
H-Index (WoS): 4
H-Index (Scopus): 6

Scholarships

Baskı Mürekkebi Bileşenlerinde Değişimler ve Bazı Yüzey İşlemleri ile Gazete Kağıtlarının Mürekkeplerinden Arındırılmasının İyileştirilmesi, TUBITAK, 2013 - 2015

Non Academic Experience

ÖZTÜKEL MATBAACILIK