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International Researcher IDs

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Education Information

Expertise In Medicine, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, Turkey 2016 - 2020

Undergraduate, Istanbul University, Istanbul Medical Faculty, İstanbul Tıp Pr., Turkey 2009 - 2015

Dissertations

Expertise In Medicine, Eskişehir osmangazi üniversitesi (ESOGÜ) öğrencilerinde ve ESOĞÜ'de görevli (30 yaş ve altı) öğretim elemanlarında keratokonus sıklığının araştırılması, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2020

Research Areas

Eye Diseases and Surgery

Academic Titles / Tasks

Assistant Professor, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2023 - Continues

Research Assistant, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2016 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- Crosstalk among miR-29, α -SMA, and TGF β 1/ β 3 in melatonin-induced exosome (Mel-prExo) treated human limbal mesenchymal stem cells (hLMSCs): An insight into scarless healing of the cornea**
Altug B., Soykan M. N., Eyubova S., Eker Sariboyaci A., Dogan C., Ozalp O., Atalay E.
BioFactors, vol.50, no.6, pp.1287-1297, 2024 (SCI-Expanded)
- Comparison of blood levels of vitamin B12, folic acid, riboflavin, and homocysteine in keratoconus and healthy subjects**
Sozer O., Ozalp O., Atalay E., Demir S. S., Alatas İ. Ö., Yildirim N.
JOURNAL OF CATARACT AND REFRACTIVE SURGERY, vol.49, no.6, pp.589-594, 2023 (SCI-Expanded)

- III. **Biometric Determinants of Epithelial Thickness Profile Across a Wide Range of Refractive Errors**
Özalp O., Atalay E.
Ophthalmology and Therapy, vol.11, pp.1089-1100, 2022 (SCI-Expanded)
- IV. **Belin ABCD Progression Display Identifies Keratoconus Progression Earlier Than Conventional Metrics**
Özalp O., Atalay E.
AMERICAN JOURNAL OF OPHTHALMOLOGY, vol.236, pp.45-52, 2022 (SCI-Expanded)
- V. **Risk factors for hypertensive phase after Ahmed glaucoma valve implantation.**
Özalp O., İlgü S., Atalay E., Şimşek T., Yıldırım N.
International ophthalmology, vol.42, no.1, pp.147-156, 2022 (SCI-Expanded)
- VI. **Prevalence and risk factors for keratoconus in a university-based population in Turkey.**
Özalp O., Atalay E., Yıldırım N.
Journal of cataract and refractive surgery, vol.47, no.12, pp.1524-1529, 2021 (SCI-Expanded)
- VII. **The relationship of retinopathy of prematurity with brain-derived neurotrophic factor, vascular endothelial growth factor-A, endothelial PAD domain protein 1 and nitric oxide synthase 3 gene polymorphisms**
İlgü S., Cilingir O., Bilgeç M. D., Özalp O., Erzurumluoğlu Gökalp E., Arslan S., Tekin N., Aydemir Ö., Erol N., Colak E., et al.
OPHTHALMIC GENETICS, vol.42, no.6, pp.725-731, 2021 (SCI-Expanded)
- VIII. **Awareness and Attitudes Toward Cornea Donation in a Turkish Population: A Web-Based Survey.**
Orhan F. T., Atalay E., Özalp O., Yıldırım N.
Experimental and clinical transplantation : official journal of the Middle East Society for Organ Transplantation, no.1, 2021 (SCI-Expanded)
- IX. **A Combined Biomechanical and Tomographic Model for Identifying Cases of Subclinical Keratoconus**
ATALAY E., ÖZALP O., EROL M. A., BİLGİN M., YILDIRIM N.
CORNEA, vol.39, no.4, pp.461-467, 2020 (SCI-Expanded)
- X. **Corneal elevation changes after forced eyelid closure in healthy participants and in patients with keratoconus**
ATALAY E., Najjar R. P., Tun T. A., ÖZALP O., BİLGEÇ M. D., YILDIRIM N.
CLINICAL AND EXPERIMENTAL OPTOMETRY, vol.102, no.6, pp.590-595, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of the Role of Convolutional Neural Network Architectures in the Diagnosis of Glaucoma using Color Fundus Photography.**
Atalay E., Özalp O., Devicioğlu Ö. C., Erdoğan H., İnce T., Yıldırım N.
Turkish journal of ophthalmology, vol.52, no.3, pp.193-200, 2022 (Scopus)
- II. **A peek at the window from the eye into the brain: potential use of OCT angiography in dementia**
CEYLAN S., ÖZALP O., ATALAY E.
EXPERT REVIEW OF OPHTHALMOLOGY, vol.17, no.5, pp.295-297, 2022 (ESCI)
- III. **Superiority of Baseline Biomechanical Properties over Corneal Tomography in Predicting Keratoconus Progression**
Erol M. A., Atalay E., Özalp O., Divarçlı A., Yıldırım N.
Turkish journal of ophthalmology, vol.51, no.5, pp.257-264, 2021 (Scopus)
- IV. **Advances in the diagnosis and treatment of keratoconus**
Atalay E., Özalp O., Yıldırım N.
THERAPEUTIC ADVANCES IN OPHTHALMOLOGY, vol.13, 2021 (ESCI)
- V. **Cataract secondary to iatrogenic iron overload in a severely anemic patient**
EROL M. A., ÖZALP O., ATALAY E.
Indian Journal of Ophthalmology - Case Reports, vol.1, no.2, pp.259-261, 2021 (Peer-Reviewed Journal)

- VI. **A case with acute angle closure glaucoma misdiagnosed as herpetic keratouveitis**
ŞİMŞEK T., ÖZALP O.
Journal of Glaucoma and Cataract, vol.15, no.3, pp.189, 2020 (Peer-Reviewed Journal)
- VII. **Distribution of Microbial Keratitis After Penetrating Keratoplasty According to Early and Late Postoperative Periods**
ÖZALP O., ATALAY E., Koktas Z., YILDIRIM N.
TURK OFTALMOLOJİ DERGİSİ-TURKISH JOURNAL OF OPHTHALMOLOGY, vol.50, no.4, pp.206-210, 2020 (ESCI)
- VIII. **Our Midterm Outcomes of Strabismus Surgery in Vertical Deviations**
GÜRSOY H. H., ÇAKMAK A. İ., ÖZALP O., ÖZDEMİR O. C., ÇOLAK E.
OSMANGAZİ TIP DERGİSİ, 2020 (Peer-Reviewed Journal)
- IX. **The Relationship Between Vasoproliferative Tumor and Uveitis in a Multiple Sclerosis Patient: A Case Report and Review of the Literature**
ÖZALP O., ATALAY E., EROL N., YILDIRIM N.
TURK OFTALMOLOJİ DERGİSİ-TURKISH JOURNAL OF OPHTHALMOLOGY, vol.49, no.6, pp.364-366, 2019 (ESCI)
- X. **A Case of True Superior Keratoconus Confirmed Using Multiple Imaging Modalities**
ÖZALP O., ATALAY E., YILDIRIM N.
International Journal of Keratoconus and Ectatic Corneal Diseases, vol.8, 2019 (Peer-Reviewed Journal)
- XI. **Assessment of Phosphate and Osmolarity Levels in Chronically Administered Eye Drops**
ÖZALP O., ATALAY E., Alata İ. Ö., KÜSKÜ KİRAZ Z., YILDIRIM N.
TURK OFTALMOLOJİ DERGİSİ-TURKISH JOURNAL OF OPHTHALMOLOGY, vol.49, no.3, pp.123-129, 2019 (ESCI)
- XII. **Vertikal Kaymalarda Orta Dönem Şaşılık Cerrahisi Sonuçlarımız**
GÜRSOY H. H., ÇAKMAK A. İ., ÖZALP O., ÖZDEMİR Ö. C., ÇOLAK E.
Osmangazi Tıp Dergisi, vol.42, no.3, pp.277-281, 2018 (Peer-Reviewed Journal)

Books

- I. **GLOKOMDA YAPAY ZEKA YORUMLARI**
ÖZALP O., ATALAY E.
in: GLOKOM ANALİZİ OLGULAR BAZINDA YAKLAŞIM, NEVBAHAR TAMÇELİK, Editor, ANADOLU KİTABEVİ, Ankara, pp.527-535, 2022
- II. **Viskoelastik Materyaller**
ÖZALP O.
in: Katarakt Cerrahisine Pratik Yaklaşım, Özcan Eyüp, Yaşar Erdoğan, Editor, Akademisyen Dizgi Ünitesi, Ankara, pp.39-59, 2022
- III. **Nörokütanöz Hastalıklarda Göz Bulguları**
Gürsoy H. H., Özalp O.
in: . Nörokütanöz Hastalıkları, Çarman Kürşat Bora, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.42-47, 2021
- IV. **Bölüm 4 Kornea**
Özalp O., Köktaş Z., Atalay E.
in: The Wills Eye Manuel Göz Hastalıklarının Klinik ve Acil Polikliniğinde Tanı ve Tedavisi, Bagheri Nika, Wajda Brynn N., Editor, Akademisyen Kitabevi, Ankara, pp.95-190, 2021
- V. **Çocukluk Çağında Vitreoretinal Cerrahi Gerektiren Makulayı Etkilemiş Hastalık Tabloları ve Cerrahi Yöntemler**
EROL N., BİLGEÇ M. D., ÖZALP O.
in: Makula Hastalıklarında Vitreoretinal Cerrahi, Akar Solmaz, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.60-74, 2020

Papers Published in Refereed Scientific Meetings

- I. **Evaluation of temperature changes on the ocular surface after intravitreal injection using a thermal camera**
Gür O. B., Akbaba E., Erol N., Bilgeç M. D., Özalp O., Atalay E.
33rd Biennial Cornea Conference, Lisbon, Portugal, 4 - 05 October 2024, pp.1
- II. **Baseline Corneal Tomographic Parameters For Predicting Progression Of Keratoconus**
Özalp O., Karaath M., Yıldırım N., Atalay E.
42. ESCRS Congress, Barcelona, Spain, 6 - 10 September 2024
- III. **A Different Amniotic Membrane Transplantation Technique In Necrotizing Stromal Keratitis**
Savğa V., Özalp O., Atalay E.
42. ESCRS Congress, Barcelona, Spain, 6 - 10 September 2024
- IV. **Prevalence Of Refractive Errors Among Medical And Health Sciences Faculty Students**
Atalay E., Eryılmaz F., Özaslan M. K., Özalp O.
42. ESCRS Congress, Barcelona, Spain, 6 - 10 September 2024
- V. **Ocular Surface Reconstruction With Amniotic Membrane Transplantation For Lyme Keratitis Associated Symblepharon**
Atay Dinçer K., Özalp O., Yıldırım N.
42. ESCRS Congress, Barcelona, Spain, 6 - 10 September 2024
- VI. **The Effect Of Artificial Tears Containing Sodium Hyaluronate On Corneal Temperature**
Çidem B., Atalay E., Eroğlu S., Özalp O.
42. ESCRS Congress, Barcelona, Spain, 6 - 10 September 2024
- VII. **Eye rubbing-induced changes in keratometric, pachymetric, and corneal biomechanics parameters among healthy subjects**
Yalçın M., Atalay E., Özalp O.
ICMS – International Congress of Medical Sciences, Sofija, Bulgaria, 25 April - 28 May 2024, pp.1
- VIII. **Prediction of keratoconus progression using convolutional neural network algorithm**
Karaman B. B., Özer T. C., Çalışkan M. E., Özalp O., Atalay E.
ICMS – International Congress of Medical Sciences, Sofija, Bulgaria, 25 - 28 April 2024, pp.1
- IX. **İnce Kornealı Keratokonus Olgularında Korneal Çapraz Bağlama Tedavilerinin Sonuçları**
Güney B., Özalp O., Yıldırım N.
TOD 57. Ulusal Kongre, Antalya, Turkey, 8 - 12 November 2023, pp.474
- X. **Korneal Tomografi ile Keratokonusun Prognozunu Değerlendiren Yapay Zeka Tabanlı Bir Modelin Geliştirilmesi**
Karaath M., Özalp O., Durmaz Çelik F. N., Yıldırım N.
TOD 57. Ulusal Kongre, Antalya, Turkey, 8 - 12 November 2023, pp.778
- XI. **Korneal Tomografi ile Keratokonusun Prognozunu Değerlendiren Yapay Zeka Tabanlı Bir Modelin Geliştirilmesi**
Atay K., Özalp O., Bilgeç M. D., Erol N.
TOD 57. Ulusal Kongre, Antalya, Turkey, 8 - 12 November 2023, pp.252
- XII. **tekniklerinin sonuçları**
Nale S. M., Özalp O., Yıldırım N.
TOD 57. Ulusal Kongre, Antalya, Turkey, 8 - 12 November 2023, pp.467
- XIII. **Korneal Tomografi ile Keratokonusun Prognozunu Değerlendiren Yapay Zeka Tabanlı Bir Modelin Geliştirilmesi**
Savğa V., Özalp O., Özler Z. S., Atalay E.
TOD 57. Ulusal Kongre, Antalya, Turkey, 8 - 12 November 2023, pp.444
- XIV. **Effect of melatonin-induced exosomes on proregenerative and antifibrotic pathways involved in corneal scarring**
B. A. T., M. N. S., Eker Sarıboyacı A., Özalp O., Atalay E.
26th EVER CONGRESS, Valencia, Spain, 26 - 28 October 2023
- XV. **Association between functional parameter and structural, and vascular parameters in advanced glaucoma**
ÖZALP O., ATAY K., ÖZER T. C., BİLGEÇ M. D., ATALAY E.
26th EVER CONGRESS, VALENSIYA, Spain, 26 - 28 October 2023
- XVI. **Comparison of waveform-derived ORA parameters in clinical keratoconus, subclinical keratoconus and healthy subjects**
ATAY K., ÖZALP O., ATALAY E.
26th EVER CONGRESS, VALENSIYA, Spain, 26 - 28 October 2023

- XVII. **Investigation of genes and miRNAs associated with scarless healing in orbital adipose-derived and limbal-derived mesenchymal stem cells treated with Vitamin C**
ATALAY E., EYUBOVA S., M. N. S., B. A. T., ÖZALP O., EKER SARIBOYACI A.
26th EVER CONGRESS, VALENSIYA, Spain, 26 - 28 October 2023
- XVIII. **Comparison of corneal epithelial and stromal thickness and its distribution in keratoconus, ectasia susceptibility and healthy controls**
Ceylan S., Çalışkan M. E., Özalp O., Atalay E.
2023 International Student Congress Of (bio)Medical Sciences, Groningen, Netherlands, 5 - 08 June 2023, pp.130
- XIX. **Treatment of Neovascular Glaucoma with Transscleral Diod Laser Cyclophotocoagulation Alone Versus Combination of Intravitreal Bevacizumab and Transscleral Diod Laser Cyclophotocoagulation**
ŞİMŞEK T., YAŞAR M., ATALAY E., ÖZALP O., YILDIRIM N.
14th EGS Congress, 12 - 13 December 2020
- XX. **Evaluation of the Hypertensive Phase After Ahmed Glaucoma Valve Implantation**
YILDIRIM N., İLGÜY S., ÖZALP O., ŞİMŞEK T., ATALAY E.
14th EGS Congress, 12 - 13 December 2020
- XXI. **Toplumun kornea bağıışı ve nakli konusunda bilgisinin, farkındalık düzeyinin ve bakış açısının değerlendirilmesi: Anket çalışması**
ÖZALP O., ATALAY E.
TOD 41. Kış Sempozyumu, Antalya, Turkey, 24 - 26 January 2020
- XXII. **Vazoproliferatif tümör gelişen multipl skleroz olgusunda krioterapi komplikasyonu olarak üveitik glokom gelişmesi**
ÖZALP O., ATALAY E., BİLGEÇ M. D., EROL N., YILDIRIM N.
TOD 53. Ulusal Kongresi, Antalya, Turkey, 6 - 10 November 2019
- XXIII. **Forme Fruste Keratokonus ve Sağlıklı Olguların Korneal Elevasyon Harita Morfolojilerinin Karşılaştırılması**
ÖZALP O., ATALAY E., YILDIRIM N.
TOD 53. Ulusal Kongresi, Turkey, 6 - 10 November 2019
- XXIV. **Forme Fruste Keratokonus Olgularının Tespitinde Korneal Topografik ve Biyomekanik Özelliklerin Kombine Kullanımına Dayalı Yeni Bir İstatistiksel Model Oluşturulması**
ÖZALP O., ATALAY E., YILDIRIM N.
TOD 53. Ulusal Kongresi, Turkey, 6 - 10 November 2019
- XXV. **The results of Ex-PRESS mini glaucoma shunt and Ahmed glaucoma valve in post-penetrating keratoplasty glaucoma**
ÖZALP O., Köktaş Z., ATALAY E., YILDIRIM N.
10th Eucornea Congress Paris 2019, Paris, France, 13 - 14 September 2019
- XXVI. **Microbial contamination and influencing factors in corneal donor conjunctiva swab culture**
ÖZALP O., EROL M. A., ATALAY E., ŞİMŞEK T., YILDIRIM N.
10th Eucornea Congress Paris 2019, Paris, France, 13 - 14 September 2019
- XXVII. **The outcome of limbal stem cell transplantations in patients with limbal stem cell deficiency**
ATALAY E., YILDIRIM N., ÖZALP O.
10th Eucornea Congress Paris 2019, Paris, France, 13 - 14 September 2019
- XXVIII. **The outcome of trabeculectomy in patients with end stage primary open angle glaucoma**
ŞİMŞEK T., ÖZALP O., YILDIRIM N.
8th World Glaucoma Congress, 27 - 30 March 2019
- XXIX. **Ahmed Glokom Valve Sonrası Hipertansif Faz Gelisimi ve Özellikleri.**
İLGÜY S., ÖZALP O., ATALAY E., ŞİMŞEK T., YILDIRIM N.
TOD 52. Ulusal Kongresi Antalya, Turkey, 13 - 17 November 2018
- XXX. **Normal gözlerde sıkma testi sonrası ortaya çıkan korneal topografik değişimlerin incelenmesi**
ATALAY E., YILDIRIM N., CAN F., Köktaş Z., ÖZALP O.
TOD 52. Ulusal Kongresi Antalya 2018, Antalya, Turkey, 13 - 18 November 2018
- XXXI. **Keratokonusta farklı göz içi basınç ölçüm yöntemlerinin karşılaştırılması**

- SÖZER Ö., İLGÜY S., ÖZALP O., ATALAY E., YILDIRIM N.
TOD 52. Ulusal Kongresi, Antalya, Turkey, 13 - 18 November 2018
- XXXII. **EVALUATION OF MICROBIAL KERATITIS AFTER PENETRATING KERATOPLASTY**
ÖZALP O., Köktaş Z., ATALAY E., YILDIRIM N.
9th Eucornea Congress Vienna 2018, 21 - 22 September 2018
- XXXIII. **The effect of forced eyelid closure on corneal topography in healthy subjects**
ATALAY E., Can F., Köktaş Z., ÖZALP O., YILDIRIM N.
9th Eucornea Congress Vienna 2018, 21 - 22 September 2018
- XXXIV. **Evaluation of Factors Affecting Graft Success in Keratoplasty**
Köktaş Z., Önal Ö., ÖZALP O., ATALAY E., YILDIRIM N.
9th Eucornea Congress Vienna 2018, 21 - 22 September 2018
- XXXV. **Vorikanozol ile tedavi edilen Scedesporium opiospermum keratiti**
ÖZALP O., YILDIRIM N., ÖZ Y., ŞAHİN A., yıldız m.
TOD 51. Ulusal Kongresi, Turkey, 24 - 29 October 2017
- XXXVI. **Long-Term outcome of patients with glaucoma secondary to blunt and penetrating ocular trauma.**
YILDIRIM N., ŞİMŞEK T., ÖZALP O.
World Glaucoma Congress, 28 June - 01 July 2017

Supported Projects

Atalay E., Özalp O., Project Supported by Higher Education Institutions, Eskişehir Osmangazi Üniversitesi (ESOGÜ) öğrencilerinde ve ESOĞÜ'de görevli genç (30 yaş ve altı) öğretim üyelerinde keratokonus sıklığının araştırılması, 2019 - 2020

Peer Reviews in Scientific Publications

SCIENTIFIC REPORTS, SCI Journal, March 2025
Turkish Journal of Ophthalmology, Journal Indexed in ESCI, January 2025
Turkish Journal of Ophthalmology, Journal Indexed in ESCI, August 2024
OCULAR IMMUNOLOGY AND INFLAMMATION, SCI Journal, July 2024
EYE AND VISION, SCI Journal, July 2024
NEURO-OPHTHALMOLOGY, Journal Indexed in ESCI, June 2024
EYE, Journal Indexed in SCI-E, May 2024
INTERNATIONAL OPHTHALMOLOGY, Journal Indexed in SCI-E, March 2024
HELIYON, Journal Indexed in SCI-E, January 2024
Osmangazi Tıp Dergisi, National Scientific Refreed Journal, November 2023
JOURNAL OF CLINICAL MEDICINE, Journal Indexed in SCI-E, November 2023
FRONTIERS IN MEDICINE, Journal Indexed in SCI-E, October 2023
CLINICAL AND EXPERIMENTAL OPTOMETRY, Journal Indexed in SCI-E, October 2023
THERAPEUTIC ADVANCES IN OPHTHALMOLOGY, Journal Indexed in ESCI, September 2023
CURRENT EYE RESEARCH, Journal Indexed in SCI-E, September 2023
INTERNATIONAL JOURNAL OF OPHTHALMOLOGY, Journal Indexed in SCI-E, June 2023
Digital Health, Journal Indexed in SCI-E, May 2023
BMJ Open Ophthalmology, Journal Indexed in ESCI, April 2023

Metrics

Publication: 64

Citation (WoS): 73

Citation (Scopus): 133

H-Index (WoS): 5

H-Index (Scopus): 7

Awards

Özalp O., Atalay E., Alataş İ. Ö., Küskü Kiraz Z., Yıldırım N., 'Assessment of Phosphate and Osmolarity Levels in Chronically Administered Eye Drops' adlı çalışmayla en iyi makale üçüncülük ödülü, Türk Oftalmoloji Derneği, December 2020

Özalp O., Atalay E., Yıldırım N., "Altı Bacaklı Böcek Görünümlü Herpetik Keratit Olgusu: Keratohegzapoda" en iyi tıbbi fotoğraf ikincilik ödülü, Türk Oftalmoloji Derneği , November 2020

Non Academic Experience

ÖZEL GÜRLİFE HOSPİTAL HASTANESİ, Göz Hastalıkları Uzmanı

SAĞLIK BAKANLIĞI DEVREK DEVLET HASTANESİ, Göz Hastalıkları Uzmanı

SAĞLIK BAKANLIĞI KÜTAHYA EVLİYA ÇELEBİ EĞİTİM VE ARAŞTIRMA HASTANESİ, Hekim-Pratisyen