

# ALİ RIZA CENK ÇELEBİ

## PROF.

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### International Researcher IDs

ScholarID: xcnwAmIAAAAJ

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ScopusID: 55960343600

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### Learning Knowledge

Doctorate 2019 - Continues	Acibadem Mehmet Ali Aydınlar University, Graduate School Of Health Sciences, Department Of Medical Biotechnology, Turkey
Doctorate 2019 - 2022	Istanbul Medeniyet University, Biological Data Science, Biological Data Science, Turkey
Associate Degree 2020 - 2021	Ataturk University, Açıköğretim Fakültesi, Bilgisayar Programcılığı, Turkey
Post Doctorate of Medicine 2016 - 2016	Harvard University, School of Medicine, Massachusetts Eye & Ear Infirmary, United States Of America
Expertise In Medicine 2005 - 2010	Hacettepe University, Tıp Fakültesi (İngilizce), Cerrahi Tıp Bilimleri Bölümü, Turkey
Undergraduate 1999 - 2005	Hacettepe University, Tıp Fakültesi (Türkçe), Tıp Fakültesi, Turkey

### Foreign Languages

German, B1 Intermediate

English, C2 Mastery

### Certificates, Courses and Trainings

IT, Elements of Artificial Intelligence, University of Helsinki, 2021

IT, Artificial Intelligence: Implications for Business Strategy, Massachusetts Institute of Technology, 2020

## Dissertations

- Postgraduate, KURU GÖZ SENDROMUNA PROGRAMLAMA TEMELLİ TANISAL SEÇENEK: GERÇEK ZAMANLI OTOMATİK GÖZ KIRPMA SAYACI, Istanbul Medeniyet University, Sağlık Bilimleri Enstitüsü, Biyolojik Veri Bilimi, 2022
- Expertise In Medicine, Evaluation of the "Hedgehog" Signaling Pathways (Shh, Ptch-1, Gli-1 Levels) in squamous and basal cell carcinomas of the Eyelids and conjunctiva, Hacettepe University, Tıp Fakültesi (İngilizce), Cerrahi Tıp Bilimleri Bölümü, 2010
- Expertise In Medicine, Yassı hücreli kanser ve bazal hücreli kanserlerde 'Hedgehog' sinyal yolu : Shh, Ptch-1, Gli-1 düzeylerinin değerlendirilmesi, Hacettepe University, 2010

## Academic Titles / Tasks

Professor 2023 - Continues	Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Surgical Sciences
Professor 2017 - Continues	Acibadem Mehmet Ali Aydınlar University, Vocational School Of Health Services, Opticianry
Associate Professor 2017 - 2022	Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Surgical Sciences
Assistant Professor 2014 - 2017	Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Surgical Sciences

## Supported Projects

- Hasirci V. N., Hasirci N., Yücel D., Çelebi A. R. C., Arslantunali Şahin D., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), 3B Basımla Üretilen Yapay Korneanın In Vivo Uygulanması ve Translasyonu, 2022 - 2024
- ÇELEBİ A. R. C., Project Supported by Higher Education Institutions, Keratokonus Etyopatogenezinde Oküler Mikrobiyotanın Rolünün Araştırılması, 2021 - 2022

## Awards

- Çelebi A. R. C., Etki Faktörü En yüksek 2. Çalışma Ödülü, Türk Oftalmoloji Derneği, May 2022
- Çelebi A. R. C., Loyal Membership Award, Royal College Of Surgeons Of Edinburgh, April 2022
- Çelebi A. R. C., En başarılı Sunum, Egyptian Society Of Ophthalmology Continuous Ophthalmic Education Committee, February 2022
- Çelebi A. R. C., SÖZLÜ BİLDİRİ ALANINDA 2.LİK ÖDÜLÜ, Uluslararası Yapay Zeka Kongresi, February 2021
- Çelebi A. R. C., SOE KONFERANÇISI ÖDÜLÜ, Türk Oftalmoloji Derneği, November 2019
- Çelebi A. R. C., ÖDÜL BERATI, Acibadem Üniversitesi, September 2018
- Çelebi A. R. C., ADVANCED ICO EXAM CERTIFICATION, International Council Of Ophthalmology, September 2017
- Çelebi A. R. C., TÜRK OFTALMOLOJİ YETERLİLİK BELGESİ, Türk Oftalmoloji Derneği, November 2016
- Çelebi A. R. C., EU DIPLOMA IN OPHTHALMOLOGIA, Consilium Europeum Ophthalmologiae, May 2015
- Çelebi A. R. C., USMLE CERTIFICATION, Ecfmg, September 2014

## Published journal articles indexed by SCI, SSCI, and AHCI

- 1. The efficacy of different anti-vascular endothelial growth factor agents, and dexamethasone implant therapy in patients with serous retinal detachment caused by Irvine-Gass syndrome**  
Karasu B., Kesim E., ÇELEBİ A. R. C.  
EUROPEAN JOURNAL OF OPHTHALMOLOGY, vol.34, no.2, pp.510-523, 2024 (SCI-Expanded)
- 2. The Short-Term Effect of 1% Tropicamide Drop on Pupillary Diameter and Intraocular Pressure Change in Patients With Pseudoexfoliation Material**  
URAL FATİHOĞLU Ö., Vural E., ÇELEBİ A. R. C.  
JOURNAL OF GLAUCOMA, vol.33, no.3, pp.206-210, 2024 (SCI-Expanded)
- 3. Timolol-loaded ethosomes for ophthalmic delivery: Reduction of high intraocular pressure in vivo**  
Uner B., Ozdemir S., Pilevne S. N., ÇELEBİ A. R. C.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.640, 2023 (SCI-Expanded)
- 4. Corneal bacterial microbiome in patients with keratoconus using next-generation sequencing-based 16S rRNA gene analysis**  
Tunc U., ÇELEBİ A. R. C., Ekren B. Y., Yildirim Y., Yildiz B. K., ÖKTEM OKULLU S., SEZERMAN O. U.  
EXPERIMENTAL EYE RESEARCH, vol.228, 2023 (SCI-Expanded)
- 5. Assessment of risk factors on eye dryness in young adults using visual display device in both contact lens wearers and non-wearers**  
Altınbas E., Elibol A., Firatlı G., Ayhan C., ÇELEBİ A. R. C.  
INTERNATIONAL OPHTHALMOLOGY, vol.43, no.2, pp.441-450, 2023 (SCI-Expanded)
- 6. Physiology of Lacrimal Drainage**  
ÇELEBİ A. R. C., Celebi O. O.  
NASAL PHYSIOLOGY AND PATHOPHYSIOLOGY OF NASAL DISORDERS, 2 EDITION, pp.185-192, 2023 (SCI-Expanded)
- 7. The efficacy of different anti-vascular endothelial growth factor agents and prognostic biomarkers in monitoring of the treatment for myopic choroidal neovascularization**  
Karasu B., ÇELEBİ A. R. C.  
INTERNATIONAL OPHTHALMOLOGY, vol.42, no.9, pp.2729-2740, 2022 (SCI-Expanded)
- 8. Predictive value of ectopic inner foveal layer without internal limiting membrane peeling for idiopathic epiretinal membrane surgery**  
Karasu B., ÇELEBİ A. R. C.  
INTERNATIONAL OPHTHALMOLOGY, vol.42, no.6, pp.1885-1896, 2022 (SCI-Expanded)
- 9. Evaluation of choroidal thickness in light-coloured eyes**  
Vural E., Hazar L., Caglayan M., ÇELEBİ A. R. C.  
EUROPEAN JOURNAL OF OPHTHALMOLOGY, vol.32, no.3, pp.1636-1641, 2022 (SCI-Expanded)
- 10. Artificial intelligence based detection of age-related macular degeneration using optical coherence tomography with unique image preprocessing.**  
Celebi A. R. C., Bulut E., Sezer A.  
European journal of ophthalmology, 2022 (SCI-Expanded)
- 11. Subthreshold Photocoagulation, Laser Endpoint Management Based on Optical Coherence Tomography Angiography in Cases of Diabetic Macular Edema Refractory to Anti-VEGF.**  
Karasu B., Akbas Y. B., Aykut A., Çelebi A. R. C.  
Klinische Monatsblätter für Augenheilkunde, 2022 (SCI-Expanded)
- 12. Long term results of three anti-vascular endothelial growth factor agents in pachychoroid neovasculopathy**  
Karasu B., Akbas Y. B., KAŞKAL M., Aykut A., ÇELEBİ A. R. C.  
CUTANEOUS AND OCULAR TOXICOLOGY, vol.41, no.2, pp.145-154, 2022 (SCI-Expanded)
- 13. Comparison of retinochoroidal vascular and structural changes after half-dose photodynamic therapy versus half-fluence photodynamic therapy based on optical coherence tomography angiography in eyes with chronic central serous chorioretinopathy.**  
Karasu B., Akbas Y. B., Aykut A., Celebi A. R. C.

Ophthalmologica. Journal international d'ophtalmologie. International journal of ophthalmology. Zeitschrift fur Augenheilkunde, 2022 (SCI-Expanded)

14. **Efficacy of topical dexamethasone eye drops in preventing ocular inflammation and cystoid macular edema following uncomplicated cataract surgery with or without injection of a single dose perioperative subtenon triamcinolone acetate**  
Karasu B., Kesim E., KAŞKAL M., ÇELEBİ A. R. C.  
CUTANEOUS AND OCULAR TOXICOLOGY, vol.41, no.4, pp.310-317, 2022 (SCI-Expanded)
15. **Clinical Performance of Samfilcon A Contact Lenses in Intensive Digital Device Users: A Multicenter, Prospective Clinical Study**  
Ucakhan O. O., Tasindi E., Toker E., Ciftci F., Kurna S. A., Acar M., Ozcelik F., Celebi A. R. C., Yildiz H. E., Akova Y. A., et al.  
OPHTHALMOLOGY AND THERAPY, vol.10, no.4, pp.957-972, 2021 (SCI-Expanded)
16. **Choroidal vascularity index: an enhanced depth optical coherence tomography-based parameter to determine vascular status in patients with proliferative and non-proliferative macular telangiectasia**  
Karasu B., ÇELEBİ A. R. C.  
INTERNATIONAL OPHTHALMOLOGY, vol.41, pp.3505-3513, 2021 (SCI-Expanded)
17. **The effect of topical ocular moxifloxacin on conjunctival and nasal mucosal flora**  
ÇELEBİ A. R. C., Celebi O. O.  
SCIENTIFIC REPORTS, vol.11, no.1, 2021 (SCI-Expanded)
18. **Analysis of trending topics in glaucoma articles from an altmetric perspective**  
Bulut E., ÇELEBİ A. R. C., DOKUR M., Dayi O.  
INTERNATIONAL OPHTHALMOLOGY, vol.41, pp.2125-2137, 2021 (SCI-Expanded)
19. **An efficacy comparison of combination of different anti-vascular endothelial growth factors and photodynamic therapy in patients with pachychoroid neovascularopathy**  
Karasu B., ÇELEBİ A. R. C.  
INTERNATIONAL OPHTHALMOLOGY, vol.41, no.6, pp.1989-2000, 2021 (SCI-Expanded)
20. **Structure-Function Mapping Using a Three-Dimensional Neuroretinal Rim Parameter Derived From Spectral Domain Optical Coherence Tomography Volume Scans**  
Celebi A. R. C., Park E. A., Vercellin A. C. V., Tsikata E., Lee R., Shieh E., Antar H., Freeman M., Zhang J., Que C., et al.  
TRANSLATIONAL VISION SCIENCE & TECHNOLOGY, vol.10, no.6, 2021 (SCI-Expanded)
21. **Peripapillary choroidal thickness in patients with vitamin D deficiency**  
Vural E., Hazar L., Caglayan M., Seker O., ÇELEBİ A. R. C.  
EUROPEAN JOURNAL OF OPHTHALMOLOGY, vol.31, no.2, pp.578-583, 2021 (SCI-Expanded)
22. **Three-Dimensional Neuroretinal Rim Thickness and Visual Fields in Glaucoma: A Broken Stick Model.**  
Liu W., McClurkin M., Tsikata E., Hui P., Elze T., Celebi A. R. C., Khoueir Z., Lee R., Shieh E., Simavli H., et al.  
Journal of glaucoma, vol.29, pp.952-963, 2020 (SCI-Expanded)
23. **Granulomatosis With Polyangiitis as an Uncommon Cause of Panhypopituitarism**  
Çelik Ö., Kalfa M., Çelebi A. R. C., Çabuk B., Ceylan S.  
JCR-JOURNAL OF CLINICAL RHEUMATOLOGY, vol.25, 2019 (SCI-Expanded)
24. **Evaluation of the effect of combined intravitreal ranibizumab injection and sub-tenon steroid injection in the treatment of resistant diabetic macular edema.**  
Eris E., Perente I., Vural E., Vural A., Seymen Z., Riza A., Celebi C., Erdogan G., Ozkaya A., Artunay O.  
International ophthalmology, vol.39, no.7, pp.1575-1580, 2019 (SCI-Expanded)
25. **Incidence, risk factors and severity of retinopathy of prematurity in Turkey (TR-ROP study): a prospective, multicentre study in 69 neonatal intensive care units.**  
BAŞ A. Y., DEMİREL N., KOÇ E., Isik D. U., HIRFANOĞLU İ. M., Tunc T., Sari F. N., Karatekin G., Koklu E., ALTUNHAN H., et al.  
The British journal of ophthalmology, vol.102, no.12, pp.1711-1716, 2018 (SCI-Expanded)
26. **The Effect of Topical Ocular Anesthetic Proparacaine on Conjunctival and Nasal Mucosal Flora in Dry Eye Disease Patients**  
Celebi O. O., ÇELEBİ A. R. C.

JOURNAL OF CLINICAL MEDICINE, vol.7, no.4, 2018 (SCI-Expanded)

27. **Age-related change in corneal biomechanical parameters in a healthy Caucasian population.**  
Çelebi A. R. C., Kilavuzoglu A. E., Altiparmak U. E., Yurteri C. B.  
Ophthalmic epidemiology, vol.25, pp.55-62, 2018 (SCI-Expanded)
28. **The effect of ocular lubricants containing benzalkonium chloride on nasal mucosal flora**  
Celebi O. O., ÇELEBİ A. R. C.  
CUTANEOUS AND OCULAR TOXICOLOGY, vol.37, no.3, pp.305-308, 2018 (SCI-Expanded)
29. **The effect of hemodialysis on intraocular pressure**  
Kilavuzoglu A. E., Yurteri G., Guven N., Marsap S., ÇELEBİ A. R. C., Cosar C. B.  
ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE, vol.27, no.1, pp.105-110, 2018 (SCI-Expanded)
30. **Comparison of 3d reformat computed tomography images using different softwares: do they have an incremental value in 3D imaging?**  
Sasani H., Kayhan A., Gokbay I. Z., Sasani M., Kose S., Gokce A., Karatas D., ÇELEBİ A. R. C., SARAÇOĞLU G. V.  
BIOMEDICAL RESEARCH-INDIA, vol.28, no.1, pp.379-384, 2017 (SCI-Expanded)
31. **The Effect of Smoking on Corneal Biomechanics.**  
Kilavuzoglu A. E., ÇELEBİ A. R. C., Altiparmak U. E., Cosar C. B.  
Current eye research, vol.42, no.1, pp.16-20, 2017 (SCI-Expanded)
32. **The role of anterior segment optical coherence tomography in the management of an intra-corneal foreign body.**  
ÇELEBİ A. R. C., Kilavuzoglu A. E., Altiparmak U. E., Cosar C. B., Ozkiris A.  
SpringerPlus, vol.5, pp.1559, 2016 (SCI-Expanded)
33. **Evaluation of the 'Hedgehog' signaling pathways in squamous and basal cell carcinomas of the eyelids and conjunctiva**  
ÇELEBİ A. R. C., KIRATLI H., Soylemezoglu F.  
ONCOLOGY LETTERS, vol.12, no.1, pp.467-472, 2016 (SCI-Expanded)
34. **Iris metastasis of gastric adenocarcinoma.**  
Çelebi A. R. C., Kilavuzoglu A. E., Altiparmak U. E., Cosar C. B., Ozkiris A.  
World journal of surgical oncology, vol.14, pp.71, 2016 (SCI-Expanded)
35. **Hyperbaric oxygen for the treatment of the rare combination of central retinal vein occlusion and cilioretinal artery occlusion.**  
ÇELEBİ A. R. C., Kilavuzoglu A. E., Altiparmak U. E., Cosar C. B., Ozkiris A.  
Diving and hyperbaric medicine, vol.46, no.1, pp.50-3, 2016 (SCI-Expanded)
36. **Differences in Central Corneal Thickness between Spectral Domain-Optical Coherence Tomography and Ultrasound Pachymetry in Patients with Dry Eye Disease**  
ÇELEBİ A. R. C., Mirza G. E.  
JOURNAL OF OPHTHALMOLOGY, 2016 (SCI-Expanded)
37. **Corneal Biomechanical Properties in Aspirin Users.**  
ÇELEBİ A. R. C., Kilavuzoglu A. E., Altiparmak U. E., Cosar C. B.  
Ophthalmic research, vol.55, no.4, pp.199-204, 2016 (SCI-Expanded)
38. **Treatment of mixed astigmatism: early clinical outcomes with WaveLight and Technolas excimer lasers**  
Kilavuzoglu A. E., Gonen T., ÇELEBİ A. R. C., Cosar Yurteri C. B., Sener A. B.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.46, no.3, pp.664-672, 2016 (SCI-Expanded)
39. **Retinal tear: an unusual complication of ocular toxoplasmosis**  
ÇELEBİ A. R. C., Kilavuzoglu A. E., Altiparmak U. E., Cosar C. B., Ozkiris A.  
OPEN MEDICINE, vol.10, no.1, pp.555-559, 2015 (SCI-Expanded)
40. **The role of mast cells in vascularized recurrent pterygium**  
Celebi A. R. C., Ozbey C., Mirza G. E.  
ARQUIVOS BRASILEIROS DE OFTALMOLOGIA, vol.77, no.5, pp.285-287, 2014 (SCI-Expanded)
41. **The Incidence and Risk Factors of Severe Retinopathy of Prematurity in Extremely Low Birth Weight Infants in Turkey**

- Celebi A. R. C., Petricli I. S., Hekimoglu E., Demirel N., Bas A. Y.  
MEDICAL SCIENCE MONITOR, vol.20, pp.1647-1653, 2014 (SCI-Expanded)
42. **Merkezi Kornea Kalınlığının Değerlendirilmesinde Spektral Domain Optik Koherans Tomografinin ve Ultrasonik Pakimetrisinin Karşılaştırılması**  
ÇELEBİ A. R. C., MİRZA G. E.  
TURK OFTALMOLOJİ DERGİSİ-TURKISH JOURNAL OF OPHTHALMOLOGY, vol.44, pp.259-262, 2014 (SCI-Expanded)
43. **The relationship between age and the intraoperative complication rate during phacoemulsification surgery**  
Celebi A. R. C.  
AGING CLINICAL AND EXPERIMENTAL RESEARCH, vol.26, no.2, pp.177-181, 2014 (SCI-Expanded)
44. **The efficacy of autologous serum eye drops for severe dry eye syndrome: a randomized double-blind crossover study**  
Celebi A. R. C., Ulusoy C., Mirza G. E.  
GRAEFES ARCHIVE FOR CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY, vol.252, no.4, pp.619-626, 2014 (SCI-Expanded)
45. **Age-Related Change in Retinal Nerve Fiber Layer Thickness Measured With Spectral Domain Optical Coherence Tomography**  
Celebi A. R. C., Mirza G. E.  
INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol.54, no.13, pp.8095-8103, 2013 (SCI-Expanded)

#### Articles Published in Other Journals

1. **Autoimmune Disease-Related Dry Eye Diseases and Their Placement Under the Revised Classification Systems: An Update**  
Kiliccioglu A., Oncel D., ÇELEBİ A. R. C.  
CUREUS JOURNAL OF MEDICAL SCIENCE, no.12, 2023 (ESCI)
2. **Preparation and Characterization Studies of Dorzolamide-Loaded Ophthalmic Implants for Treating Glaucoma**  
Ozdemir S., ÇAKIRLI E., SÜRÜCÜ B., AYGÜLER C. İ., Uner B., ÇELEBİ A. R. C.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.20, no.3, pp.149-156, 2023 (ESCI)
3. **Generic Cyclosporine in the Treatment of Dry Eye Disease**  
Çelebi A. R. C.  
Acıbadem Üniversitesi Sağlık Bilimleri Dergisi, vol.13, no.2, pp.241-246, 2022 (Peer-Reviewed Journal)
4. **Generic Cyclosporine in the Treatment of Dry Eye Disease**  
Coşar C. B., Kılavuzoğlu A. E., Çelebi A. R. C., Altıparmak U. E.  
Acıbadem Üniversitesi Sağlık Bilimleri Dergisi, vol.13, no.2, pp.241-246, 2022 (Peer-Reviewed Journal)
5. **Evaluation of the Relationships between Obesity and Central Retinal Thickness, Retinal Nerve Fiber Layer, Intraocular Pressure, and Central Corneal Thickness in Children**  
Çelebi A. R. C.  
Acıbadem Üniversitesi Sağlık Bilimleri Dergisi, vol.13, no.1, pp.44-50, 2022 (Peer-Reviewed Journal)
6. **Alterations of Neuroretinal and Corneal Thickness in Hashimoto's Thyroiditis**  
Çelebi A. R. C.  
Acıbadem Üniversitesi Sağlık Bilimleri Dergisi, vol.13, no.2, pp.234-240, 2022 (Peer-Reviewed Journal)
7. **Potential role of ocular surface microbiota in keratoconus etiopathogenesis**  
Tunc U., Yildirim Y., ÇELEBİ A. R. C., Yıldız B. K.  
EXPERT REVIEW OF OPHTHALMOLOGY, vol.16, no.5, pp.333-341, 2021 (Peer-Reviewed Journal)
8. **Hyperbaric Oxygen Therapy for Central Retinal Artery Occlusion: Patient Selection and Perspectives**  
ÇELEBİ A. R. C.  
CLINICAL OPHTHALMOLOGY, vol.15, pp.3443-3457, 2021 (Peer-Reviewed Journal)
9. **Diyabetik Retinopatiye Farklı Makine Öğrenmesi Tekniklerinin Kullanımı ile Tanı Koymadaki**

## **Doğruluk Ölçütlerinin Karşılaştırılması**

ÇELEBİ A. R. C., BEKTAŞ B., ANKARALI H., YEŞİL Y., Yüksel C., Karasu B., Özgür Ö., Tunç U.

İzmir Tepecik Eğitim ve Araştırma Hastanesi Dergisi, vol.30, pp.64-66, 2020 (Peer-Reviewed Journal)

10. **Comparison of success between external and endonasal dacryocystorhinostomy in primary acquired nasolacrimal duct obstruction in Turkish cohort**  
Karasu B., Kiray G., Eris E., Perente I., ÇELEBİ A. R. C.  
NORTHERN CLINICS OF ISTANBUL, vol.7, no.6, pp.579-584, 2020 (Peer-Reviewed Journal)
11. **Intraocular pressure based on dynamic bidirectional applanation and air-puff tonometry: A comparative study**  
Kılavuzoğlu A. E., Coşar C. B., Çelebi A. R. C., Al Parmak U. E.  
Journal of Current Glaucoma Practice, vol.13, pp.68-73, 2019 (Scopus)
12. **HandyRef-K: Comparison of the Latest Handheld AutoRefracto-keratometer with Retinomax and Plusoptix in Patients Younger than Three Years of Age**  
Seymen Z., Vural E., Eriş E., VURAL A., Ögreden T., Aslan Ö., ÇELEBİ A. R. C., Perente I.  
Beyoğlu Eye Journal, vol.4, no.1, pp.32-37, 2019 (Peer-Reviewed Journal)
13. **Knowledge and Awareness of Glaucoma in Subjects with Glaucoma and their Normal First-Degree Relatives**  
ÇELEBİ A. R. C.  
Medical Hypothesis, Discovery and Innovation in Ophthalmology, vol.7, pp.40-47, 2018 (Peer-Reviewed Journal)
14. **Corneal Thickness and Topography Indices after Collagen Cross-linking for Keratoconus: 18 Months Follow-up and Literature Review**  
KILAVUZOĞLU A. E., ÇELEBİ A. R. C., COŞAR YURTERİ C. B., Şener b.  
Acıbadem Üniversitesi Sağlık bilimleri Dergisi, vol.9, pp.43-51, 2018 (Peer-Reviewed Journal)
15. **Corneal Thickness and Topography Indices after Collagen Cross-linking for Keratoconus: 18 Months Follow-up**  
Kılavuzoğlu A. E., Çelebi A. R. C., Coşar C. B., Şener A. B.  
Acıbadem Sağlık Bilimleri Dergisi, vol.1, pp.1-9, 2018 (Peer-Reviewed Journal)
16. **Isolated Oculomotor Nerve Palsy During Herpes Zoster Infection: Case Report**  
ÇELEBİ A. R. C., KAYA Y., KILAVUZOĞLU A. E., ALTIPARMAK U. E., COŞAR YURTERİ C. B., ÖZKIRIŞ A.  
Türkiye Klinikleri Journal of Ophthalmology, vol.26, pp.65-70, 2017 (Peer-Reviewed Journal)
17. **Ailesinde Glokom Hastalığı Olan Sağlıklı Bireylerde Retina Sinir Lifi Tabakası ve Ganglion Hücre Tabakası Kalınlıklarının Analizi**  
Çelebi A. R. C., Kılavuzoğlu A. E., Coşar C. B., Altıparmak U. E., Özkırış A.  
Nobel Medicus, vol.12, no.1, pp.14-19, 2016 (Peer-Reviewed Journal)
18. **ANALYSIS OF RETINAL NERVE FIBER LAYER AND GANGLION CELL LAYER THICKNESSES IN HEALTHY INDIVIDUALS WITH FAMILY HISTORY OF GLAUCOMA DISEASE**  
ÇELEBİ A. R. C., Kılavuzoglu A. E., Cosar C. B., Altıparmak U. E., Ozkiris A.  
NOBEL MEDICUS, vol.12, no.1, pp.14-19, 2016 (Peer-Reviewed Journal)
19. **Herpes Zoster enfeksiyonu sırasında gelişen izole okülomotor sinir felci**  
ÇELEBİ A. R. C., KAYA Y., KILAVUZOĞLU A. E., ALTIPARMAK U. E., COŞAR YURTERİ C. B., ÖZKIRIŞ A.  
Türkiye Klinikleri Oftalmoloji Dergisi, 2016 (Peer-Reviewed Journal)
20. **Long term follow up after corneal collagen cross linking in keratoconus**  
KILAVUZOĞLU A. E., ÇELEBİ A. R. C., COŞAR YURTERİ C. B., ŞENER A. B.  
Journal of Clinical and Experimental Investigations, vol.6, no.4, pp.343-350, 2015 (Peer-Reviewed Journal)
21. **Long-term follow-up results of corneal collagen cross-linking in keratoconus**  
KILAVUZOĞLU A. E., ÇELEBİ A. R. C., COŞAR YURTERİ C. B., Şener A. B.  
Journal of Clinical and Experimental Investigations, vol.6, pp.343-350, 2015 (Peer-Reviewed Journal)
22. **Hyperbaric Oxygen Therapy in Branch Retinal Artery Occlusion in a 15-Year-Old Boy with Methylenetetrahydrofolate Reductase Mutation**  
ÇELEBİ A. R. C., KADAYIFÇILAR S., Eldem B.  
CASE REPORTS IN OPHTHALMOLOGICAL MEDICINE, 2015 (Peer-Reviewed Journal)

23. **Differentiation of true anophthalmia from clinical anophthalmia using neuroradiological imaging**  
ÇELEBİ A. R. C., Sasani H.  
World Journal of Radiology, vol.6, pp.515-518, 2014 (Peer-Reviewed Journal)
24. **Herpes Zoster Oftalmikus Sonrası Gelişen Horner Sendromu**  
BAKBAK B., ÇELEBİ A. R. C., Şener E. C.  
TURKISH JOURNAL OF NEUROLOGY, vol.15, pp.82-84, 2009 (Peer-Reviewed Journal)

## Books & Book Chapters

1. **Ön Segment Anatomisi ve Aköz Humoristique Hemodinamiği**  
Çelebi A. R. C.  
in: Glokom Atlası, Ilgaz Yalvaç, Editor, Todaie Yayınları, İstanbul, pp.1-16, 2022
2. **Oftalmolojide Görüntüleme ve Uygulamalar**  
Çelebi A. R. C. (Editor)  
CRC, New York, İstanbul, 2020
3. **Glokom Tanımı Tipleri ve Sınıflandırmaları**  
Çelebi A. R. C.  
in: Glokom Temel Kavramlar ve Yenilikler, Özcan Ocakoğlu, Atilla Bayer, Ufuk Elgin, Editor, Todaie Yayınları, İstanbul, pp.1-21, 2020
4. **İntraoküler İnflamasyon ve Üveit**  
ŞENEL A., AKDEMİR M. O., EĞRİLMEZ S., MORAY M., ALTIPARMAK U. E., GÖNEN T., ÇELEBİ A. R. C., KAVUNCU S., COŞAR YURTERİ C. B., KILAVUZOĞLU A. E., et al.  
in: Oftalmoloji Gözden Geçirme Kılavuzu, BANU COŞAR, Editor, ATLAS YAYINEVİ, İstanbul, pp.155-179, 2016
5. **Physiology of Lacrimal Drainage**  
ÇELEBİ A. R. C., ÖNERCİ T. M.  
in: Nasal Physiology and Pathophysiology of Nasal Disorders, T. Metin Onerci, Editor, Springer Berlin Heidelberg, pp.217-224, 2013

## Refereed Congress / Symposium Publications in Proceedings

1. **KANSER TANISI OLAN VE OLMAYAN DİYABETİK OLGULARDA MAKÜLANIN OPTİK KOHERENS TOMOGRAFISI İLE DEĞERLENDİRİLMESİ**  
Şahinoğlu Y. Z., Okuturlar Y., Çelebi A. R. C., Ozer L., Okuturlar Ö., Bozkurt M., Çelik Ö.  
İSTANBUL MEDENİYET ÜNİVERSİTESİ ENDOKRİNOLOJİ GÜNLERİ, İstanbul, Turkey, 2 - 03 December 2022, pp.24-25
2. **Corneal Bacterial Microbiome In Patients With Keratoconus Using Next-Generation Sequencing-Based 16S Gene Analysis**  
TUNÇ U., ÇELEBİ A. R. C., YILDIRIM Y., Kepez Yıldız B., SEZERMAN O. U., ÖKTEM OKULLU S., Ekren B., Karakuş S.  
The 40th Congress of the ESCRS, Milan, Italy, 06 September 2022
3. **İleri Biyoinformatik Analiz Yöntemleri Kullanılarak Keratokonus Hastaları ile Sağlıklı Olgular Arasında Oküler Yüzey Mikrobiyota Farklılığının Araştırılması**  
TUNÇ U., YILDIRIM Y., ÇELEBİ A. R. C., KEPEZ YILDIZ B., KIRGIZ A., ÖKTEM OKULLU S., Ekren B., Arslan A., SEZERMAN O. U.  
TOD. 55. Ulusal Kongresi, Antalya, Turkey, 03 November 2021
4. **DİYABETİK RETİNOPATİDE FARKLI MAKİNE ÖĞRENMESİ TEKNİKLERİNİN KULLANILARAK TANI KOYMADAKİ DOĞRULUK ÖLÇÜTLERİNİN KARŞILAŞTIRILMASI**  
Çelebi A. R. C., Ankaralı H., Bektaş B., Yeşil Y., Yüksel C., Karasu B., Özgür Ö., Tunç U.  
Uluslararası Sağlıkta Yapay Zeka Kongresi 2020, İzmir, Turkey, 16 - 18 January 2020, pp.64-66
5. **Diyabetik Retinopatide Farklı Makine Öğrenmesi Tekniklerinin Kullanımı ile Tani Koymadaki**



## **Doğruluk Olcutlerinin Karsilastirilmesi**

ÇELEBİ A. R. C., BEKTAŞ B., ANKARALI H., YEŞİL Y., Yüksel C., Karasu B., Özgür Ö., Tunç U.  
International AI in Health Congress 2020, İzmir, Turkey, 16 - 18 January 2020

6. **Clinical, biochemical and molecular delineation of non-classical mucopolysaccharidosis IVA in three sibilings previously diagnosed as Perthes disease**  
Yararbaş K., Abalı S., Ersoy M., Arslan Ş., Çelebi A. R. C., Alanay Y.  
The 14th Biennial International Skeletal Dysplasia Society Meeting, Oslo, Norway, 11 - 14 September 2019, pp.1
7. **BİLEŞİK HETEROZİGOT GALNS MUTASYONU İLE TANI ALAN KLASİK OLMAYAN MUKOPOLİSAKKARİDOZ TİP IVA**  
ABALI S., YARARBAŞ K., Ersoy Olbak M., Karabiyik N., İçten İ., ÇELEBİ A. R. C., ARSLAN Ş., ALANAY Y.  
3. EGE ENDOKRİN HASTALIKLAR VE GENETİK SEMPOZYUMU, Turkey, 8 - 09 March 2019
8. **Topikal Okuler Moksifloksasinin Nazal ve Konjonktival Flora Üzerine Etkisi**  
ÖNERCİ ÇELEBİ Ö., ÇELEBİ A. R. C.  
14. Rinoloji Kongresi, 6. Ulusal Otoloji Nörootoloji Kongresi, 2. Ulusal Baş Boyun Cerrahisi Kongresi, Antalya, Turkey, 28 April - 01 May 2018
9. **The Effect of Topical Ocular Anesthetic Proparacaine on Conjunctival and Nasal Mucosal Flora in Dry Eye Disease Patients**  
ÖNERCİ ÇELEBİ Ö., ÇELEBİ A. R. C.  
LONDON RHINOLOGY 2018, Londrina, Brazil, 22 - 26 April 2018
10. **Benzalkonyum Klorür İçeren Okuler Lubrikanların Nazal Flora Üzerine Etkileri**  
ÖNERCİ ÇELEBİ Ö., ÇELEBİ A. R. C.  
13. Uluslararası Kulak Burun Boğaz ve Baş Boyun Cerrahisi Kongresi, 5 - 07 April 2018
11. **Differences in Central Corneal Thickness between Spectral Domain-Optical Coherence Tomography and Ultrasound Pachymetry in Patients with Dry Eye Disease**  
ÇELEBİ A. R. C., MİRZA G. E.  
Türk Oftalmoloji Derneği 50. Ulusal Kongresi, Turkey, 9 - 13 November 2016
12. **The role of mast cells in vascularized recurrent pterygium**  
ÇELEBİ A. R. C., Özsoy C., MİRZA G. E.  
34th European Society of Cataract and Refractive Surgeons (ESCRS) Congress, 10 - 14 September 2016
13. **Age-related change in corneal biomechanical parameters in a healthy caucasian population**  
ÇELEBİ A. R. C., KILAVUZUĞLU A. E., ALTIPARMAK U. E., COŞAR YURTERİ C. B.  
34th European Society of Cataract and Refractive Surgeons (ESCRS) Congress, 10 - 14 September 2016
14. **Differences in Central Corneal Thickness according to measurement device in patients with severe dry eye disease**  
ÇELEBİ A. R. C., MİRZA G. E.  
20th European Society of Cataract and Refractive Surgeons (ESCRS) Winter Meeting, 26 - 28 February 2016
15. **A rare cause of recurrent subconjunctival haemorrhage: ocular vicarious menstruation**  
ÇELEBİ A. R. C., KILAVUZUĞLU A. E., ALTIPARMAK U. E., COŞAR YURTERİ C. B., ÖZKIRIŞ A.  
20th European Society of Cataract and Refractive Surgeons (ESCRS) Winter Meeting, 26 - 28 February 2016
16. **Hepatitis B, Hepatitis C and HIV seroprevalence among patients admitted for cataract surgery**  
ÇELEBİ A. R. C., MİRZA G. E.  
20th European Society of Cataract and Refractive Surgeons (ESCRS) Winter Meeting, 26 - 28 February 2016
17. **Isolated iris metastasis of gastric adenocarcinoma**  
ÇELEBİ A. R. C., KILAVUZUĞLU A. E., ALTIPARMAK U. E., COŞAR YURTERİ C. B., ÖZKIRIŞ A.  
20th European Society of Cataract and Refractive Surgeons (ESCRS) Winter Meeting, 26 - 28 February 2016
18. **The Role of Anterior Segment Optical Coherence Tomography in the Management of Intra-Corneal Foreign Body: Case Report**  
ÇELEBİ A. R. C., KILAVUZUĞLU A. E., ALTIPARMAK U. E., COŞAR YURTERİ C. B., ÖZKIRIŞ A.  
20th European Society of Cataract and Refractive Surgeons (ESCRS) Winter Meeting, 26 - 28 February 2016
19. **The efficacy of autologous serum eye drops for severe dry eye syndrome: a randomized double-blind crossover study.**

ÇELEBİ A. R. C., MİRZA G. E.

Türk Oftalmoloji Derneği 49. Ulusal Kongresi, Turkey, 4 - 08 November 2015

20. **The Effects of Oestrogen and Progesterone on Cornea in Different Periods of Women Life**  
Kılavuzoğlu A. E., Çelebi A. R. C., Altıparmak U. E., Coşar Yurteri C. B.  
Türk Oftalmoloji Derneği 49. Ulusal Kongresi, İstanbul, Turkey, 4 - 08 November 2015
21. **Herpes Zoster Enfeksiyonu Sırasında Gelişen İzole Okülomotor Sinir Felci.**  
ÇELEBİ A. R. C., KAYA Y., KILAVUZOĞLU A. E., ALTIPARMAK U. E., COŞAR YURTERİ C. B., ÖZKIRIŞ A.  
Türk Oftalmoloji Derneği 49. Ulusal Kongresi, Turkey, 4 - 08 November 2015
22. **Corneal Biomechanical Features in Aspirin Using Individuals**  
ÇELEBİ A. R. C., KILAVUZOĞLU A. E., ALTIPARMAK U. E., COŞAR YURTERİ C. B.  
33th ESCRS Congress, Barselona, Spain, 5 - 09 September 2015
23. **Influence of Refractive Errors on Corneal Viscoelasticity**  
Kılavuzoğlu A. E., Çelebi A. R. C., Altıparmak U. E., Coşar Yurteri C. B.  
33th ESCRS Congress, Barcelona, Spain, 5 - 09 September 2015
24. **The efficacy of autologous serum eye drops for severe dry eye syndrome a randomized double blind crossover study**  
ÇELEBİ A. R. C., Ulusoy C., MİRZA G. E.  
European Society of Ophthalmology, 6 - 09 June 2015
25. **Corneal Biomechanics in heavy smokers**  
Kılavuzoğlu A. E., Altıparmak U. E., Çelebi A. R. C., Coşar Yurteri C. B.  
19th European Society of Cataract and Refractive Surgeons (ESCRS) Winter Meeting, İstanbul, Turkey, 20 - 22 February 2015
26. **Ocular Toxoplasmosis and Retinal Tear Case Report**  
ÇELEBİ A. R. C., KILAVUZOĞLU A. E., COŞAR YURTERİ C. B., ALTIPARMAK U. E., ÖZKIRIŞ A., TUTKUN N. İ.  
Türk Oftalmoloji Derneği 48. Ulusal Toplantısı, Antalya, Turkey, 5 - 09 November 2014
27. **The Effect of Haemodialysis on Intraocular Pressure**  
KILAVUZOĞLU A. E., Yurteri G., ÇELEBİ A. R. C., COŞAR YURTERİ C. B., ÖZKIRIŞ A.  
Türk Oftalmoloji Derneği 48. Ulusal Kongresi, Turkey, 5 - 09 November 2014
28. **Comparison of Technolas217Z100 and Wavelight Allegretto Wave Eye Q400 Hz Excimer Laser Devices in Mix Astigmatism Treatment**  
KILAVUZOĞLU A. E., ÇELEBİ A. R. C., COŞAR YURTERİ C. B., Şener A. B.  
Türk Oftalmoloji Derneği 48. Ulusal Kongresi, Turkey, 5 - 09 November 2014
29. **Retinal Nerve Fiber Layer and Ganglion Cell Complex Thicknesses Analysis in Family History of Glaucoma**  
ÇELEBİ A. R. C., KILAVUZOĞLU A. E., COŞAR YURTERİ C. B., ALTIPARMAK U. E., ÖZKIRIŞ A.  
Türk Oftalmoloji Derneği 48. Ulusal Toplantısı, Antalya, Turkey, 5 - 09 November 2014
30. **Incidence of complication rates during phacoemulsification surgery a comparative study between different age groups**  
ÇELEBİ A. R. C.  
European Society of Ophthalmology, Kopenhag, Denmark, 8 - 11 June 2013
31. **Tick infestation on the lower eyelid a rare site of involvement of a tick species case report and review of the reported ticks**  
ÇELEBİ A. R. C., ORKUN Ö.  
European Society of Ophthalmology, Kopenhag, Denmark, 8 - 11 June 2013
32. **Comparison of central corneal thickness measurements between U S pachymetry and Cirrus SD OCT**  
ÇELEBİ A. R. C., MİRZA G. E.  
European Society of Ophthalmology, Kopenhag, Denmark, 8 - 11 June 2013
33. **Age Related Change in Retinal Nerve Fiber Layer Thickness Measured with SD OCT**  
ÇELEBİ A. R. C., MİRZA G. E.  
European Society of Ophthalmology, Kopenhag, Denmark, 8 - 11 June 2013
34. **Klinik Anoftalmili iki kardeşin klinik ve nöroradyolojik incelemesi Olgu serisi**

- ÇELEBİ A. R. C., CAN F., Şener E. C., TARHAN S.  
Türk Oftalmoloji Derneği 46. Ulusal Toplantısı, Turkey, 17 - 21 October 2012
35. **Unilateral Moebius Sendromu olan bir olguda nadir bir nöroradyolojik birliktelik Olgu Sunumu**  
ÇELEBİ A. R. C., CAN F., Şener E. C., TARHAN S.  
Türk Oftalmoloji Derneği 46. Ulusal Kongresi, Antalya, Turkey, 17 - 21 October 2012
36. **Evaluation of the Hedgehog Signaling Pathways Shh Ptch 1 Gli 1 Levels in squamous and basal cell carcinomas of the Eyelids and conjunctiva**  
KIRATLI H., ÇELEBİ A. R. C., SÖYLEMEZOĞLU A. F.  
International Society of Ocular Oncology, Buenos Aires, Argentina, 16 - 18 November 2011
37. **Correlation between Ruthenium 106 radioactive plaque applied uveal melanoma patients plasma Osteopontin Levels with Tumor Size and Metastasis**  
ÇELEBİ A. R. C., KIRATLI H.  
Türk Oftalmoloji Derneği 43. Ulusal Toplantısı, Antalya, Turkey, 11 - 15 November 2009
38. **Effect of Hyperbaric oxygen therapy in a retinal artery branch occlusion with a MTHFR mutated 15 year old patient**  
ÇELEBİ A. R. C., KADAYIFÇILAR S., ELDEM M. B.  
Türk Oftalmoloji Derneği 43. Ulusal Toplantısı, Turkey, 11 - 15 November 2009
39. **Current therapy for choroidal neovascularization in pathologic myopia photodynamic therapy and or intravitreal bevacizumab**  
KADAYIFÇILAR S., ÇELEBİ A. R. C., ELDEM M. B.  
European Society of Ophthalmology, Amsterdam, Netherlands, 15 - 17 October 2009
40. **Epiretinal Membranların OCT Özellikleri**  
ÇELEBİ A. R. C., KADAYIFÇILAR S., ELDEM M. B.  
Türk Oftalmoloji Derneği 41. Ulusal Toplantısı, Antalya, Turkey, 30 October - 02 November 2007
41. **Female Teachers Suffer From Low Back Pain A Local Example From Ankara Turkey**  
ASLAN D., Atilla S., Cengiz K., ÇELEBİ A. R. C., Çitil A., Çizginer S.  
IV International Congress in New Delhi 2005, 4 - 19 September 2005

## Academic and Administrative Experience

2019 - Continues	<b>Birim Stratejik Plan Komisyonu Üyesi</b>	Acibadem Mehmet Ali Aydınlar University, School Of Medicine
2019 - Continues	<b>Uyum Komisyonu Üyesi</b>	Acibadem Mehmet Ali Aydınlar University, School Of Medicine
2019 - Continues	<b>Fakülte Kurulu Üyesi</b>	Acibadem Mehmet Ali Aydınlar University, School Of Medicine
2019 - Continues	<b>Erasmus Program Department Coordinator</b>	Acibadem Mehmet Ali Aydınlar University, School Of Medicine
2017 - Continues	<b>Head of Department</b>	Acibadem Mehmet Ali Aydınlar University, Vocational School Of Health Services, Opticianry
2014 - Continues	<b>Program Koordinatörü</b>	Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Surgecal Sciences

## Courses

Artificial Intelligence Applications in Medicine, Undergraduate, 2022 - 2023

GÖZ ANATOMİSİ VE FİZYOLOJİSİ, Associate Degree, 2020 - 2021  
GÖZ HASTALIKLARI, Associate Degree, 2021 - 2022  
Oftalmik Biyoteknolojideki Gelişmeler, Postgraduate, 2020 - 2021  
GÖZ HASTALIKLARI, Undergraduate, 2020 - 2021  
GÖRME OPTİĞİ 2, Associate Degree, 2021 - 2022  
GÖRME OPTİĞİ 1, Associate Degree, 2020 - 2021  
KONTAKT LENSLER, Associate Degree, 2020 - 2021  
GÖZ HASTALIKLARI, Undergraduate, 2021 - 2022, 2020 - 2021  
OPHTHALMIC BIOTECHNOLOGY, Undergraduate, 2021 - 2022, 2020 - 2021

## Activities in Scientific Journals

BMC OPHTHALMOLOGY, Committee Member, 2022 - Continues

## Memberships / Tasks in Scientific Organizations

Asia Pacific Tele Ophthalmology Society , Principal Member, 2021 - Continues, Singapore  
TOD Oküler Enfeksiyon Birimi, Principal Member, 2020 - Continues, Turkey  
TOD GOG Grubu, Executive Board Member, 2019 - Continues, Turkey  
Royal College of Surgeons of Edinburgh, Principal Member, 2019 - Continues, Scotland  
TOD Kornea ve Oküler Yüzey Birimi, Principal Member, 2017 - Continues, Turkey  
TOD Glokom Birimi, Principal Member, 2017 - Continues, Turkey  
American College of Surgeons, Principal Member, 2017 - Continues, United States Of America  
European Board of Ophthalmology, Principal Member, 2010 - Continues, France  
International Council of Ophthalmology, Principal Member, 2010 - Continues, England  
International College of Surgeons, Principal Member, 2007 - Continues, United States Of America

## Metrics

Publication: 117  
Citation (WoS): 405  
Citation (Scopus): 448  
H-Index (WoS): 11  
H-Index (Scopus): 12

## Congress and Symposium Activities

TOD 56. Ulusal Kongresi, Moderator, Antalya, Turkey, 2022  
TÜRK OFTALMOLOJİ DERNEĞİ 55. ULUSAL KONGRESİ, Moderator, Antalya, Turkey, 2021

## Research Areas

Medicine, Surgery Medicine Sciences, Eye Diseases and Surgery, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing, Programming Languages, Biomedical Image Processing, Biomechanics, Biotechnology, Biomaterial