

## Prof. ABDULLAH KARAER

### Personal Information

Office Phone: [+90 422 341 0660](tel:+904223410660)

Email: [abdullah.karaer@inonu.edu.tr](mailto:abdullah.karaer@inonu.edu.tr)

Web: <https://avesis.inonu.edu.tr/abdullah.karaer>

Address: İnönü Üniversitesi Tıp Fakültesi Kadın Hastalıkları ve Doğum Anabilim Dalı Battalgazi/Malatya

### International Researcher IDs

ORCID: 0000-0002-2010-6211

Publons / Web Of Science ResearcherID: ABI-4667-2020

ScopusID: 15044572800

Yoksis Researcher ID: 111548

### Education Information

Expertise In Medicine, Zekai Tahir Burak Women's Health Education and Research Hospital, Turkey 2002 - 2006

Undergraduate, Ankara University, School Of Medicine, Turkey 1995 - 2001

### Foreign Languages

German, B2 Upper Intermediate

English, B2 Upper Intermediate

### Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Obstetrics and Gynecology

### Academic Titles / Tasks

Professor, Inonu University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2018 - Continues

Associate Professor, Inonu University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2013 - 2018

Assistant Professor, Inonu University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2010 - 2013

### Academic and Administrative Experience

Inonu University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2015 - Continues

### Advising Theses

KARAER A., PREMATÜR OVARYAN YETMEZLİK ETYOPATOGENEZİNDE PLAZMA AĞIR METAL (KADMİYUM) DÜZEYLERİNİN ROLÜ, Expertise In Medicine, S.ERASLAN(Student), 2016

KARAER A., Tekrarlayan gebelik kaybı olan hastalarda etyolojik faktörlerin analizi, Expertise In Medicine,

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

- I. **Metabolomics analysis of placental tissue obtained from patients with fetal growth restriction**  
KARAER A., MUMCU A., ARDA DÜZ S., TUNCAY G., DOĞAN B.  
JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH, vol.48, no.4, pp.920-929, 2022 (SCI-Expanded)
- II. **The effect of seminal plasma cadmium and lead levels on semen parameters in male subjects of infertile couples: a prospective cohort study**  
TUNCAY G., KARAER A., Tanrikut E., ÖZGÜL O.  
JOURNAL OF OBSTETRICS AND GYNAECOLOGY, vol.41, no.6, pp.946-950, 2021 (SCI-Expanded)
- III. **Reply to "Letter to the editor related to the article "Stress in couples undergoing assisted reproductive technology""**  
TUNCAY G., KARAER A.  
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.303, no.3, pp.855-856, 2021 (SCI-Expanded)
- IV. **The role of prokineticins in recurrent implantation failure**  
KARAER A., TUNCAY G., Uysal O., Semerci Sevimli T., Sahin N., Karabulut U., Sariboyaci A. E.  
Journal of Gynecology Obstetrics and Human Reproduction, vol.49, 2020 (SCI-Expanded)
- V. **Stress in couples undergoing assisted reproductive technology**  
TUNCAY G., YILDIZ S., KARAER A., Reyhani I., Ozgocer T., UÇAR C., KARABULUT DOĞAN Ü., ÜNAL S.  
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.301, no.6, pp.1561-1567, 2020 (SCI-Expanded)
- VI. **Metabolomics analysis of seminal plasma in patients with idiopathic Oligoasthenoteratozoospermia using high-resolution NMR spectroscopy**  
Mumcu A., Karaer A., Dogan B., Tuncay G.  
Andrology, vol.8, no.2, pp.450-456, 2020 (SCI-Expanded)
- VII. **High-resolution 1H-NMR spectroscopy indicates variations in metabolomics profile of follicular fluid from women with advanced maternal age**  
Dogan B., Karaer A., Tuncay G., Tecellioglu N., Mumcu A.  
Journal of Assisted Reproduction and Genetics, vol.37, no.2, pp.321-330, 2020 (SCI-Expanded)
- VIII. **RETROSPECTIVE ANALYSIS OF BORDERLINE OVARIAN TUMORS: OUTCOMES AT A SINGLE CENTER**  
YILMAZ E., Sahin N., KÖLELİ I., MELEKOĞLU R., Tanrikut E., Faydali S., KARAER A., İNCİ COŞKUN E.  
ACTA CLINICA CROATICA, vol.58, no.1, pp.29-36, 2019 (SCI-Expanded)
- IX. **Metabolomics analysis of follicular fluid in women with ovarian endometriosis undergoing in vitro fertilization**  
KARAER A., TUNCAY G., MUMCU A., DOĞAN B.  
SYSTEMS BIOLOGY IN REPRODUCTIVE MEDICINE, vol.65, no.1, pp.39-47, 2019 (SCI-Expanded)
- X. **Treatment of unruptured cornual pregnancies by local injections of methotrexate or potassium chloride under transvaginal ultrasonographic guidance**  
TUNCAY G., KARAER A., İNCİ COŞKUN E., MELEKOĞLU R.  
PAKISTAN JOURNAL OF MEDICAL SCIENCES, vol.34, no.4, pp.1010-1013, 2018 (SCI-Expanded)
- XI. **Blood Cadmium Concentrations in Women with Ectopic Pregnancy**  
KARAER A., TUNCAY G., Tanrikut E., ÖZGÜL O.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.184, no.1, pp.42-46, 2018 (SCI-Expanded)
- XII. **The impact of thyroid-stimulating hormone levels in euthyroid women on intrauterine insemination outcome**  
TUNCAY G., KARAER A., İNCİ COŞKUN E., BALOĞLU D., Tecellioglu A. N.  
BMC WOMENS HEALTH, vol.18, 2018 (SCI-Expanded)
- XIII. **Prokineticin 1 and leukemia inhibitory factor mRNA expression in the endometrium of women with idiopathic recurrent pregnancy loss**  
KARAER A., ÇİĞREMİŞ Y., Celik E., Gonullu R. U.

FERTILITY AND STERILITY, vol.102, no.4, pp.1091-1096, 2014 (SCI-Expanded)

- XIV. **Role of endometrial concentrations of heavy metals (cadmium, lead, mercury and arsenic) in the aetiology of unexplained infertility**  
TANRIKUT E., KARAER A., CELIK O., ÇELİK E., OTLU B., YILMAZ E., ÖZGÜL O.  
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol.179, pp.187-190, 2014 (SCI-Expanded)
- XV. **Association of folic acid receptor alpha in maternal serum with neural tube defects**  
Celik E., KARAER A., TÜRKÇÜOĞLU I., Turhan U., GÜNGÖREN A., Taskapan C., Ozyalin F., BERKER B.  
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.27, no.11, pp.1083-1087, 2014 (SCI-Expanded)
- XVI. **Amniotic fluid urocortin-1 concentrations for the prediction of preterm delivery**  
KARAER A., Celik E., Celik O., Simsek O. Y., ÖZEROL İ. H., YILMAZ E., TÜRKÇÜOĞLU I., Duz S. A.  
JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH, vol.39, no.7, pp.1236-1241, 2013 (SCI-Expanded)
- XVII. **Maternal and fetal adropin levels in gestational diabetes mellitus**  
Celik E., YILMAZ E., Celik O., ULAŞ M., TÜRKÇÜOĞLU I., KARAER A., Simsek Y., Minareci Y., AYDIN S.  
JOURNAL OF PERINATAL MEDICINE, vol.41, no.4, pp.375-380, 2013 (SCI-Expanded)
- XVIII. **Surgical Removal of Endometrioma Decreases the NF-kB1 (p50/105) and NF-kB p65 (Rel A) Expression in the Eutopic Endometrium During the Implantation Window**  
Celik O., Celik E., TÜRKÇÜOĞLU I., YILMAZ E., ULAŞ M., Simsek Y., KARAER A., Celik N., Aydin N. E., Ozerol I., et al.  
REPRODUCTIVE SCIENCES, vol.20, no.7, pp.762-770, 2013 (SCI-Expanded)
- XIX. **Association of low maternal levels of salusins with gestational diabetes mellitus and with small-for-gestational-age fetuses**  
Celik E., Celik O., YILMAZ E., TÜRKÇÜOĞLU I., KARAER A., Turhan U., AYDIN S.  
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol.167, no.1, pp.29-33, 2013 (SCI-Expanded)
- XX. **Serological investigation of the role of selected sexually transmitted infections in the aetiology of ectopic pregnancy**  
Karaer A., Mert I., Cavkaytar S., Batioglu S.  
EUROPEAN JOURNAL OF CONTRACEPTION AND REPRODUCTIVE HEALTH CARE, vol.18, no.1, pp.68-74, 2013 (SCI-Expanded)
- XXI. **Assessment of early decline in the percentage of  $\beta$ -hCG values between days 0 and 4 after methotrexate therapy in ectopic pregnancy for the prediction of treatment success Ektopik gebelikte uygulanan metotreksat tedavisinden sonra 0 ile 4. günler arasında  $\beta$ -hCG değerlerindeki yüzde düşüşlerinin tedavi başarısını belirlemedeki yeri**  
ÇELİK E., Türkçüoğlu I., Karaer A., KIRICI P., ERASLAN S.  
Journal of the Turkish German Gynecology Association, vol.14, no.3, pp.125-129, 2013 (SCI-Expanded)
- XXII. **Salusins, newly identified regulators of hemodynamics and mitogenesis, increase in polycystic ovarian syndrome**  
Celik O., Yilmaz E., Celik N., Minareci Y., Turkcuoglu I., Simsek Y., Celik E., Karaer A., AYDIN S.  
GYNECOLOGICAL ENDOCRINOLOGY, vol.29, no.1, pp.83-86, 2013 (SCI-Expanded)
- XXIII. **XPD and XRCC1 gene polymorphism in patients with normal and abnormal cervical cytology by pap smear**  
YILMAZ E., CELIK O., ÇELİK E., TÜRKÇÜOĞLU I., SIMSEK Y., KARAER A., OTLU B., GULBAY G., YEŞİLADA E.  
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.16, no.12, pp.1713-1718, 2012 (SCI-Expanded)
- XXIV. **A comparative study on oxidative and antioxidative markers of serum and follicular fluid in GnRH agonist and antagonist cycles**  
CELİK E., CELİK O., Kumbak B., YILMAZ E., TÜRKÇÜOĞLU I., SIMSEK Y., KARAER A., MINARECI Y., ÖZEROL E., TANBEK K.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.29, no.11, pp.1175-1183, 2012 (SCI-Expanded)
- XXV. **Serum levels of apelin, salusin-alpha and salusin-beta in normal pregnancy and preeclampsia**  
Simsek Y., Celik O., YILMAZ E., KARAER A., Dogan C., AYDIN S., ÖZER A.

- JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.25, no.9, pp.1705-1708, 2012 (SCI-Expanded)
- XXVI. **Therapeutic efficiency of Atosiban, an oxytocin receptor blocking agent in the treatment of experimental endometriosis**  
SIMSEK Y., CELIK O., KARAER A., GÜL M., YILMAZ E., Koc O., ÇOLAK C., ZENGİN S., AYDIN N. E.  
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.286, no.3, pp.777-783, 2012 (SCI-Expanded)
- XXVII. **Cord blood nesfatin-1 and apelin-36 levels in gestational diabetes mellitus**  
ASLAN M., Celik O., Celik N., TÜRKÇÜOĞLU I., YILMAZ E., KARAER A., Simsek Y., Celik E., AYDIN S.  
ENDOCRINE, vol.41, no.3, pp.424-429, 2012 (SCI-Expanded)
- XXVIII. **Fulminant hepatitis A infection in second trimester of pregnancy requiring living-donor liver transplantation**  
Simsek Y., İŞİK B., KARAER A., Celik O., KUTLU R., Aydın N. E., YILMAZ S.  
JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH, vol.38, no.4, pp.745-748, 2012 (SCI-Expanded)
- XXIX. **Role of oxidative stress in preeclampsia and intrauterine growth restriction**  
Mert I., Oruc A. S., Yuksel S., Cakar E. S., Buyukkagnici U., KARAER A., Danisman N.  
JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH, vol.38, no.4, pp.658-664, 2012 (SCI-Expanded)
- XXX. **Assessment of anxiety and depression levels of pregnant women with hyperemesis gravidarum in a case-control study.**  
Simşek Y., Celik O., Yılmaz E., Karaer A., Yıldırım E., Yoloğlu S.  
Journal of the Turkish German Gynecological Association, vol.13, pp.32-6, 2012 (SCI-Expanded)
- XXXI. **Elevated cardiac oxidative stress in newborn rats from mothers treated with atosiban**  
Simsek Y., Celik O., KARAER A., YILMAZ E., GÜL M., ÖZEROL E., Bilgic S., Celik N.  
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.285, no.3, pp.655-661, 2012 (SCI-Expanded)
- XXXII. **Prediction of spontaneous preterm delivery in women with preterm labor: Analysis of interleukin-17, migration inhibitory factor, monocyte chemotactic protein-1 in maternal serum and cervicovaginal fluid**  
KARAER A., Celik O., Dogan C., Ozerol I. H., Simsek O. Y., Celik E., ÖZEROL E., Yılmaz E., Turkcuoglu I.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.37, no.2, pp.156-161, 2012 (SCI-Expanded)
- XXXIII. **Genetic evaluation of severe male factor infertility in Turkey: A cross-sectional study**  
Cavkaytar S., Batioglu S., Gunel M., Ceylaner S., KARAER A.  
HUMAN FERTILITY, vol.15, no.2, pp.100-106, 2012 (SCI-Expanded)
- XXXIV. **Acardiacus acephalus type twin pregnancy.**  
Celik O., Karaer A., Cagiran F. T., Kaplan S.  
Journal of obstetrics and gynaecology : the journal of the Institute of Obstetrics and Gynaecology, vol.31, no.3, pp.263-4, 2011 (SCI-Expanded)
- XXXV. **Cardiovascular risk factors in polycystic ovary syndrome.**  
Karaer A., Cavkaytar S., Mert I., Buyukkagnici U., Batioglu S.  
Journal of obstetrics and gynaecology : the journal of the Institute of Obstetrics and Gynaecology, vol.30, pp.387-92, 2010 (SCI-Expanded)
- XXXVI. **Primary ovarian leiomyoma in a postmenopausal woman.**  
Cavkaytar S., Karaer A., Ozbagi T.  
Journal of obstetrics and gynaecology : the journal of the Institute of Obstetrics and Gynaecology, vol.30, pp.746-7, 2010 (SCI-Expanded)
- XXXVII. **Parapagus dicephalus dibrachus dipus: A case of conjoined twins.**  
Karaer A., Tanrikulu I., Güneş N., Cakır E., Oztas A.  
Journal of the Turkish German Gynecological Association, vol.10, pp.241-3, 2009 (SCI-Expanded)
- XXXVIII. **Are Y chromosome microdeletions and recurrent pregnancy loss really associated? REPLY**  
Karaer A., Karaer K.  
AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY, vol.201, no.5, 2009 (SCI-Expanded)
- XXXIX. **The value of vascular endothelial growth factor, pregnancy-associated plasma protein-A, and progesterone for early differentiation of ectopic pregnancies, normal intrauterine pregnancies, and spontaneous miscarriages.**

- Ugurlu E., Ozaksit G., Karaer A., Zulfikaroglu E., Atalay A., Ugur M.  
Fertility and sterility, vol.91, pp.1657-61, 2009 (SCI-Expanded)
- XL. **Y chromosome azoospermia factor region microdeletions and recurrent pregnancy loss.**  
Karaer A., Karaer K., Ozaksit G., Ceylaner S., Percin E.  
American journal of obstetrics and gynecology, vol.199, 2008 (SCI-Expanded)
- XLI. **Gastrointestinal symptoms and Helicobacter pylori infection in early pregnancy. A seroepidemiologic study.**  
Karaer A., Ozkan O., Ozer S., Bayir B., Kilic S., Babur C., Danışman N.  
Gynecologic and obstetric investigation, vol.66, pp.44-6, 2008 (SCI-Expanded)
- XLII. **Ligneous inflammation involving the female genital tract.**  
Karaer A., Mert I., Akinsu F., Tug M., Tefs K., Schuster V., Mollamahmutoglu L.  
The journal of obstetrics and gynaecology research, vol.33, pp.581-4, 2007 (SCI-Expanded)
- XLIII. **Are clinical symptoms more predictive than laboratory parameters for adverse maternal outcome in HELLP syndrome?**  
Cavkaytar S., Ugurlu E., Karaer A., Tapisiz O., Danisman N.  
Acta obstetrica et gynecologica Scandinavica, vol.86, pp.648-51, 2007 (SCI-Expanded)
- XLIV. **Risk factors for ectopic pregnancy: A case-control study**  
Karaer A., Avsar F. A., Batioglu S.  
AUSTRALIAN & NEW ZEALAND JOURNAL OF OBSTETRICS & GYNAECOLOGY, vol.46, no.6, pp.521-527, 2006 (SCI-Expanded)
- XLV. **Vaginal douching practice in Turkish women: who is douching, and why?**  
Karaer A., Avsar A., Ozkan O., Bayir B., Sayan K.  
AUSTRALIAN & NEW ZEALAND JOURNAL OF OBSTETRICS & GYNAECOLOGY, vol.45, no.6, pp.522-525, 2005 (SCI-Expanded)
- XLVI. **Vaginitis in Turkish women: symptoms, epidemiologic - microbiologic association**  
Karaer A., Boylu M., Avsar A.  
EUROPEAN JOURNAL OF OBSTETRICS GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol.121, no.2, pp.211-215, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Role of Serum Cadmium Levels in the Etiology of Premature Ovarian Failure: A Case-Control Study**  
Cicek S., Kırıcı P., Karaer A.  
Osmangazi Tıp Dergisi, vol.45, no.3, pp.342-347, 2023 (Peer-Reviewed Journal)
- II. **The Definition of the Upper Limit of Adolescent Age in Terms of Adverse Pregnancy Outcomes**  
Duz S., TUNCAY G., CENGİZ M., KARAER A.  
CUREUS JOURNAL OF MEDICAL SCIENCE, vol.13, no.12, 2021 (ESCI)
- III. **Microarray analysis of cumulus cells in women with ovarian endometriosis undergoing intracytoplasmic sperm injection**  
KARAER A., TUNCAY G., DOĞAN B., Tecellioglu N., ÇİĞREMİŞ Y.  
JOURNAL OF ENDOMETRIOSIS AND PELVIC PAIN DISORDERS, vol.12, no.2, pp.86-93, 2020 (ESCI)
- IV. **Clinical and hormonal characteristics of women with various phenotypes of polycystic ovary syndrome**  
ARDA DÜZ S., TUNCAY G., KARAER A.  
Annals of Medical Research, vol.27, no.6, pp.1626, 2020 (Peer-Reviewed Journal)
- V. **The determination of anti-mullerian hormone and vitamin D serum levels in polycystic ovary syndrome†**  
ARDA DÜZ S., TUNCAY G., KARAER A.  
Türk Kadın Sağlığı ve Neonatoloji Dergisi, 2020 (Peer-Reviewed Journal)

- VI. **Prevalence of Various Sexually Transmitted Pathogens in Infertile Couples and Their Effects on In Vitro Fertilization Success**  
GÜRSOY N. C., TUNCAY G., KARAER A., Tecelioglu A. N., Yigit H., YAKUPOĞULLARI Y., OTLU B.  
FLORA INFEKSIYON HASTALIKLARI VE KLINIK MIKROBIYOLOJİ DERGİSİ, vol.24, no.3, pp.215-226, 2019 (ESCI)
- VII. **The importance of curettage in cases of sexual violence**  
CELBIŞ O., Bork T., KARAER A., OZCANLI O., ZAYMAN E.  
Medicine Science International Medical Journal, vol.6, no.4, pp.743, 2017 (Peer-Reviewed Journal)
- VIII. **Metabolic and carbohydrate characteristics of different phenotypes of polycystic ovary syndrome**  
Celik E., TÜRKÇÜOĞLU I., Ata B., KARAER A., Kirici P., Eraslan S., Taskapan C., BERKER B.  
JOURNAL OF THE TURKISH-GERMAN GYNECOLOGICAL ASSOCIATION, vol.17, no.4, pp.201-208, 2016 (ESCI)
- IX. **Risk factors for recurrent ectopic pregnancy A Case Control Study**  
KARAER A., CAVKAYTAR S., MERT İ., BATIOĞLU A. S.  
Gynecology Obstetrics & Reproductive Medicine, 2014 (Peer-Reviewed Journal)
- X. **Investigation of the relationship between levels of oxidative stress markers in the second trimester amniotic fluid with preeclampsia and preterm delivery**  
ÇELİK E., KARAER A., Yılmaz E., Turkcuoğlu I., Çelik Ö., ŞİMŞEK Ö. Y., KIRICI P., ÖZEROL E., TANBEK K.  
Perinatal Journal, vol.20, no.3, pp.140-145, 2012 (Peer-Reviewed Journal)
- XI. **Patient Profile and Treatment Outcomes of Near Miss Obstetric Patients and Evaluation of Maternal Mortality A Tertiary Center Experience**  
ŞİMŞEK Ö. Y., YILMAZ E., ÇELİK E., KARAER A., Turkcuoğlu I., Çelik O., TOĞAL T.  
Perinatal Journal, vol.20, no.1, pp.1-5, 2012 (Peer-Reviewed Journal)
- XII. **Adneksial kitleyi taklit eden ektopik bobrek Olgu Sunumu**  
YILMAZ E., ŞİMŞEK Ö. Y., KARAER A., ÇELİK E., Turkcuoğlu I., Doğan Ç., Aydın E., Çelik Ö.  
Turkish J Obstetrics and Gynecology, 2012 (Peer-Reviewed Journal)
- XIII. **Pityriasis rosea in a pregnancy**  
KARAER A., Beyhan S., ŞAHİN F.  
Gynecology Obstetrics & Reproductive Medicine, 2012 (Peer-Reviewed Journal)
- XIV. **Serum CA125 Yüksekliği ile Birlikte olan Meigs Sendromu Olgu Sunumu ve Literatürün Gözden Geçirilmesi Meigs Syndrome with elevated serum CA125 Case Report and Review of the Literature**  
YILMAZ E., Tanrikut E., Minareci Y., KARAER A., ŞİMŞEK Ö. Y., Çelik Ö.  
Turkish J Obstet Gynecol, 2012 (Peer-Reviewed Journal)
- XV. **Efficacy of internal iliac artery ligation on the management of postpartum hemorrhage and its impact on ovarian reserve**  
ŞİMŞEK Ö. Y., YILMAZ E., ÇELİK E., Turkcuoğlu I., KARAER A., TURHAN U., Çelik O.  
Journal of Turkish Society of Obstetric and Gynecology, vol.9, no.3, pp.153-158, 2012 (Scopus)
- XVI. **Management of Term Pregnancy Diagnosed With Glanzmann Thrombasthenia A Case Report**  
YILMAZ E., TURHAN U., ŞİMŞEK Ö. Y., Çelik O., KARAER A., Minareci Y.  
Perinatal Journal, vol.19, no.3, pp.137-139, 2011 (Peer-Reviewed Journal)
- XVII. **İlk Trimesterde Tanısı Koyulan Cantrell Pentalojisi Olgu Sunumu**  
ŞİMŞEK Ö. Y., KARAER A., TURHAN U., Çelik Ö.  
Perinatoloji Dergisi, 2011 (Peer-Reviewed Journal)
- XVIII. **Papiller adenofibroma of the cervix a case report**  
KARAER A., Çiğdem D., Güneş N., Köse S.  
Gynecological Surgery, vol.5, no.4, pp.307-308, 2008 (Scopus)
- XIX. **Stres Üriner İnkontinanstaki Transobturatör Tapede Tedavisi Transobturatör tape for stress urinary incontinence**  
Aksakal O., GÜNGÖR T., KARAER A., Uğurlu N., ATALAY M. A., Bilge Ü.  
Journal of the Turkish German Gynecological Association, 2006 (Peer-Reviewed Journal)

## Books & Book Chapters

### I. Dismenore

İNÇİ COŞKUN E., KARAER A.

in: Çocuklarda Anamnezden Tanıya, Cengiz Yakıncı, Hamza Karabiber, Editor, Akademisyen Tıp Kitabevi, Ankara, pp.80-83, 2016

## Refereed Congress / Symposium Publications in Proceedings

- I. **Multi-Omics Approach Based on the Analysis of Metabolomics and Transcriptomics Data for Understanding Placental Pathophysiology in Preeclampsia Patients**  
MUMCU A., SARIDOĞAN E., ARDA DÜZ S., TUNCAY G., ERDOĞAN A., KARAER K., ONAT T., KARAER A., DOĞAN B.  
Geleceğin Sağlık Teknolojileri - Genomiks Kongresi, İstanbul, Turkey, 8 - 09 December 2023
- II. **The effect of vaginal microbiota on the outcome of assisted reproductive technologies**  
KARAER A., Dogan B., Tuncay G., Gunal S., Tecellioglu A. N.  
36th Virtual Annual Meeting of the European-Society-of-Human-Reproduction-and-Embryology (ESHRE), ELECTRONETWORK, 5 - 08 July 2020, vol.35, pp.115
- III. **Microarray analysis of cumulus cells in women with ovarian endometriosis undergoing intracytoplasmic sperm injection**  
KARAER A., TUNCAY G., DOĞAN B., tecellioglu n., ÇİĞREMİŞ Y.  
20th World IVF Congress, 24 - 26 October 2019
- IV. **DECREASED BMP-15 AND BDNF MRNA EXPRESSION LEVELS IN CUMULUSGRANULOSA CELLS OF WOMEN WITH**  
KARAER A., TUNCAY G., DOĞAN B., Tecellioglu A. N., ÇİĞREMİŞ Y.  
III.EXPERT MEETING IN PERSONALIZEDREPRODUCTIVE MEDICINE, 11 - 14 April 2019
- V. **THE DETERMINATION OF ANTI-MULLERIAN HORMONE AND VITAMIN D SERUM LEVELS IN POLYCYSTIC OVARY SYNDROME**  
ARDA DÜZ S., TUNCAY G., KARAER A.  
EXPERT MEETING IN PERSONALIZEDREPRODUCTIVE MEDICINE, 11 - 14 April 2019
- VI. **Decreased BMP-15 and BDNF mRNA expression levels in cumulus granulosa cells of women with ovarian endometriosis**  
KARAER A., TUNCAY G., DOĞAN B., TECELLİOĞLU N., ÇİĞREMİŞ Y.  
Expert Meeting In Personalized Reproductive Medicine, 11 - 14 April 2019
- VII. **Hormonal kontrasepsiyonda efsaneleri yıkmak**  
KARAER A.  
Ulusal Üreme Sağlığı ve İnfertilite Kongresi, 8 - 11 November 2018
- VIII. **Histerektomi Cerrahisinde İntravenöz Parasetamol ve İbuprofen'in Postoperatif Ağrı ve Morfin Tüketimine Etkisi**  
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- IX. **Histerektomi Cerrahisinde İntravenöz Parasetamol ve İbuprofenin Postoperatif Ağrı ve Morfin Tüketimine Etkisi**  
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- X. **Endometriozis ve endometriyum**  
KARAER A.  
16 TJOD Kongresi, Turkey, 9 - 13 May 2018
- XI. **Metabolomics analysis of follicular fluid in women with ovarian endometriosis undergoing invitro fertilization**  
KARAER A., TUNCAY G., MUMCU A., DOĞAN B.

33rd Annual Meeting of ESHRE 2017, 2 - 05 July 2017

- XII. **Metabolomics analysis of follicular fluid in women with ovarian endometriosis undergoing in vitro fertilization**  
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33rd Annual Meeting of the European-Society-of-Human-Reproduction-and-Embryology (ESHRE), Geneva, Switzerland, 2 - 05 July 2017, vol.32, pp.255
- XIII. **cinsel saldırılarda kürtajın önemi**  
CELBIŞ O., BÖRK T., KARAER A., ÖZCAN Ö., PORGALI ZAYMAN E.  
14. ADLİ BİLİMLER KONGRESİ, Turkey, 11 - 14 May 2017
- XIV. **Endometriozis ve oosit kalitesi**  
KARAER A.  
25th European Congress of Obstetrics and Gynaecology, 17 - 21 May 2017
- XV. **BAŞARISIZ TÜP BEBEK DENEMESİ SONRASI UYGULANAN DİAGNOSTİK HİSTEROSKOPİNİN TANI VE TEDAVİ ETKİNLİĞİ**  
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- XVI. **Retrospective analysis of borderline ovarian tumors: Outcomes of a single center**  
YILMAZ E., İNCİ COŞKUN E., ŞAHİN N., TANRIKUT E., KARAER A.  
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- XVIII. **Başarısız tüp bebek denemesi sonrası uygulanan diagnostik histeroskopinin tanı ve tedavi etkinliği**  
TUNCAY G., KARAER A., İNCİ COŞKUN E., KARABULUT DOĞAN Ü.  
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- XIX. **Nonsurgical management of unruptured cornual pregnancies: case series**  
TUNCAY G., KARAER A., İNCİ COŞKUN E., MELEKOĞLU R.  
11. Türk Alman Jinekoloji Kongresi, Antalya, Turkey, 11 - 16 May 2016
- XX. **Non surgical management of unruptured cornual pregnancies A case series**  
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11. Türk Alman Jinekoloji Kongresi, Antalya, Turkey, 11 - 15 May 2016, pp.103-104
- XXI. **Spontan Ovaryan Hiperstimülasyon Sendromu ile Komplike Olmuş İkiz Gebelik Olgusu**  
MELEKOĞLU R., TUNCAY G., BALOĞLU D., Celik E., KARAER A.  
13. Ulusal Jinekoloji ve Obstetrik Kongresi, Antalya, Turkey, 11 - 15 May 2015, pp.547-548
- XXII. **Prokineticin 1 leukemia inhibitory factor and Dickkopf 1 mRNA expression in the endometrium of women with unexplained infertility and idiopathic recurrent pregnancy loss**  
Karaer A., Cigremis Y., Celik E., Gonullu R.  
30th Annual Meeting of the European-Society-of-Human-Reproduction-and-Embryology (ESHRE), Munich, Germany, 29 June - 02 July 2014, vol.29, pp.206-207
- XXIII. **Prokineticin 1 leukemia inhibitory factor and Dickkopf 1 mRNA expression in endometrium of women with unexplained infertility and idiopathic recurrent pregnancy loss**  
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30th Annual Meeting of ESHRE, 26 - 28 June 2014
- XXIV. **The role of blood metal concentrations in the etiology of unexplained infertility**  
KARAER A., Tanrikut E., Rukiye G., DOĞAN U. G., Bahar Ö., Önal Y.  
10th Biennial Conference of Alpha, Scientist in Reproductive Medicine, 23 - 25 May 2014
- XXV. **Lipid features of polycystic ovary syndrome under different diagnostic criteria**  
Celik E., Turkcuoglu I., Ata B., Karaer A., Kirici P., Berker B.  
29th Annual Meeting of the European-Society-of-Human-Reproduction-and-Embryology (ESHRE), London, Canada, 7 - 10 July 2013, vol.28, pp.312



- XXVI. **The value of NF kB inhibition in endometriosis the old drug disulfiram may have a bright new future as a novel NF kB inhibitor in endometriosis**  
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- XXVII. **Glutathione malondialdehyde and nitric oxide levels in endometrium of patients with unexplained infertility during implantation window**  
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- XXIX. **Glutathione, malondialdehyde and nitric oxide levels in endometrium of patients with unexplained infertility during the implantation window**  
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- XXX. **Therapeutic efficiency of atosiban, an oxytocin receptor antagonist in the treatment of experimental endometriosis**  
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- XXXI. **The protein profile in hyperemesis gravidarum**  
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- XXXII. **Maternal and fetal serum salusilin a and salusilin b in gestational daibetes mellitus**  
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## Supported Projects

Mumcu A., Karaer A., Doğan B., Arda Düz S., Tuncay G., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Polikistik Over Sendromunun Alt Gruplarının Belirlenmesi için Deneysel Metabolomik Verilerin Derin Öğrenme Yaklaşımları ile Analizi, 2020 - 2023

ARDA DÜZ S., YILMAZ E., KARAER A., CENGİZ M., Project Supported by Higher Education Institutions, İNTRAUTERİN GELİŞME GERİLİĞİ İLE UMBLİKAL ARTER KOİLİNG İNDEKSİNİN İLİŞKİSİ, 2020 - 2022

KARAER A., ÖZBEY G., Project Supported by Higher Education Institutions, Endometriyal Polip ve Miyoma Uterinin Endometriyumda Fertilité ile ilişkili Genlere Etkisi, 2019 - 2022

KARAER A., TUNCA Y G., KARAER K., KARABULUT DOĞAN Ü., Project Supported by Higher Education Institutions, İntrauterin gelişme geriliği olan hastalarda plasental kemokin ekspresyon düzeylerinin incelenmesi, 2019 - 2022

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TUNCA Y G., TECELLİOĞLU A. N., KARAER A., DOĞAN B., KARAER K., BALOĞLU D., Project Supported by Higher Education Institutions, Embriyo kültür sıvısı serbest mitokondrial DNA miktarının IVF sonuçları üzerine etkisi, 2019 - 2022

Mumcu A., Karaer K., Tuncay G., Karaer A., TUBITAK Project, Folliküler Sıvı Serbest Mitokondrial Dna Miktarının İvf

Sonuçlarına Etkisi, 2018 - 2022

KARAER A., AZİMOV R., Project Supported by Higher Education Institutions, Preeklampsi Hastalarında Ağır Metal Düzeylerinin Değerlendirilmesi, 2019 - 2021

KARAER A., KARABULUT DOĞAN Ü., YILDIZ S., Project Supported by Higher Education Institutions, Disfonksiyonel Uterin Kanama ve Stres Eksenleri, 2018 - 2021

KARAER A., TUNCAY G., ÇİĞREMİŞ Y., BALOĞLU D., TECELLİOĞLU A. N., Project Supported by Higher Education Institutions, Endometriomalı hastaların matür metafaz II oositlerinin kümülüs hücrelerine ait bazı genlerin ekspresyonunun analizi, 2018 - 2020

MUMCU A., TUNCAY G., DOĞAN B., KARAER A., Project Supported by Higher Education Institutions, İnfertil Hastalarda Seminal Plazmanın Metabolomiks Analizi, 2018 - 2020

Mumcu A., Doğan B., Tuncay G., Karaer A., Project Supported by Higher Education Institutions, Düşük ovaryan rezervi ve ileri anne yaşının folliküler metabolomiks profili üzerine etkisi, 2016 - 2020

KARAER A., Project Supported by Higher Education Institutions, DÜŞÜK OVARYAN REZERVİ VE İLERİ ANNE YAŞININ FOLLİKÜLER METABOLOMİKS PROFİLİ ÜZERİNE ETKİSİ, 2016 - 2019

ARDA DÜZ S., KARAER A., YILMAZ E., Project Supported by Higher Education Institutions, NON-STRES TEST İLE GEÇ DESELERASYON SAPTANAN GEBELERDE YENİDOĞANIN KORDON KAN PH ÖLÇÜMLERİNİN DEĞERLENDİRİLMESİ, 2018 - 2018

KARAER A., Project Supported by Higher Education Institutions, ENDOMETRİYAL MEZANŞİMAL KÖK HÜCRELER: KARAKTERİZASYON VE FARKLI DOKULARA FARKLILAŞTIRMA POTANSİYELLERİ, 2015 - 2018

KARAER A., Project Supported by Higher Education Institutions, PREMATÜR OVARYAN YETMEZLİK TANISI ALAN HASTALARIN ETYOPATOGENEZİNDE PLAZMA KADMİYUM VE KURŞUN DÜZEYLERİNİN ROLÜ, 2015 - 2017

KARAER A., Project Supported by Higher Education Institutions, TEKRARLAYAN GEBELİK KAYIPLARI VE AÇIKLANAMAYAN İNFERTİLİTE ÖYKÜSÜNE SAHİP HASTALARDA NATURAL KİLLER VE T-REGULATUAR HÜCRELERLE İLİŞKİLİ KEMOKİNLERİN ENDOMETRİYAL EKSPRESYONLARININ TRANSKRİPSİYONEL DÜZEYDE İNCELENMESİ, 2014 - 2017

## Activities in Scientific Journals

European Journal Of Gynaecological Oncology, Committee Member, 2019 - Continues

BMC Womens Health, Committee Member, 2019 - Continues

## Metrics

Publication: 100

Citation (WoS): 935

Citation (Scopus): 1040

H-Index (WoS): 17

H-Index (Scopus): 18

## Non Academic Experience

Merzifon Asker Hastanesi

Siirt Kadın Doğum ve Çocuk Hastalıkları Hastanesi