

# Prof. ESİN KOÇ

## Personal Information

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## Education Information

Post Doctorate of Medicine, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1992 - 1994

Doctorate, Diğer (Kurumlar,hastaneler Vb.), Hastaneler, Ankara Dr.Sami Ulus Kadın Doğum Çocuk Sağlığı Ve Hastalıkları Eğitim Ve Araştırma Hastanesi, Turkey 1987 - 1991

Undergraduate, Hacettepe University, Tıp Fakültesi, Turkey 1980 - 1986

## Dissertations

Doctorate, Çocukluk çağı bakteriyel menenjitinde Cefuroxime tedavisi, Diğer (Kurumlar,hastaneler Vb.), Hastaneler, Ankara Dr.Sami Ulus Kadın Doğum Çocuk Sağlığı Ve Hastalıkları Eğitim Ve Araştırma Hastanesi, 1991

## Research Areas

Health Sciences

## Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2003 - Continues

## Academic and Administrative Experience

Head of Department, Gazi University, Tıp Fakültesi, 2018 - Continues

## Advising Theses

KOÇ E., Neonatal Consequences Of Non-Diabetic Hyperglycemia, Expertise In Medicine, D.Alp(Student), 2019

KOÇ E., Gebelikte diyabetik sınırlarda olmayan hipergliseminin yenidoğana etkileri, Expertise In Medicine, A.KAZANCIOĞLU(Student), 2019

KOÇ E., Evaluation of nitric oxide metabolites and asymmetric dimethylarginine concentration in breast milk, Expertise In Medicine, H.ÖZTÜRK(Student), 2015

KOÇ E., Comparison of ghrelin levels in colostrum, transitional and mature milk from mothers after preterm, late preterm and term deliveries, Post Doctorate of Medicine, E.KAZANCI(Student), 2013

KOÇ E., Effect of assisted reproductive technologies on neonatal mortality and morbidity, Expertise In Medicine, Ö.TIRHIŞ(Student), 2012

- KOÇ E., Term ve terme yakın yenidoğanlarda sarılık özellikleri ve transkutanöz ölçümlerine dayalı bilirubin nomogramı, Expertise In Medicine, V.DOĞAN(Student), 2006
- KOÇ E., Sağlıklı yenidoğanlarda serum total bilirubin düzeylerinin total antioksidan kapasite ve lipid peroksidasyonu ile ilişkisi, Expertise In Medicine, Ş.SUNA(Student), 2004
- KOÇ E., Yenidoğan sepsisinde leptin, interlökin-6, interlökin-8, tümör nekrozis Faktör-Alfa'nın rolü, Expertise In Medicine, G.HANDAN(Student), 2000

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

- I. **Clinical and Demographic Characteristics of Treatment Requiring Retinopathy of Prematurity in Big Premature Infants in Türkiye: Report No. 1 (BIG-ROP Study)**  
ÖZDEK Ş., ÖZDEMİR H. B., Tunay Z. O., Bayramoglu S. E., Sukgen E. A., Kir N., KOÇ E.  
OPHTHALMOLOGICA, 2024 (SCI-Expanded)
- II. **Perivable Birth: Between Ethical and Legal Frameworks**  
KOÇ E., Unal S., Vural M.  
Journal of Pediatrics, vol.272, 2024 (SCI-Expanded)
- III. **Reference intervals in extended new red blood cell parameters based on gestational age on the first day of newborns**  
ÇOMRUK A., KAYA Z., KIRKIZ KAYALI S., KOÇAK Ü., TÜRKYILMAZ C., KOÇ E.  
International Journal of Laboratory Hematology, vol.46, no.4, pp.755-757, 2024 (SCI-Expanded)
- IV. **Epidemiology and Outcomes of Neonatal Meningitis: Results of the Turkish Neo-Meningitis Nationwide Study**  
Oncel M. Y., Cizmeci M. N., KARADAĞ ÖNCEL E., Elvan-Tuz A., Canpolat F. E., Akn M. A., Uslu S., Cetinkaya M., ERDEVE Ö., KOÇ E.  
The Pediatric infectious disease journal, vol.43, no.4, pp.365-370, 2024 (SCI-Expanded)
- V. **A Survey of the Union of European Neonatal and Perinatal Societies on Neonatal Respiratory Care in Neonatal Intensive Care Units**  
Moretti C., Gizzi C., Gagliardi L., Petrillo F., Ventura M. L., Trevisanuto D., Lista G., Dellacà R. L., Beke A., Buonocore G., et al.  
Children, vol.11, no.2, 2024 (SCI-Expanded)
- VI. **Laryngeal Mask Airway in Neonatal Resuscitation: A Survey of the Union of European Neonatal and Perinatal Societies**  
Trevisanuto D., Gizzi C., Cavallin F., Beke A., Buonocore G., Charitou A., Cucerea M., Filipović-Grčić B., Jekova N. G., Koç E., et al.  
Neonatology, 2024 (SCI-Expanded)
- VII. **An observational, multicenter, registry-based cohort study of Turkish Neonatal Society in neonates with Hypoxic ischemic encephalopathy**  
OKULU E., HIRFANOĞLU İ. M., Satar M., ERDEVE Ö., KOÇ E., ÖZLÜ F., Gokce M., Armangil D., TUNÇ G., DEMİREL N., et al.  
PLOS ONE, vol.18, no.12, 2023 (SCI-Expanded)
- VIII. **The Turkish Neonatal Jaundice Online Registry: A national root cause analysis**  
ERDEVE Ö., OKULU E., Olukman O., Ulubas D., Buyukkale G., Narter F., Tunc G., Atasay B., GÜLTEKİN N. D., ARSAN S., et al.  
PLOS ONE, vol.13, no.2, 2018 (SCI-Expanded)
- IX. **Echocardiography may cause significant pain response in preterm infants**  
AKTAS S., Ulubas D., Gumustas M., HIRFANOĞLU İ. M., TÜRKYILMAZ C., Ergenekon E., KOÇ E., Atalay Y., Demirel N., BAŞ A. Y., et al.  
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.31, no.3, pp.267-270, 2018 (SCI-Expanded)
- X. **Effects of Volume Guaranteed Ventilation Combined with Two Different Modes in Preterm Infants**  
Unal S., Ergenekon E., Aktas S., Altuntas N., Beken S., Kazanci E., Kulali F., Gülbahar Ö., Hırfanoğlu İ. M., Onal E. E., et

al.

RESPIRATORY CARE, vol.62, no.12, pp.1525-1532, 2017 (SCI-Expanded)

- XI. **Regional brain volume reduction and cognitive outcomes in preterm children at low risk at 9 years of age**  
ARHAN E., GÜCÜYENER K., Soysal S., Salvarli S., Gurses M. A., SERDAROĞLU A., DEMİR E., Ergenekon E., TÜRKYILMAZ C., Onal E. E., et al.  
CHILDS NERVOUS SYSTEM, vol.33, no.8, pp.1317-1326, 2017 (SCI-Expanded)
- XII. **Impact of mode of delivery on skin microcirculation in term healthy newborns within the first day of life**  
Kulali F., Ergenekon E., AKTAS S., Kazanci E., Unal S., Hirfanoglu İ. M., Onal E. E., TÜRKYILMAZ C., KOÇ E., Atalay Y.  
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.30, no.6, pp.673-677, 2017 (SCI-Expanded)
- XIII. **Perfusion index assessment during transition period of newborns: an observational study**  
Unal S., Ergenekon E., AKTAS S., BEKEN S., Altuntas N., Kazanci E., Kulali F., HIRFANOĞLU İ. M., Onal E. E., TÜRKYILMAZ C., et al.  
BMC PEDIATRICS, vol.16, 2016 (SCI-Expanded)
- XIV. **Angiopoietins in Human Breast Milk**  
Yesildal F., KOÇ E., Tas A., Ozgurtas T.  
BREASTFEEDING MEDICINE, vol.11, no.7, pp.366-370, 2016 (SCI-Expanded)
- XV. **Incidence and severity of retinopathy of prematurity in Turkey**  
BAŞ A. Y., KOÇ E., Dilmen U.  
BRITISH JOURNAL OF OPHTHALMOLOGY, vol.99, no.10, pp.1311-1314, 2015 (SCI-Expanded)
- XVI. **Skinfold Thickness of Preterm Newborns When They Become Late Preterm Infants**  
Simsek M., Ergenekon E., BEKEN S., Kulali F., Unal S., Kazanci E., AKTAS S., Altuntas N., Hirfanoglu I., TÜRKYILMAZ C., et al.  
NUTRITION IN CLINICAL PRACTICE, vol.30, no.2, pp.266-273, 2015 (SCI-Expanded)
- XVII. **The effects of breast milk storage and freezing procedure on interleukine-10 levels and total antioxidant activity**  
AKSU T., Atalay Y., TÜRKYILMAZ C., GÜLBAHAR Ö., HIRFANOĞLU İ. M., Demirel N., Onal E. E., Ergenekon E., KOÇ E.  
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.28, no.15, pp.1799-1802, 2015 (SCI-Expanded)
- XVIII. **The Prediction of Later Neurodevelopmental Status of Preterm Infants at Ages 7 to 10 Years Using the Bayley Infant Neurodevelopmental Screener**  
SOYSAL ACAR A. Ş., GÜCÜYENER K., Ergenekon E., Turan O., KOÇ E., TÜRKYILMAZ C., Onal E. E., Atalay Y.  
JOURNAL OF CHILD NEUROLOGY, vol.29, no.10, pp.1349-1355, 2014 (SCI-Expanded)
- XIX. **Validity and Reliability of the Infant Breastfeeding Assessment Tool, the Mother Baby Assessment Tool, and the LATCH Scoring System**  
Altuntas N., TÜRKYILMAZ C., Yildiz H., Kulali F., Hirfanoglu I., Onal E. E., Ergenekon E., KOÇ E., Atalay Y.  
BREASTFEEDING MEDICINE, vol.9, no.4, pp.191-195, 2014 (SCI-Expanded)
- XX. **Preterm ovarian hyperstimulation syndrome presented with vaginal bleeding: a case report**  
Altuntas N., TÜRKYILMAZ C., Yuce O., Kulali F., HIRFANOĞLU İ. M., Onal E. E., Ergenekon E., KOÇ E., BİDECI A., Atalay Y.  
JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM, vol.27, no.3-4, pp.355-358, 2014 (SCI-Expanded)
- XXI. **Intravenous Immunoglobulin G Treatment in ABO Hemolytic Disease of the Newborn, is it Myth or Real?**  
BEKEN S., Hirfanoglu I., TÜRKYILMAZ C., Altuntas N., Unal S., Turan O., Onal E. E., Ergenekon E., KOÇ E., Atalay Y.  
INDIAN JOURNAL OF HEMATOLOGY AND BLOOD TRANSFUSION, vol.30, no.1, pp.12-15, 2014 (SCI-Expanded)
- XXII. **Analysis of Serum gamma-Glutamyl Transferase Levels in Neonatal Intensive Care Unit Patients**  
HIRFANOĞLU İ. M., Unal S., ÖNAL E. E., BEKEN S., TÜRKYILMAZ C., PAŞAOĞLU H., KOÇ E., Ergenekon E., Atalay Y.  
JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION, vol.58, no.1, pp.99-101, 2014 (SCI-Expanded)
- XXIII. **Comparing the fatty acid levels of preterm and term breast milk in Turkish women**  
Aydin I., Turan O., Aydin F. N., KOÇ E., HIRFANOĞLU İ. M., Akyol M., Oztosun M., Akgul E. O., Demirin H., Kilic S., et al.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.44, no.2, pp.305-310, 2014 (SCI-Expanded)

- XXIV. **The Importance of Cold-Reactive Autoantibodies in an Asphyxiated Infant Before Therapeutic Hypothermia**  
BEKEN S., Altuntas N., KOÇ E., Yenicesu I., Ergenekon E., HIRFANOĞLU İ. M., Onal E. E., TÜRKYILMAZ C., Atalay Y.  
INDIAN JOURNAL OF PEDIATRICS, vol.80, no.11, pp.962-964, 2013 (SCI-Expanded)
- XXV. **The Effects of Surfactant on Oxygenation in Term Infants with Respiratory Failure**  
BEKEN S., TÜRKYILMAZ C., KOÇ E., HIRFANOĞLU İ. M., Altuntas N.  
IRANIAN JOURNAL OF PEDIATRICS, vol.23, no.4, pp.477-480, 2013 (SCI-Expanded)
- XXVI. **Short- and long-term effects of individualized enteral protein supplementation in preterm newborns**  
Ergenekon E., Soysal S., Hirfanoglu I., Bas V., GÜCÜYENER K., Turan O., BEKEN S., Kazanci E., TÜRKYILMAZ C., Onal E. E., et al.  
TURKISH JOURNAL OF PEDIATRICS, vol.55, no.4, pp.365-370, 2013 (SCI-Expanded)
- XXVII. **The risk assessment study for hemolytic disease of the fetus and newborn in a University Hospital in Turkey**  
Altuntas N., Yenicesu I., Himmetoglu O., Kulali F., Kazanci E., Unal S., AKTAS S., Hirfanoglu I., Onal E. E., TÜRKYILMAZ C., et al.  
TRANSFUSION AND APHERESIS SCIENCE, vol.48, no.3, pp.377-380, 2013 (SCI-Expanded)
- XXVIII. **Peripheral microcirculation is affected during therapeutic hypothermia in newborns**  
Ergenekon E., Hirfanoglu I., BEKEN S., Turan O., Kulali F., KOÇ E., GÜCÜYENER K.  
ARCHIVES OF DISEASE IN CHILDHOOD-FETAL AND NEONATAL EDITION, vol.98, no.2, 2013 (SCI-Expanded)
- XXIX. **Clinical use of fresh-frozen plasma in neonatal intensive care unit**  
Altuntas N., Yenicesu I., BEKEN S., Kulali F., Belen F. B., HIRFANOĞLU İ. M., Onal E. E., TÜRKYILMAZ C., Ergenekon E., KOÇ E., et al.  
TRANSFUSION AND APHERESIS SCIENCE, vol.47, no.1, pp.91-94, 2012 (SCI-Expanded)
- XXX. **Are the neonatal outcomes similar in large-for-gestational age infants delivered by women with or without gestational diabetes mellitus?**  
ÖNAL E. E., HIRFANOĞLU İ. M., BEKEN S., Altuntas N., TÜRKYILMAZ C., DUYAN ÇAMURDAN A., Turan O., Ergenekon E., KOÇ E., Atalay Y.  
WORLD JOURNAL OF PEDIATRICS, vol.8, no.2, pp.136-139, 2012 (SCI-Expanded)
- XXXI. **Use of amplitude-integrated electroencephalography (aEEG) and near infrared spectroscopy findings in neonates with asphyxia during selective head cooling**  
GÜCÜYENER K., BEKEN S., Ergenekon E., Soysal S., Hirfanoglu I., Turan O., Unal S., Altuntas N., Kazanci E., Kulali F., et al.  
BRAIN & DEVELOPMENT, vol.34, no.4, pp.280-286, 2012 (SCI-Expanded)
- XXXII. **Language assessment of non-handicapped twins at 5 years of age**  
GÜCÜYENER K., ARHAN E., SOYSAL ACAR A. Ş., Ergenekon E., Turan O., Onal E. E., KOÇ E., TÜRKYILMAZ C., Atalay Y.  
PEDIATRICS INTERNATIONAL, vol.53, no.6, pp.944-949, 2011 (SCI-Expanded)
- XXXIII. **A rare case of severe lactic acidosis in a preterm infant: lack of thiamine during total parenteral nutrition**  
Oguz S. S., Ergenekon E., TÜMER L., KOÇ E., Turan O., Onal E. E., TÜRKYILMAZ C., Atalay Y.  
JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM, vol.24, no.9-10, pp.843-845, 2011 (SCI-Expanded)
- XXXIV. **Effects of maternal supplementary oxygen on the newborn for elective cesarean deliveries under spinal anesthesia**  
Gunaydin B., NAS T., Biri A., KOÇ E., Koc A., McCusker K.  
JOURNAL OF ANESTHESIA, vol.25, no.3, pp.363-368, 2011 (SCI-Expanded)
- XXXV. **The Effect of Galactagogue Herbal Tea on Breast Milk Production and Short-Term Catch-Up of Birth Weight in the First Week of Life**  
TÜRKYILMAZ C., Onal E. E., HIRFANOĞLU İ. M., Turan O., KOÇ E., Ergenekon E., Atalay Y.  
JOURNAL OF ALTERNATIVE AND COMPLEMENTARY MEDICINE, vol.17, no.2, pp.139-142, 2011 (SCI-Expanded)
- XXXVI. **Soluble Vascular Endothelial Growth Factor Receptor 1 in Human Breast Milk**  
Ozgurtas T., Aydin I., Turan O., KOÇ E., HIRFANOĞLU İ. M., Acikel C. H., Akyol M., SERDAR M. A., Erbil K. M.  
HORMONE RESEARCH IN PAEDIATRICS, vol.76, no.1, pp.17-21, 2011 (SCI-Expanded)

- XXXVII. **Combination antifungal therapy with voriconazole for persistent candidemia in very low birth weight neonates**  
Turan O., Ergenekon E., HIRFANOĞLU İ. M., ÖNAL E. E., Bas V. N., TÜRKYILMAZ C., KOÇ E., Atalay Y.  
TURKISH JOURNAL OF PEDIATRICS, vol.53, no.1, pp.19-26, 2011 (SCI-Expanded)
- XXXVIII. **Are serum nitric oxide and vascular endothelial growth factor levels affected by packed red blood cell transfusions?**  
Ergenekon E., Bozkaya D., Goktas T., Erbas D., ATAK YÜCEL A., Turan O., Hirfanoglu I., Onal E. E., TÜRKYILMAZ C., KOÇ E., et al.  
HEMATOLOGY, vol.15, no.3, pp.170-173, 2010 (SCI-Expanded)
- XXXIX. **C1 inhibitor level on neonatal sepsis and its relations with clinical findings**  
TAPISIZ A., Ergenekon E., Oktem M., KOÇ E., Okumus N., Zenciroglu A., Atalay Y.  
JOURNAL OF PAEDIATRICS AND CHILD HEALTH, vol.46, no.3, pp.121-124, 2010 (SCI-Expanded)
- XL. **Biochemical Comparison of Preterm and Term Newborn's Mother's Milk**  
Aydin I., Ozgurtas T., Turan O., KOÇ E., HIRFANOĞLU İ. M., Acikel C. H., Garipoglu G., Akyol M., Tunc T., Erbil M. K.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.34, no.4, pp.242-249, 2009 (SCI-Expanded)
- XLI. **Tau and S100B Proteins as Biochemical Markers of Bilirubin-Induced Neurotoxicity in Term Neonates**  
Okumus N., TÜRKYILMAZ C., ÖNAL E. E., Atalay Y., SERDAROĞLU A., Elbeg S., KOÇ E., Deda G., Cansu A., GÜNDÜZ B.  
PEDIATRIC NEUROLOGY, vol.39, no.4, pp.245-252, 2008 (SCI-Expanded)
- XLII. **Radiation Exposure to Premature Infants in a Neonatal Intensive Care Unit in Turkey**  
OLĞAR T., Onal E. E., Bor D., Okumus N., Atalay Y., TÜRKYILMAZ C., Ergenekon E., KOÇ E.  
KOREAN JOURNAL OF RADIOLOGY, vol.9, no.5, pp.416-419, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Retinopathy of prematurity (ROP): From the perspective of the neonatologist**  
KOÇ E., BAŞ A. Y.  
Global Pediatrics, vol.8, 2024 (Scopus)
- II. **Turning over a new page in the national neonatal endocrinological approach**  
ERDEVE Ö., DEMİR K., KOÇ E., Darendeliler F.  
TURK PEDIATRI ARSIVI-TURKISH ARCHIVES OF PEDIATRICS, vol.53, 2018 (ESCI)
- III. **From national newborn guidelines to international consensus**  
ERDEVE Ö., Vural M., DUMAN N., Okumus N., Ovali F., ÖZEK E., KOÇ E.  
TURK PEDIATRI ARSIVI-TURKISH ARCHIVES OF PEDIATRICS, vol.53, 2018 (ESCI)
- IV. **Turkish Neonatal and Turkish Ophthalmology Societies consensus guideline on the retinopathy of prematurity**  
KOÇ E., BAŞ A. Y., ÖZDEK Ş., Ovali F., Basmak H.  
TURK PEDIATRI ARSIVI-TURKISH ARCHIVES OF PEDIATRICS, vol.53, 2018 (ESCI)
- V. **Neonatal effects of thyroid diseases in pregnancy and approach to the infant with increased TSH: Turkish Neonatal and Pediatric Endocrinology and Diabetes Societies consensus report**  
Ozon A., Tekin N., ŞIKLAR Z., Gulcan H., Kara C., TAŞTEKİN A., DEMİR K., KOÇ E., Evliyaoglu O., Kurtoglu S.  
TURK PEDIATRI ARSIVI-TURKISH ARCHIVES OF PEDIATRICS, vol.53, 2018 (ESCI)
- VI. **The relation of fetal and early postnatal serum endoglin levels with birth weight and maternal preeclampsia**  
TURAN Ö., TÜRKYILMAZ C., ELBEG Ş., ÖNAL E. E., ERGENEKON N. E., KOÇ E., ATALAY Y.  
JOURNAL OF CONTEMPORARY MEDICINE, 2018 (Peer-Reviewed Journal)
- VII. **Nitric Oxide Metabolites and Asymmetric Dimethylarginine Concentrations in Breast Milk**  
ÖZTÜRK H., KOÇ E., ÖZGÜRTAŞ T., YEŞİLDAL F., KAZANCI E., AKSU M., KUDRET ÖZCAN E., HIRFANOĞLU İ. M., ÖNAL E. E., TÜRKYILMAZ C., et al.  
GYNECOLOGY OBSTETRICS & REPRODUCTIVE MEDICINE (GORM), vol.23, no.1, pp.41-44, 2017 (Peer-Reviewed)

Journal)

- VIII. **Severe IUGR and Long Duration of Antibiotic Treatment may Overcome the Benefits of Appropriate Feeding Strategies to Prevent Necrotising Enterocolitis**  
AKTAS S., Kazanci E., Unal S., Altuntas N., Kulali F., Ergenekon E., TÜRKYILMAZ C., HIRFANOĞLU İ. M., Onal E. E., KOÇ E., et al.  
GAZI MEDICAL JOURNAL, vol.28, no.3, pp.158-160, 2017 (ESCI)
- IX. **Bebekleri tanı açısından yüksek – standart risk altında olan annelerin duygudurumlarının kısa süreli yardım grupları ile değerlendirilmesi**  
SOYSAL ACAR A. Ş., ERGENEKON N. E., Eroğlu D., ÇITAK E. Ç., KOÇ E., ATALAY Y.  
Psikiyatri Psikoloji Psikofarmakoloji Dergisi, vol.8, no.2, pp.106-111, 2000 (Peer-Reviewed Journal)

## Supported Projects

KOÇ E., Project Supported by Higher Education Institutions, Yenidoğan repsisinin prognoz ve etyopatogenetinde leptin IL-g ve TNF & ' nın rolü, 1999 - 1999

## Memberships / Tasks in Scientific Organizations

International Academy of Perinatal Medicine (IAPM), Vice President, 2023 - Continues, England  
Union of European neonatal and perinatal societies (UENPS), Vice President, 2022 - Continues, Italy  
Turkish Neonatal Society, Chairman, 2015 - Continues, Turkey  
World Association of Perinatal Medicine, Board Member, 2019 - 2023, Spain

## Tasks In Event Organizations

Koç E., 12. UENPS Congress-Polonya, Scientific Congress, Krakow, Poland, Eylül 2022  
Koç E., UNEKO-2022, Scientific Congress, Turkey, Mayıs 2022

## Metrics

Publication: 143  
Citation (WoS): 801  
Citation (Scopus): 945  
H-Index (WoS): 15  
H-Index (Scopus): 17

## Non Academic Experience

Johns Hopkins Üniversitesi Çocuk Kliniği Baltimore, ABD  
Karl Franzens Üniversitesi Graz Avusturya