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### Education Information

Expertise In Medicine, Istanbul University, Istanbul Medical Faculty, Anesteziyoloji Ve Reanimasyon Kliniği, Turkey 1988 - 1992

### Foreign Languages

English, C1 Advanced

### Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Anesthesiology, Reanimation

### Academic Titles / Tasks

Professor, Istanbul University, Istanbul Medical Faculty, Anesteziyoloji Ve Reanimasyon Kliniği, 2000 - Continues

Associate Professor, Istanbul University, Istanbul Medical Faculty, Anesteziyoloji Ve Reanimasyon Kliniği, 1995 - 2000

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

- I. **Elevated sTREM2 and NFL levels in patients with sepsis associated encephalopathy**  
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- IV. **IgG-conjugated Gold Nanoparticles Restore Blood-Brain Barrier Damage in Both in vitro and in vivo Models of Sepsis**  
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- VII. **Hydroxychloroquine-Associated Hypoglycemia in Hemodialysis Patients With COVID-19**  
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- VIII. **Diagnosing acute brain dysfunction due to sepsis**  
Esen F., Orhun G., Özcan P. E., Brenes Bastos A. R., TÜZÜN E. Neurological Sciences, vol.41, no.1, pp.25-33, 2020 (SCI-Expanded)
- IX. **Neuroimaging Findings in Sepsis-Induced Brain Dysfunction: Association with Clinical and Laboratory Findings**  
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- X. **Brain Volume Changes in Patients with Acute Brain Dysfunction Due to Sepsis**  
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- XIII. **36th International Symposium on Intensive Care and Emergency Medicine: Brussels, Belgium. 15-18 March 2016.**  
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- XIV. **Effects of different recruitment maneuvers on bacterial translocation and ventilator- induced lung injury.**  
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- XV. **Effects of intravenous immunoglobulin therapy on behavior deficits and functions in sepsis model**  
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- XVIII. **TREATMENT OF LIVER FAILURE DUE TO MUSHROOM POISONING WITH TWO EXTRACORPOREAL LIVER SUPPORT SYSTEMS**  
Şentürk E., Esen F., Ozcan P. E., Cakar N., Orhun G., Telei L.  
INTENSIVE CARE MEDICINE, vol.37, 2011 (SCI-Expanded)
- XIX. **The Treatment of Acute Liver Failure with Fractionated Plasma Separation and Adsorption System: Experience in 85 Applications**  
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- XX. **Role of magnesium sulfate in postoperative pain management for patients undergoing thoracotomy**  
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- XXI. **The effects of airway pressure and inspiratory time on bacterial translocation**  
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- XXII. **Risk factors for mortality of nosocomial bacteraemia in intensive care units**  
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- XXIII. **ARDS'nin Erken Döneminde Kortikosteroid Tedavisi**  
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- XXV. **Magnezyumun Deneysel Subaraknoid Kanama Sonrası Artmış Kan-Beyin Bariyeri Geçirgenliği ve Beyin Ödemi Gelişimi Üzerine Etkisi**  
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Esen F., Erdem T., Aktan D., Orhan Sungur M., Kaya M., Eraksoy Ö. H., Çakar N., Telci L.  
Critical Care, vol.9, no.1, pp.18-23, 2005 (SCI-Expanded)
- XXIX. **The effects of energy restricted diet on the activities of plasma Cu-ZnSOD, GSH-Px, CAT and TBARS concentrations in late pregnant ewes**  
Oztabak K. Ö., Civelek S., Ozpınar A., Burcak G., Esen F.  
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- XXX. **Comment on: "Safety of percutaneous dilational tracheostomy in patients ventilated with high positive end-expiratory pressure"**  
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- XXXI. **Gastric intramucosal pH is stable during titration of positive end-expiratory pressure to improve oxygenation in acute respiratory distress syndrome**

- Akinci I, Cakar N, Mutlu G, Tugrul S, Ozcan P, Gitmez M, Esen F, Telci L.  
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- XXXII. **Effects of magnesium administration on brain edema and blood-brain barrier breakdown after experimental traumatic brain injury in rats**  
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- XXXIV. **Mekanik Ventilasyonun oluşturduğu akciğer hasarında hiperkarbinin koruyucu rolü**  
ÇAKAR N., Tugrul S., ŞENTÜRK E., ERGİN ÖZCAN P., AKINCI İ. Ö., ESEN F., TELCİ L., AKPIR K.  
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- XXXV. **Reliability of procalcitonin as a severity marker in critically ill patients with inflammatory response**  
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- XXXVI. **Evaluation of effects of magnesium sulphate in reducing intraoperative anaesthetic requirements**  
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- XXXVIII. **Recruitment maneuver: Does it promote bacterial translocation?**  
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- XXXIX. **The effects of IgM-enriched immunoglobulin preparations in patients with severe sepsis [ISRCTN28863830]**  
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- XL. **Kritik hastada jejunal beslenme etkin midir?**  
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- XLIII. **Effect of mechanical ventilation strategies including recruitment maneuver on ventilator-induced lung injury**  
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- XLV. **Time required for partial pressure of arterial oxygen equilibration during mechanical ventilation after a step change in fractional inspired oxygen concentration**  
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- XLVI. **Yoğun Bakımda HELLP Sendromu: 25 olgunun analizi**  
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- XLVII. **"Recruitment" manevrası içeren ventilasyon stratejisinin primer ve sekonder ARDS'de oksijenlenme üzerine etkileri**  
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- I. **The Prognostic Value of Antithrombin Levels in COVID- 19 Patients on İntensive Care Unit Admission**  
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- III. **COVID-19 ARDS Patients Successfully Extubated to Extubated to High-Flow Nasal Cannula Oxygen Therapy: A Retrospective Analysis**  
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- V. **COVID-19 Hastalarında Cinsiyetin Enflamatuvar Belirteçlere Etkisi**  
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- VI. **Effect of Heart Rate Control on Oxygenation and Vasopressor Need in Sepsis and Septic Shock-A Pilot Randomised Controlled Study**  
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- VIII. **Peripartum Cardiomyopathy and Critical Care Follow-Up**  
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- XIII. **Sedasyon Altındaki Yoğun Bakım Hastalarında Magnezyum Düzeyleri ve Deliryum Gelişmesi Üzerine Olan Etkileri**  
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- XIV. **Effect of Magnesium Level to the Development of Delirium in Patients Under Sedation in Intensive Care Unit**  
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- XV. **Effects of extracorporeal liver support systems in liver failure Karaciğer yetersizliğinde uygulanan ekstrakorporeal destek sistemlerinin etkileri**  
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- XVII. **Karaciğer yetersizliğinde uygulanan ekstrakorporeal destek sistemlerinin etkileri**  
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## **Refereed Congress / Symposium Publications in Proceedings**

**I. COMPARISON OF CANDIDA COLONIZATION IN INTENSIVE CARE UNIT PATIENTS WITH AND WITHOUT COVID-19: FIRST PROSPECTIVE COHORT STUDY FROM TURKEY**

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21ST INTERNATIONAL SOCIETY OF HUMAN AND ANIMAL MYCOLOGY CONGRESS (ISHAM), New Delhi, India, 20 - 24 September 2022, pp.298

**II. Preliminary Criteria for Macrophage Activation Syndrome Associated with Coronavirus Disease-19**

Amikishiyev S., Günver M. G., Bektaş M., Aghamuradov S., İnce B., Koca N., Torun E. S., Aliyeva N., Sarı S., Çetin Ç., et al.

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- IV. **Effects of intravenous immunoglobulin (IVIG) on the course of severe COVID-19: results from a retrospective data analysis of a patient cohort in Turkey treated with or without Octagam®.**  
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- V. **COVID-19 ARDS hastalarında yüksek akımlı nazal oksijen tedavisine ekstübasyon başarısının retrospektif olarak değerlendirilmesi**  
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- IX. **İmmünoglobulin Prevent Breakdown Of The Blood brain barrier in experimental sepsis.**  
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## Supported Projects

ORHUN G., ESEN F., Project Supported by Higher Education Institutions, Ağır sepsisin yoğun bakım sonrası uzun dönem kalıcı kognitif fonksiyon bozuklukları ve Alzheimer hastalığı gelişimindeki rolü, 2013 - 2017

## Activities in Scientific Journals

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