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Education Information

Expertise In Medicine, Diğer (Kurumlar,hastaneler Vb.), Ankara Atatürk Training and Research Hospital, Medical Biochemistry, Turkey 2011 - 2015

Under Graduate, Selcuk University, Meram School Of Medicine, Turkey 2004 - 2010

Foreign Languages

English, B1 Intermediate

Dissertations

Expertise In Medicine, Toplam antioksidan kapasiteyi ölçen yöntemlerin karşılaştırılması, Diğer (Kurumlar,hastaneler Vb.), 2015

Research Areas

Health Sciences

Academic Titles / Tasks

Assistant Professor, Ankara Yildirim Beyazıt University, Tıp Fakültesi, Temel Tıp Bilimleri, 2020 - Continues

Expert, Diğer (Kurumlar,hastaneler Vb.), Gaziantep 25 Aralık State Hospital, Biyokimya Laboratuvarı, 2015 - 2020

Research Assistant, Diğer (Kurumlar,hastaneler Vb.), Ankara Atatürk Training and Research Hospital, 2011 - 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Are serum levels of ADAMTS5, TAS and TOS at 24-28 gestational weeks associated with adverse perinatal outcomes in gestational diabetic women?**

Ozler S., Oztas E., Guler B. G., EREL Ö., Caglar A. T., Ergin M., Uygur D., Danisman N.

Journal of obstetrics and gynaecology : the journal of the Institute of Obstetrics and Gynaecology, vol.40, pp.619-625, 2020 (Journal Indexed in SCI Expanded)

- II. **A remarkable point for evaluating the severity of burns: Thiol-disulfide profile.**

Ergin Tuncay M., Erkalıç A., Gunes A., Nural C., EREL Ö.

Burns : journal of the International Society for Burn Injuries, vol.46, no.4, pp.882-887, 2020 (Journal Indexed in

SCI Expanded)

- III. **Dynamic Thiol/Disulfide Homeostasis in Predicting Adverse Neonatal Outcomes in Fetal Growth Restriction.**
Ozler S., Oztas E., Guler B. G. , EREL Ö., Caglar A. T. , Ergin M., Danisman N.
Fetal and pediatric pathology, vol.39, pp.132-144, 2020 (Journal Indexed in SCI Expanded)
- IV. **The Variation of Disulfides in the Progression of Type 2 Diabetes Mellitus.**
Ergin M., Aydin C., Yurt E., Cakir B., Erel O.
Experimental and clinical endocrinology & diabetes : official journal, German Society of Endocrinology [and] German Diabetes Association, vol.128, pp.77-81, 2020 (Journal Indexed in SCI Expanded)
- V. **How does thiol/disulfide homeostasis change in children with type 1 diabetes mellitus?**
Durmus S. Y. , Sahin N. M. , Ergin M., Neselioglu S., Aycan Z., EREL Ö.
Diabetes research and clinical practice, vol.149, pp.64-68, 2019 (Journal Indexed in SCI Expanded)
- VI. **Comparison of Serum A Disintegrin and Metalloproteinase with Thrombospondin Motifs-19 Levels in Different Fertility Situations: Could It Be a Serum Marker of Ovarian Function and Oocyte Pool?**
Ersoy E., Ozler S., Oztas E., Ersoy A. O. , Ergin M., Tokmak A., Yilmaz N.
Gynecologic and obstetric investigation, vol.84, no.1, pp.6-11, 2019 (Journal Indexed in SCI Expanded)
- VII. **The Role of Follicular Fluid Thiol/Disulphide Homeostasis in Polycystic Ovary Syndrome**
TOLA E. N. , Koroglu N., Ergin M., ORAL H. B. , TURGUT A., EREL Ö.
Balkan medical journal, vol.35, no.4, pp.306-310, 2018 (Journal Indexed in SCI Expanded)
- VIII. **The effect of tinea versicolor on thiol/disulphide homeostasis.**
Kilinc F., Akbas A., Sener S., Ergin M., Baran P., Metin A.
Postepy dermatologii i alergologii, vol.35, no.3, pp.299-303, 2018 (Journal Indexed in SCI Expanded)
- IX. **A retrospective controlled study of thiol disulfide homeostasis as a novel marker in Crimean Congo hemorrhagic fever.**
Tufan Z., Hasanoglu I., Kolgelier S., Alisik M., Ergin M., Yilmaz G. R. , Tasyaran M. A. , Erel O., Guner R.
Redox report : communications in free radical research, vol.22, no.6, pp.241-245, 2017 (Journal Indexed in SCI Expanded)
- X. **The effects of transport by car on coagulation tests.**
Ergin M., Erdogan S., Akturk O., Erel O.
Clinical chemistry and laboratory medicine, vol.55, pp.1943-1947, 2017 (Journal Indexed in SCI Expanded)
- XI. **Maternal venous SHARP1 levels in preeclampsia.**
Ersoy A., Oztas E., Ozler S., Tokmak A., Ersoy E., Ergin M., Danisman N.
Journal of perinatal medicine, vol.45, pp.803-808, 2017 (Journal Indexed in SCI Expanded)
- XII. **Serum and Aqueous Humor Levels of Fetuin-A in Pseudoexfoliation Syndrome.**
Yuksel N., Takmaz T., Ozel T., Ergin M., Altinkaynak H., Bilgihan A.
Current eye research, vol.42, pp.1378-1381, 2017 (Journal Indexed in SCI Expanded)
- XIII. **Investigation of thiol-disulphide balance in patients with acute urticaria and chronic spontaneous urticaria.**
Akbas A., Kilinc F., Sener S., AKTAŞ A., Baran P., Ergin M.
Cutaneous and ocular toxicology, vol.36, no.3, pp.205-210, 2017 (Journal Indexed in SCI Expanded)
- XIV. **Decreased oxidative stress may contribute to the disease process in placenta accreta**
Oztas E., Ozler S., Ergin M., EREL Ö., Gumus Guler B., Caglar A. T. , Yucel A., Uygur D., Danisman N.
Turkish journal of medical sciences, vol.47, no.4, pp.1180-1184, 2017 (Journal Indexed in SCI Expanded)
- XV. **Deteriorations of pulmonary function, elevated carbon monoxide levels and increased oxidative stress amongst water-pipe smokers.**
Yalcin F. K. , Er M., HASANOĞLU H. C. , Kilic H., Senturk A., KARALEZLİ A., Ergin M., EREL Ö.
International journal of occupational medicine and environmental health, vol.30, no.5, pp.731-742, 2017 (Journal Indexed in SCI Expanded)
- XVI. **Dynamic thiol/disulfide homeostasis in patients with age-related macular degeneration.**
Aktaş S., Sağdıç H., Tetikoğlu M., Aktaş H., Özcura F., Uçar F., Alışık M., Ergin M.
Arquivos brasileiros de oftalmologia, vol.80, pp.234-237, 2017 (Journal Indexed in SCI Expanded)

- XVII. **Follicular ADAMTS-1 and aggrecan levels in polycystic ovary syndrome.**
Tola E, Karatopuk D, Koroglu N, Ergin M, Oral H.
Journal of assisted reproduction and genetics, vol.34, pp.811-816, 2017 (Journal Indexed in SCI Expanded)
- XVIII. **Impaired Thiol-Disulfide Balance in Acute Brucellosis.**
Kolgelier S, Ergin M, DEMİR L. S. , İNKAYA A. Ç. , DEMİR N. A. , Alisik M., EREL Ö.
Japanese journal of infectious diseases, vol.70, no.3, pp.258-262, 2017 (Journal Indexed in SCI Expanded)
- XIX. **Role of Versican and ADAMTS-1 in Polycystic Ovary Syndrome.**
Özler S, Öztaş E, Tokmak A, Ergin M, Kuru P, Gümüş G, Yakut H, Yılmaz N.
Journal of clinical research in pediatric endocrinology, vol.9, pp.24-30, 2017 (Journal Indexed in SCI Expanded)
- XX. **A comprehensive study of oxidative stress in sudden hearing loss.**
Gul F, Muderris T, Yalciner G, Sevil E, Bercin S, Ergin M, BABADEMEZ M. A. , KIRIŞ M.
European archives of oto-rhino-laryngology : official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS) : affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery, vol.274, no.3, pp.1301-1308, 2017 (Journal Indexed in SCI Expanded)
- XXI. **Impact of Gestational Diabetes Mellitus and Maternal Obesity on Cord Blood Dynamic Thiol/Disulfide Homeostasis.**
Ozler S, Oztas E, EREL Ö, Guler B. G. , Ergin M, Uygur D, Danisman N.
Fetal and pediatric pathology, vol.36, no.1, pp.8-15, 2017 (Journal Indexed in SCI Expanded)
- XXII. **The effects of adding ischemic preconditioning during desflurane inhalation anesthesia or propofol total intravenous anesthesia on pneumoperitoneum-induced oxidative stress.**
Karabayirli S, Surgit O, Kasikara H, BİÇER C, Ergin M, Demircioglu R. I. , Muslu B.
Acta chirurgica Belgica, vol.117, no.1, pp.36-44, 2017 (Journal Indexed in SCI Expanded)
- XXIII. **A New Kinetic, Automated Assay to Determine the Ferroxidase Activity of Ceruloplasmin.**
NEŞELİOĞLU S, Ergin M, EREL Ö.
Analytical sciences : the international journal of the Japan Society for Analytical Chemistry, vol.33, no.12, pp.1339-1344, 2017 (Journal Indexed in SCI Expanded)
- XXIV. **A Novel Tool for the Assessment Oxidative Stress in Age-Related Macular Degeneration: Thiol/Disulfide Homeostasis Revisited.**
Yorgun M. A. , Toklu Y, Altinkaynak H, Tanriverdi B, Ergin M, Bicer C.
Current eye research, vol.41, no.12, pp.1584-1589, 2016 (Journal Indexed in SCI Expanded)
- XXV. **Disulfide stress in carbon monoxide poisoning.**
Ergin M, Caliskanturk M, Senat A, Akturk O, EREL Ö.
Clinical biochemistry, vol.49, pp.1243-1247, 2016 (Journal Indexed in SCI Expanded)
- XXVI. **Thiol/disulfide homeostasis in predicting adverse perinatal outcomes at 24-28 weeks of pregnancy in gestational diabetes.**
Ozler S, Oztas E, Caglar A. T. , Uygur D, Ergin M, EREL Ö, Danisman N.
The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians, vol.29, no.22, pp.3699-704, 2016 (Journal Indexed in SCI Expanded)
- XXVII. **The association of thiol/disulphide homeostasis and lipid accumulation index with cardiovascular risk factors in overweight adolescents with polycystic ovary syndrome.**
Ozler S, Oztas E, Tokmak A, Ergin M, Isci E, Eren F, Pehlivan S, NEŞELİOĞLU S, Yılmaz N.
Clinical endocrinology, vol.84, no.4, pp.516-23, 2016 (Journal Indexed in SCI Expanded)
- XXVIII. **Increased levels of serum clusterin is associated with intrauterine growth restriction and adverse pregnancy outcomes in preeclampsia.**
Oztas E, Ozler S, Ersoy A. O. , Iskender C. T. , Sucak A., Ergin M, Uygur D, Danisman N.
Journal of perinatal medicine, vol.44, no.3, pp.269-75, 2016 (Journal Indexed in SCI Expanded)
- XXIX. **Placental ADAMTS-12 Levels in the Pathogenesis of Preeclampsia and Intrahepatic Cholestasis of Pregnancy.**
Oztas E, Ozler S, Ersoy A. O. , Erkenekli K, Sucak A., Ergin M, Uygur D, Danisman N.
Reproductive sciences (Thousand Oaks, Calif.), vol.23, no.4, pp.475-81, 2016 (Journal Indexed in SCI Expanded)

- XXX. **Decreased placental and maternal serum TRAIL-R2 levels are associated with placenta accreta.**
Oztas E., Ozler S., Ersoy A. O. , Ersoy E., Caglar A. T. , Uygur D., Yucel A., Ergin M., Danisman N.
Placenta, vol.39, pp.1-6, 2016 (Journal Indexed in SCI Expanded)
- XXXI. **Increased levels of serum granzyme-B is associated with insulin resistance and increased cardiovascular risk in adolescent polycystic ovary syndrome patients.**
Oztas E., Ozler S., Tokmak A., Yilmaz N., Celik H. T. , Kazanci F. H. , Danisman N., Ergin M., Yakut H. I.
European journal of obstetrics, gynecology, and reproductive biology, vol.198, pp.89-93, 2016 (Journal Indexed in SCI Expanded)
- XXXII. **Prediction of gestational diabetes mellitus by first trimester serum secreted frizzle-related protein-5 levels.**
Oztas E., Ozler S., Ersoy E., Ersoy A. O. , Tokmak A., Ergin M., Uygur D., Danisman N.
The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians, vol.29, no.9, pp.1515-9, 2016 (Journal Indexed in SCI Expanded)
- XXXIII. **ADAMTS4 and Oxidative/Antioxidative Status in Preterm Premature Rupture of Membranes.**
Ozler S., Oztas E., Guler B. G. , Ergin M., Uygur D., Yucel A., EREL Ö., Danisman N.
Fetal and pediatric pathology, vol.35, no.4, pp.239-50, 2016 (Journal Indexed in SCI Expanded)
- XXXIV. **Maternal and fetal serum levels of caspase-cleaved fragments of cytokeratin-18 in intrahepatic cholestasis of pregnancy.**
Ersoy A., Kirbas A., Ozler S., Ersoy E., Ozgu-Erdinc A., Ergin M., Erkaya S., Uygur D., Danisman N.
The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians, vol.29, pp.562-6, 2016 (Journal Indexed in SCI Expanded)
- XXXV. **Role of ADAMTS5 in Unexplained Fetal Growth Restriction (FGR).**
Ozler S., Oztas E., Guler B. G. , Pehlivan S., Kadioglu N., Ergin M., Uygur D., Danisman N.
Fetal and pediatric pathology, vol.35, no.4, pp.220-30, 2016 (Journal Indexed in SCI Expanded)
- XXXVI. **Oxidative stress markers in severe preeclampsia and preeclampsia-related perinatal morbidity - preliminary report.**
Oztas E., Ozler S., Tokmak A., EREL Ö., Ergin M., Uygur D., Danisman N.
Ginekologia polska, vol.87, no.6, pp.436-41, 2016 (Journal Indexed in SCI Expanded)
- XXXVII. **Effects of everolimus on a rat model of cerulein-induced experimental acute pancreatitis.**
Ozkardes A. B. , Bozkurt B., Dumlu E. G. , Tokac M., Yazgan A. K. , Ergin M., EREL Ö., KILIÇ M.
Ulusal cerrahi dergisi, vol.31, no.4, pp.185-91, 2015 (Journal Indexed in SCI Expanded)
- XXXVIII. **Serum Thiol/Disulphide Homeostasis in Preeclampsia.**
Ozler S., EREL Ö., Oztas E., Ersoy A. O. , Ergin M., Sucak A., NEŞELİOĞLU S., Uygur D., Danisman N.
Hypertension in pregnancy, vol.34, no.4, pp.474-485, 2015 (Journal Indexed in SCI Expanded)
- XXXIX. **Oxidative Stress and Lipid Peroxidation in the Ischemic Small Intestine: Pathological and Biochemical Evaluation in a Rat model of Superior Mesenteric Ischemia**
Dumlu E. G. , Bozkurt B., Tokac M., Kiyak G., Ozkardes A. B. , Ergin M., Yazgan A., KILIÇ M.
International surgery, vol.99, no.6, pp.868-874, 2014 (Journal Indexed in SCI Expanded)
- XL. **Correlation between the serum and tissue levels of oxidative stress markers and the extent of inflammation in acute appendicitis**
Dumlu E. G. , Tokac M., Bozkurt B., Yildirim M. B. , Ergin M., YALÇIN A., KILIÇ M.
Clinics, vol.69, no.10, pp.677-682, 2014 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Dynamic Thiol/Disulfide Balance in Patients with Seborrhic Dermatitis: A Case-Control Study.**
Emre S., Kalkan G., Erdoğan S., Aktaş A., Ergin M.
Saudi journal of medicine & medical sciences, vol.8, pp.12-16, 2020 (Refereed Journals of Other Institutions)

- II. **Comparison of the Effects of Sevoflurane and Desflurane on Thiol-Disulfide Homeostasis in Patients Undergoing Laparoscopic Cholecystectomy.**
Ozcan A. T. D. , Doger C., ÖZTÜRK L., Yungul A., Kurtsahin M., NEŞELİOĞLU S., Ergin M., BUT A.
The Eurasian journal of medicine, vol.51, no.1, pp.70-74, 2019 (Refereed Journals of Other Institutions)
- III. **The Association between N-terminal Pro-Brain Natriuretic Peptide Levels in the Umbilical Vein and Amniotic Fluid Volume Abnormalities.**
Ersoy A., Ozler S., Oztas E., Ersoy E., Ergin M., Erkaya S., Uygur D.
Revista brasileira de ginecologia e obstetricia : revista da Federacao Brasileira das Sociedades de Ginecologia e Obstetricia, vol.38, pp.177-82, 2016 (Refereed Journals of Other Institutions)
- IV. **Decreased HDL-Dependent Paraoxonase and Arylesterase Enzyme Activity May Indicate a Worse Prognosis in Multiple Myeloma**
Ellidag H. Y. , Aydin O., Eren E., Yilmaz N., ERGİN TUNÇAY M.
Asian Pacific Journal Of Cancer Prevention, vol.15, no.22, pp.9847-9851, 2014 (Refereed Journals of Other Institutions)

Citations

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