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Education Information

Expertise In Medicine, Istanbul University, Istanbul Medical Faculty, Division Of Medical Sciences , Turkey 2016 - 2020

Undergraduate, Istanbul University, Istanbul Medical Faculty, Tip, Turkey 2009 - 2015

Research Areas

Health Sciences

Academic Titles / Tasks

Assistant Professor, Istanbul University, Istanbul Medical Faculty, Division of Medical Sciences , 2022 - Continues

Research Assistant PhD, Istanbul University, Istanbul Medical Faculty, Division of Medical Sciences , 2016 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of DNA repair gene variants on COVID-19 disease: susceptibility, severity, and clinical course**
Senkal N., Serin I., PEHLİVAN S., Pehlivan M., Medetalibeyoglu A., Cebeci T., Konyaoglu H., Oyacı Y., Sayın G. Y., Isoglu-Alkac U., et al.
Nucleosides, Nucleotides and Nucleic Acids, 2023 (SCI-Expanded)
- II. **Criteria for hyperinflammation developing in coronavirus disease-19: analysis of two cohorts from different periods of the pandemic.**
Amikishiyev S., Gunver M. G., Bektas M., Aghamuradov S., Ince B., Koca N., Torun E. S., Aliyeva N., Sari S., Cetin C., et al.
Arthritis & rheumatology (Hoboken, N.J.), 2022 (SCI-Expanded)
- III. **Comparison of clinical characteristics and outcome measures of PCR-positive and PCR-negative patients diagnosed as COVID-19: Analyses focusing on the older adults**
Senkal N., Bahat G., Medetalibeyoglu A., Cebeci T., Deniz D., Catma Y., Oren M. M., Caparali E. B., Bayrakdar S., Basaran S., et al.
Experimental Gerontology, vol.170, 2022 (SCI-Expanded)
- IV. **Severe vitamin D deficiency is associated with endothelial inflammation in healthy individuals even in the absence of subclinical atherosclerosis.**
Kose M., Senkal N., Tukek T., Cebeci T., Atalar S. C., Altinkaynak M., Arici H., Genc S., Catma Y., Kocaaga M., et al.
European review for medical and pharmacological sciences, vol.26, no.19, pp.7046-7052, 2022 (SCI-Expanded)

- V. **Symptomatology and imaging findings in early post-Covid period: A comparative study in older vs younger patients.**
Bahat G., Medetalibeyoglu A., Senkal N., Cebeci T., Oren M. M., Basaran S., Arici H., Catma Y., Kose M., Karan M. A., et al.
Experimental gerontology, vol.167, pp.111907, 2022 (SCI-Expanded)
- VI. **Immune modulation as a consequence of SARS-CoV-2 infection**
Gelmez M. Y., Öktelek F. B., Tahralı İ., Yılmaz V., Küçüksezer U. C., Akdeniz N., Çetin E., Köse M., Çınar Ç., Oğuz F., et al.
FRONTIERS IN IMMUNOLOGY, vol.13, 2022 (SCI-Expanded)
- VII. **Investigation of *MBL2* and *NOS3* functional gene variants in suspected COVID-19 PCR (-) patients.**
Pehlivan S., Köse M., Mese S., Serin I., Senkal N., Oyacı Y., Medetalibeyoglu A., Pehlivan M., Sayın G., Isoglu-Alkac Ü., et al.
Pathogens and global health, vol.116, no.3, pp.178-184, 2022 (SCI-Expanded)
- VIII. **Acute kidney injury in hospitalized COVID-19 patients.**
Kanbay M., Medetalibeyoglu A., Kanbay A., Cevik E., Tanriover C., Baygul A., Senkal N., Konyaoglu H., Akpınar T. S., Kose M., et al.
International urology and nephrology, vol.54, no.5, pp.1097-1104, 2022 (SCI-Expanded)
- IX. **Interstitial lung disease in patients with systemic lupus erythematosus: a cohort study**
Senkal N., Kiyani E., Demir A. A., Yalcinkaya Y., Gül A., Inanc M., Ocal M. L., Esen B. A.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.52, no.1, pp.76-82, 2022 (SCI-Expanded)
- X. **The suppressor of cytokine signaling-1 (SOCS1) gene polymorphism and promoter methylation correlate with the course of COVID-19**
Tukek T., PEHLİVAN S., Medetalibeyoglu A., Serin I., Oyacı Y., Arıcı H., Senkal N., Pehlivan M., Isoglu-Alkac U., Kose M.
Pathogens and Global Health, 2022 (SCI-Expanded)
- XI. **Would Tracking Coagulation Together with Inflammation Markers be a Prospect for COVID-19 Disease Prognosis?**
MEDETALİBEYOĞLU A., Kaytaz M., Senkal N., Genc S., Aktar I., ÖMER B., ÖNCÜL M. O., TÜKEK T.
CLINICAL LABORATORY, vol.68, pp.1159-1166, 2022 (SCI-Expanded)
- XII. **High Levels of Circulating IL-6 and IL-8 Signature Can Predict COVID-19 Severity**
Ozgun D., Karamese M., MEDETALİBEYOĞLU A., ALKAN O., Senkal N., Tutuncu E. E.
JUNDISHAPUR JOURNAL OF MICROBIOLOGY, vol.14, no.10, 2021 (SCI-Expanded)
- XIII. **PULMONARY INVOLVEMENT IN A SINGLE CENTER COHORT OF PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS**
Senkal N., Kiyani E., Kocasoy-Orhan E., Demir A., Aydoğan S. M., Yalcinkaya Y., Gul A., Inanc M., Ocal M. L., Artim-Esen B.
ANNALS OF THE RHEUMATIC DISEASES, vol.80, pp.1191, 2021 (SCI-Expanded)
- XIV. **Wide QRS Complex and Lateral ST-T Segment Abnormality Are Associated With Worse Clinical Outcomes in COVID-19 Patients**
Sonsoz M. R., ÖNCÜL A., ÇEVİK E., ORTA H., Yılmaz M., Govdeli E. A., NALBANT A., DEMİRTAKAN Z. G., TONYALI M., DURMUŞ D., et al.
AMERICAN JOURNAL OF THE MEDICAL SCIENCES, vol.361, no.5, pp.591-597, 2021 (SCI-Expanded)
- XV. **Mannose binding lectin gene 2 (rs1800450) missense variant may contribute to development and severity of COVID-19 infection.**
Medetalibeyoglu A., Bahat G., Senkal N., Kose M., Avcı K., Sayın G., Isoglu-Alkac Ü., Tukek T., Pehlivan S.
Infection, genetics and evolution : journal of molecular epidemiology and evolutionary genetics in infectious diseases, vol.89, pp.104717, 2021 (SCI-Expanded)
- XVI. **Cardiovascular view of intermediate and high-risk COVID-19 patients: single-centre experience with low mortality and intensive care hospitalisation rates.**
Medetalibeyoglu A., Emet S., Senkal N., Aydogan M., Kose M., Tukek T.
Cardiovascular journal of Africa, vol.32, no.2, pp.79-86, 2021 (SCI-Expanded)
- XVII. **Serum Endocan Levels on Admission Are Associated With Worse Clinical Outcomes in COVID-19**

Patients: A Pilot Study.

Medetalibeyoglu A., Emet S., Kose M., Akpınar T. S., Senkal N., Catma Y., Kaytaz A. M., Genc S., Omer B., Tukek T.
Angiology, vol.72, no.2, pp.187-193, 2021 (SCI-Expanded)

- XVIII. **Pulmonary Involvement in a Single Center Cohort of Patients with Systemic Lupus Erythematosus**
Senkal N., KIYAN E., Kocasoy-Orhan E., Demir A., AYDOĞAN M., YALÇINKAYA Y., GÜL A., İNANÇ M., Ocal M. L., Artım-Esen B.
ARTHRITIS & RHEUMATOLOGY, vol.72, 2020 (SCI-Expanded)
- XIX. **Covid-19: Correlation of Early Chest Computed Tomography Findings With the Course of Disease.**
Erturk Ş. M., Durak G., Ayyıldız H., Comert R. G., Medetalibeyoglu A., Senkal N., Uysal E., Tunaci A.
Journal of computer assisted tomography, vol.44, no.5, pp.633-639, 2020 (SCI-Expanded)
- XX. **Older Adults Hospitalized with Covid-19: Clinical Characteristics and Early Outcomes from a Single Center in Istanbul, Turkey**
MEDETALİBEYOĞLU A., Senkal N., KÖSE M., ÇATMA Y., Caparali E. B., ERELEL M., ÖNCÜL M. O., BAHAT-ÖZTÜRK G., TÜKEK T.
JOURNAL OF NUTRITION HEALTH & AGING, vol.24, no.9, pp.928-937, 2020 (SCI-Expanded)
- XXI. **Characteristics of the initial patients hospitalized for COVID-19: a single-center report**
Medetalibeyoğlu A., Şenkal N., Çapar G., Köse M., Tükek T.
Turkish journal of medical sciences, vol.50, no.5, pp.1436-1439, 2020 (SCI-Expanded)
- XXII. **Association between chronic ACE inhibitor exposure and decreased odds of severe disease in patients with COVID-19.**
Şenkal N., Meral R., Medetalibeyoğlu A., Konyaoğlu H., Kose M., Tukek T.
Anatolian journal of cardiology, vol.24, no.1, pp.21-29, 2020 (SCI-Expanded)
- XXIII. **The effect of liver test abnormalities on the prognosis of COVID-19.**
Medetalibeyoglu A., Catma Y., Senkal N., Ormeci A., Cavus B., Kose M., Bayramlar O. F., Yildiz G., Akyuz F., Kaymakoglu S., et al.
Annals of hepatology, vol.19, no.6, pp.614-621, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **ASSOCIATING eNOS GENE VARIANTS WITH COVID-19 SUSCEPTIBILITY IN THE TURKISH POPULATION
TÜRK POPÜLASYONUNDA COVID-19 DUYARLILIĞI İLE eNOS VARYANTLARININ İLİŞKİSİ**
Şenkal N., Oyaci Y., Cebeci T., Konyaoğlu H., Köse M., Önel M., Medetalibeyoğlu A., Yeşil Sayın G., Pehlivan M., PEHLİVAN S., et al.
Istanbul Tıp Fakültesi Dergisi, vol.86, no.1, pp.1-6, 2023 (Scopus)
- II. **Dipyridamole does not have any additive effect on the prevention of COVID-19 coagulopathy.**
Kalayoglu Besisik S., Ozbalak M., Tor Y. B., Medetalibeyoglu A., Kose M., Senkal N., Cagatay A., Erelel M., Gul A., Esen F., et al.
American journal of blood research, vol.12, no.2, pp.54-59, 2022 (ESCI)
- III. **PATIENT CHARACTERISTICS AND RISK FACTORS FOR MORTALITY IN 504 HOSPITALIZED PATIENTS DUE TO COVID-19**
Medetalibeyoglu A., Ezirmik E., Senkal N., Bayrakdar S., Aktar I., Akas R., Yilmaz E., Arici H., Kose M., Akpınar T. S., et al.
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESİ DERGISİ, vol.85, pp.1-8, 2022 (ESCI)
- IV. **Is There a Link between Circadian Clock Protein PERIOD 3 (PER3) (rs57875989) Variant and the Severity of COVID-19 Infection?**
Yesil Sayin G., Pehlivan S., Serin I., Medetalibeyoglu A., Kose M., Agacfidan A., Senkal N., Isoglu-Alkac Ü., Tukek T.
Current medical science, vol.41, no.6, pp.1075-1080, 2021 (Scopus)
- V. **COVID-19 and Diabetes Mellitus: Are there any Differences in Outcomes with Anti-Diabetic Drugs?**
ÇAKMAK R., TELCİ ÇAKLILI Ö., ÇELİK A. M., MUTLU Ü., Nasıfova V., SARİBEYLİLER G., Alibeyoğlu A., ÇATMA Y., ŞENKAL N., KÖSE M.

Turkish Journal of Diabetes and Obesity, vol.5, no.3, pp.279-284, 2021 (Peer-Reviewed Journal)

- VI. **Post-COVID-19 Management: Comprehensive Assessment at Post-COVID-19 Monitoring Centre**
BAHAT-ÖZTÜRK G., Günaydın S., MEDETALİBEYOĞLU A., Çatma Y., ŞENKAL N., ÖREN M. M., BAŞARAN S., KÖSE M., KARAN M. A., TÜKEK T.
European journal of geriatrics and gerontology (Online), vol.3, no.2, pp.101-107, 2021 (Peer-Reviewed Journal)
- VII. **Initial complete blood count score and predicting disease progression in COVID-19 patients.**
Ozbalak M. M., Kalayoglu Besisik S., Tor Y. B., Medetalibeyoglu A., Kose M., Senkal N., Aksoy E., Cagatay A., Erelel M., Gul A., et al.
American journal of blood research, vol.11, no.1, pp.77-83, 2021 (ESCI)
- VIII. **Effect of Lipid Emulsion on the Improvement of Renal Damage in Colistin- Induced Nephrotoxicity.**
Senkal N., Atasoy O., Caparali E. B., Erdogan M. A., Erbas O.
Current drug safety, vol.16, no.3, pp.259-263, 2021 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. Altunok D., Çetin O., Bektaş E., Şenkal N., Yazıcı H., Köse M., Medetalibeyoğlu A.
24. Ulusal İç Hastalıkları Kongresi, Antalya, Turkey, 19 - 23 October 2022, pp.179
- II. **COVID-19 İMMÜNOLOJİSİ İÇİN YENİ FİKİRLER: SİTOKİN SİNYALLEME BASKILAYICISI-1 (SOCS-1) GENİ rs33989964 POLİMORFİZMİ, GLOBAL DNA VE SOCS-1 GEN PROMOTÖRÜ METİLASYONU**
Tükek T., Pehlivan S., Medetalibeyoğlu A., Serin İ., Oyacı Y., Arıcı H., Pehlivan M., Şenkal N., İšoğlu Ü.
7. ULUSLARARASI ERCİYES BİLİMSEL ARAŞTIRMALAR KONGRESİ, Kayseri, Turkey, 9 - 10 March 2022, pp.159-168
- III. **Covid-19 Tanısı Konulan Hastalarda İnterlökin-17'nin Patojenik Varyantının (Rs763780) Laboratuvar Ve Siliko Analizi**
Oyacı Y., Şenkal N., Medetalibeyoğlu A., Yeşil Sayın G., Köse M., Pehlivan M., Önel M., Tunçel F. C., Pehlivan S., İšoğlu Ü., et al.
VIII. International Congress Of Molecular Medicine, İstanbul, Turkey, 9 - 12 November 2021, pp.10
- IV. **COVID-19 PCR (-) Hastalarda Mb12 Ve Nos3 Fonksiyonel Gen Varyantlarının Araştırılması**
Pehlivan S., Köse M., Meşe S., Serin I., Şenkal N., Oyacı Y., Medetalibeyoğlu A., Pehlivan M., Yeşil Sayın G., İšoğlu Ü., et al.
Tıbbi Biyoloji ve Genetik Kongresi, İstanbul, Turkey, 28 - 31 October 2021, pp.105
- V. **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.
American College of Rheumatology 2021, Arizona, United States Of America, 5 - 09 November 2021, vol.10, no.73, pp.1-4
- VI. **Dna Onarım Gen Varyantları (Xrcc4 Ve Xrcc1) İle Covid-19 Enfeksiyonu Arasında Bir Bağlantı Olabilir Mi?**
Köse M., Serin I., Pehlivan S., Şenkal N., Pehlivan M., Medetalibeyoğlu A., Oyacı Y., Yeşil Sayın G., İšoğlu Ü., Tükek T.
Euroasia Summit 4th International Applied Science Congress, Odessa, Ukraine, 10 - 11 September 2021, vol.1, no.1, pp.125-132
- VII. **The potential role of innate lymphoid cells in COVID-19 patients**
Gelmez M. Y., Öktelek F. B., Tahralı İ., Yılmaz A., Akdeniz N., Küçüksezer U. C., Şenkal N., Köse M., Deniz G.
6th European Congress of Immunology, Belgrade, Serbia, 1 - 04 September 2021, pp.135
- VIII. **COVID-19 Hastalarında Endotel Nitrik Oksit Sentetaz Geninin (rs1799983 ve Intron 4a/b VNTR) Fonksiyonel Varyantlarının Araştırılması**
Şenkal N., Oyacı Y., Köse M., Medetalibeyoğlu A., Önel M., Yeşil Sayın G., Pehlivan M., Pehlivan S., Tükek T., İšoğlu Ü.
International Symposium On Global Pandemics And Multidisciplinary Covid-19 Studies , Ankara, Turkey, 19 - 20 March 2021, pp.1-7
- IX. **CASTLEMAN HASTALIĞI'NIN NADIR BİR FORMU: TAFRO SENDROMU**
Ük E., DİRİM A. B., MEDETALİBEYOĞLU A., AKIN A., ŞENKAL N., ERDEM S., KÖSE M., BEŞİŞİK S.

Geleneksel İç Hastalıkları Günleri İnteraktif Güncelleştirme, İstanbul, Turkey, 11 March 2021

- X. **SARS-CoV-2 Enfekte Hastalarda Proliferatif Yanıt Değişimleri**
Küçüksezer U. C., Öktelik F. B., Tahralı İ., Yılmaz A., Akdeniz N., Gelmez M. Y., Şenkal N., Çetin E., Köse M., Deniz G.
25. Ulusal İmmünoloji Kongresi , 20 - 22 November 2020, pp.49
- XI. **COVID-19 Hastalarında Doğal Lenfoid Hücrelerinin Rolü**
Gelmez M. Y., Öktelik F. B., Tahralı İ., Yılmaz A., Akdeniz N., Küçüksezer U. C., Şenkal N., Çetin E., Köse M., Deniz G.
25. Ulusal İmmünoloji Kongresi (Dijital Kongre), 20 - 22 November 2020, pp.40
- XII. **TİROZİN KİNAZ İNHİBİTÖRÜ (TKI) DİRENCİ VEYA İLAÇ KULLANIMINA UYUM SORUNU: KRONİK FAZ KML İMATİNİB ALTINDA APSELEŞMEYE İLERLEYEN DALAK İNFAKTI; OLGU SUNUMU**
ŞENKAL N., ERDEM S., ÖZTÜRK C. K., İSTEMİHAN Z., KALAYOĞLU BEŞİŞİK S.
3. Hematolojik Onkoloji Kongresi, 21 - 24 September 2016, pp.67-69

Metrics

Publication: 43

Citation (WoS): 149

Citation (Scopus): 144

H-Index (WoS): 8

H-Index (Scopus): 6

Congress and Symposium Activities

21.Ulusal İç Hastalıkları Kongresi, Attendee, Turkey, 2019

Geleneksel İç Hastalıkları Günleri 2019, Attendee, Turkey, 2019

20.Ulusal İç Hastalıkları Kongresi, Attendee, Antalya, Turkey, 2018

Geleneksel İç Hastalıkları Günleri 2018, Attendee, Sakarya, Turkey, 2018

Ulusul İç Hastalıkları Kongresi, Attendee, Antalya, Turkey, 2017

Uzmandan Uzmana İç Hastalıkları Güncelleme Toplantısı, Attendee, Turkey, 2017

Geleneksel İç Hastalıkları Günleri 2017, Attendee, Sakarya, Turkey, 2017

Ulusal Diyabet Akademisi, Attendee, Turkey, 2016

3.HEMATOLOJİK ONKOLOJİ KONGRESİ, Attendee, Girne, Cyprus (Kkct), 2016