

## Assoc. Prof. ÜMMÜŞEN KAYA AKCA

### Personal Information

Office Phone: [+90 242 249 6520](tel:+902422496520)

Email: [ummusenkaya@akdeniz.edu.tr](mailto:ummusenkaya@akdeniz.edu.tr)

Web: <https://avesis.akdeniz.edu.tr/ummusenkaya>

### International Researcher IDs

ScholarID: 70PCHNgAAAAJ

ORCID: 0000-0002-0426-9432

Publons / Web Of Science ResearcherID: ACZ-4850-2022

ScopusID: 57210590659

### Education Information

Expertise In Medicine, Akdeniz University, Faculty Of Medicine, Çocuk Sağlığı Ve Hastalıkları Anabilimdalı, Turkey 2012 - Continues

Expertise In Medicine, Akdeniz University, Faculty Of Medicine, Turkey 2004 - 2011

### Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Child Health and Diseases

### Academic Titles / Tasks

Research Assistant, Akdeniz University, Faculty of Medicine, Çocuk Sağlığı Ve Hastalıkları Anabilimdalı, 2012 - Continues

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

- I. **Cyclophosphamide treatment with a comparison in both pediatric rheumatology and pediatric nephrology practices**  
GEZGİN YILDIRIM D., Orulluoglu E. Y., Yildiz C., AÇARI C., Dunder H. A., Akaci O., Akinci N., Aliyev E., Alpman B. N., Altug Gucenmez O., et al.  
Pediatric Rheumatology, vol.23, no.1, 2025 (SCI-Expanded)
- II. **Exploring gastrointestinal manifestations in childhood onset systemic lupus erythematosus - Insights from a multicenter study**  
Sönmez H. E., Batu E. D., İşgüder R., Şahin N., Aliyev E., Aslan E., Çoban S., Güngörer V., Karadağ Ş. G., Karaçayır N., et al.  
Lupus, vol.33, no.12, pp.1358-1364, 2024 (SCI-Expanded)
- III. **A rare disease with many faces: A multicenter registry of IgG4-related disease in children.**  
Kaya Akca Ü., Kose H., Kurt T., Ulu K., Guliyeva V., Kılbas G., Arslanoglu C., Yildirim D. G., Demir S., Sahin S., et al.  
Rheumatology (Oxford, England), 2024 (SCI-Expanded)
- IV. **Comparison of EULAR/PRINTO/PReS Ankara 2008 and 2022 ACR/EULAR classification criteria for granulomatosis with polyangiitis in children**  
Kaya Akca U., BATU AKAL E. D., Jelusic M., Calatroni M., Bakry R., Frkovic M., Vinšová N., Campos R. T., Horne A.,

Caglayan S., et al.

Rheumatology (United Kingdom), vol.63, no.SI2, 2024 (SCI-Expanded)

- V. **Drug-induced lupus erythematosus in childhood: Case-based review**  
KAYA AKCA Ü., Sener S., BATU AKAL E. D., BALIK Z., BAŞARAN H. Ö., BİLGİNER Y., ÖZEN S.  
Lupus, vol.33, no.7, pp.737-748, 2024 (SCI-Expanded)
- VI. **Thrombotic manifestations in pediatric Behcet syndrome: A multicenter comparative study from the EUROFEVER registry**  
Mastrolia M. V., Matucci-Cerinic C., ÖZEN S., KASAPÇOPUR Ö., Gaggiano C., Koné-Paut I., Cantarini L., Dusser P., KAYA AKCA Ü., YILDIZ M., et al.  
Seminars in Arthritis and Rheumatism, vol.66, 2024 (SCI-Expanded)
- VII. **Rhupus syndrome in children: A multi-center retrospective cohort study and literature review**  
Sener S., BATU AKAL E. D., Sahin S., Yildirim D. G., Ekinici M. K., Kisaoglu H., KARALI Y., DEMİR S., KAYA AKCA Ü., Gunalp A., et al.  
Lupus, vol.33, no.3, pp.273-281, 2024 (SCI-Expanded)
- VIII. **Transition of patients with systemic lupus erythematosus from pediatric to adult-oriented rheumatology care**  
Şener S., Yardimci G. K., BATU AKAL E. D., KILIÇ L., KAYA AKCA Ü., Cüceoğlu M. K., BALIK Z., BAŞARAN H. Ö., BİLGİNER Y., Apraş Bilgen Ş., et al.  
Turkish Journal of Medical Sciences, vol.54, no.6, pp.1198-1204, 2024 (SCI-Expanded)
- IX. **Evaluation of clinical outcomes in systemic juvenile idiopathic arthritis patients treated with biological agents in Turkey: The TURSIS study**  
Sozeri B., Demir F., Barut K., Atalay E., Pac Kisaarslan A., Ozdel S., Gucenmez O. A., Makay B., Ayaz N. A., Haslak F., et al.  
Clinical and Experimental Rheumatology, vol.42, no.1, pp.194-201, 2024 (SCI-Expanded)
- X. **Chronic non-bacterial osteomyelitis and immune checkpoint molecules**  
KAYA AKCA Ü., SAĞ E., Aydın B., Tasdemir N. K., Kasap Cuceoglu M., BAŞARAN H. Ö., BATU AKAL E. D., BİLGİNER Y., ÖZEN S.  
Clinical Rheumatology, vol.43, no.1, pp.553-560, 2024 (SCI-Expanded)
- XI. **Feasibility of Conducting Comparative Effectiveness Research and Validation of a Clinical Disease Activity Score for Chronic Nonbacterial Osteomyelitis**  
Wu E. Y., Oliver M., Scheck J., Lapidus S., KAYA AKCA Ü., Yasin S., Stern S. M., Insalaco A., Pardeo M., Simonini G., et al.  
Journal of Rheumatology, vol.50, no.10, pp.1333-1340, 2023 (SCI-Expanded)
- XII. **The Effect of Biologics in the Treatment of Multisystem Inflammatory Syndrome in Children (Mis-C): A Single-Center Propensity-Score-Matched Study †**  
BAŞARAN H. Ö., BATU AKAL E. D., KAYA AKCA Ü., Atalay E., Kasap Cuceoglu M., Sener S., BALIK Z., KARABULUT E., KESİCİ S., KARAGÖZ T., et al.  
Children, vol.10, no.6, 2023 (SCI-Expanded)
- XIII. **Correspondence on 'Lupus or not? SLE Risk Probability Index (SLERPI): a simple, clinician-friendly machine-learning-based model to assist the diagnosis of systemic lupus erythematosus'**  
BATU AKAL E. D., KAYA AKCA Ü., BAŞARAN H. Ö., BİLGİNER Y., ÖZEN S.  
Annals of the Rheumatic Diseases, vol.82, no.6, 2023 (SCI-Expanded)
- XIV. **The Characteristics of Patients With COVID-19–Associated Pediatric Vasculitis: An International, Multicenter Study**  
Batu E. D., Sener S., Ozomay Baykal G., Arslanoglu Aydin E., Özdel S., Gagro A., Esen E., Heshin-Bekenstein M., Akpınar Tekgöz N., Demirkan F. G., et al.  
Arthritis and Rheumatology, vol.75, no.4, pp.499-506, 2023 (SCI-Expanded)
- XV. **Report of 2 pediatric cases with atypical Cogan's syndrome and a systematic review**  
Kasap Cuceoglu M., BAŞARAN H. Ö., BATU AKAL E. D., KAYA AKCA Ü., Atalay E., Sener S., BALIK Z., BAYINDIR Y., Aliyev E., GÖÇMEN R., et al.  
International Journal of Rheumatic Diseases, vol.26, no.3, pp.544-550, 2023 (SCI-Expanded)
- XVI. **A new tool supporting the diagnosis of childhood-onset Behçet's disease: venous wall thickness**

- Atalay E., OĞUZ B., Sener S., ÖZCAN H. N., SAĞ E., KAYA AKCA Ü., Cuceoglu M. K., BALIK Z., Karakaya J., KARADAĞ Ö., et al.  
Rheumatology (United Kingdom), vol.62, no.SI2, 2023 (SCI-Expanded)
- XVII. **Poor performance of IgG4-related disease responder index in children**  
KAYA AKCA Ü., Yardimci G., BİLGİNER Y., ÖZEN S., KARADAĞ Ö.  
Clinical and Experimental Rheumatology, vol.40, no.12, pp.2463, 2022 (SCI-Expanded)
- XVIII. **The difference of the inflammatory milieu in MIS-C and severe COVID-19**  
Gurlevik S. L., ÖZSÜREKÇİ Y., SAĞ E., Derin Oygur P., KESİCİ S., KAYA AKCA Ü., Cuceoglu M. K., BAŞARAN H. Ö., Göncü S., Karakaya J., et al.  
Pediatric Research, vol.92, no.6, pp.1805-1814, 2022 (SCI-Expanded)
- XIX. **Treatment of childhood-onset Takayasu arteritis: Switching between anti-TNF and anti-IL-6 agents**  
Sener S., BAŞARAN H. Ö., KAYA AKCA Ü., Atalay E., Kasap Cuceoglu M., Balik Z., Aliyev E., Bayindir Y., BATU AKAL E. D., HAZIROLAN T., et al.  
Rheumatology (United Kingdom), vol.61, no.12, pp.4885-4891, 2022 (SCI-Expanded)
- XX. **Challenges in diagnosing COVID-19 related disease in pediatric patients with rheumatic disease**  
Sener S., BAŞARAN H. Ö., Gurlevik S. L., KAYA AKCA Ü., Atalay E., Cuceoglu M. K., BALIK Z., BATU AKAL E. D., BİLGİNER Y., ÖZSÜREKÇİ Y., et al.  
Modern Rheumatology, vol.32, no.6, pp.1108-1113, 2022 (SCI-Expanded)
- XXI. **The challenges in diagnosing pediatric primary antiphospholipid syndrome**  
DEMİR S., Keskin A., SAĞ E., KAYA AKCA Ü., Atalay E., Cüceoğlu M. K., BATU AKAL E. D., ÖZEN S., BİLGİNER Y.  
Lupus, vol.31, no.10, pp.1269-1275, 2022 (SCI-Expanded)
- XXII. **IgG4-related disease in pediatric patients: a single-center experience**  
KAYA AKCA Ü., Atalay E., Kasap Cüceoğlu M., Şener S., BALIK Z., BAŞARAN H. Ö., BATU AKAL E. D., KARADAĞ Ö., ÖZEN S., BİLGİNER Y.  
Rheumatology International, vol.42, no.7, pp.1177-1185, 2022 (SCI-Expanded)
- XXIII. **Probiotic use in the prophylaxis of periodic fever, aphthous stomatitis, pharyngitis, and adenitis (PFAPA) syndrome: a retrospective cohort study**  
BATU AKAL E. D., KAYA AKCA Ü., BAŞARAN H. Ö., BİLGİNER Y., ÖZEN S.  
Rheumatology International, vol.42, no.7, pp.1207-1211, 2022 (SCI-Expanded)
- XXIV. **The performances of the ILAR, ASAS, and PRINTO classification criteria in ERA patients: a comparison study**  
KAYA AKCA Ü., BATU AKAL E. D., Sener S., BALIK Z., Kasap Cuceoglu M., Atalay E., BAŞARAN H. Ö., BİLGİNER Y., ÖZEN S.  
Clinical Rheumatology, vol.41, no.6, pp.1785-1792, 2022 (SCI-Expanded)
- XXV. **The clinical course of SARS-CoV-2 infection among children with rheumatic disease under biologic therapy: a retrospective and multicenter study**  
Sozeri B., Ulu K., KAYA AKCA Ü., Haslak F., Pac-Kisaarslan A., Otar-Yener G., Baba O., Altug-Gucenmez O., ŞAHİN N., Bağlan E., et al.  
Rheumatology International, vol.42, no.3, pp.469-475, 2022 (SCI-Expanded)
- XXVI. **Clinical course of COVID-19 infection in paediatric familial Mediterranean fever patients**  
KAYA AKCA Ü., Sener S., Ballk Z., Gurlevik S., Oygur P. D., Atalay E., Cuceoglu M. K., BAŞARAN H. Ö., BATU AKAL E. D., TEKŞAM Ö., et al.  
Modern Rheumatology, vol.32, no.2, pp.467-472, 2022 (SCI-Expanded)
- XXVII. **Comparison of IVIG resistance predictive models in Kawasaki disease**  
KAYA AKCA Ü., Arslanoglu Aydin E., AYKAN H. H., Serin O., SAĞ E., DEMİR S., Atalay E., Kasap M., BATU AKAL E. D., KARAGÖZ T., et al.  
Pediatric Research, vol.91, no.3, pp.621-626, 2022 (SCI-Expanded)
- XXVIII. **Two siblings with Majeed syndrome and neutropenia**  
Kasap Cuceoglu M., BATU AKAL E. D., YILDIZ A. E., KAYA AKCA Ü., Atalay E., Sener S., BALIK Z., BAŞARAN H. Ö., BİLGİNER Y., ÖZEN S.  
Archives of Rheumatology, vol.37, no.4, pp.638-640, 2022 (SCI-Expanded)

- XXIX. **Impact of the COVID-19 pandemic on the frequency of the pediatric rheumatic diseases**  
KAYA AKCA Ü., Atalay E., Cuceoglu M. K., BALIK Z., Sener S., ÖZSÜREKÇİ Y., BAŞARAN H. Ö., BATU AKAL E. D., BİLGİNER Y., ÖZEN S.  
Rheumatology International, vol.42, no.1, pp.51-57, 2022 (SCI-Expanded)
- XXX. **Real-world data on MTX tolerance with regimens used in children versus adults**  
KAYA AKCA Ü., Farisogullari B., Yardimci G. K., SAĞ E., Atalay E., Kasap Cuceoglu M., BAŞARAN H. Ö., KILIÇ L., ÖZEN S., BİLGİNER Y.  
Clinical Rheumatology, vol.40, no.12, pp.5095-5102, 2021 (SCI-Expanded)
- XXXI. **Hematological involvement in pediatric systemic lupus erythematosus: A multi-center study**  
KAYA AKCA Ü., BATU AKAL E. D., Kisaarslan A. P., POYRAZOĞLU M. H., Ayaz N. A., Sözeri B., SAĞ E., Atalay E., DEMİR S., KARADAĞ Ş. G., et al.  
Lupus, vol.30, no.12, pp.1983-1990, 2021 (SCI-Expanded)
- XXXII. **Multisystem inflammatory syndrome in children during the COVID-19 pandemic in Turkey: first report from the Eastern Mediterranean**  
ÖZSÜREKÇİ Y., Gürlevik S., KESİCİ S., KAYA AKCA Ü., Oygur P. D., Aykac K., Karacanoglu D., Saritas Nakip O., Ilbay S., Katlan B., et al.  
Clinical Rheumatology, vol.40, no.8, pp.3227-3237, 2021 (SCI-Expanded)
- XXXIII. **The role of vascular inflammation markers in deficiency of adenosine deaminase 2**  
KAYA AKCA Ü., SAĞ E., Unal S., Kasap Cuceoglu M., BİLGİNER Y., ÖZEN S.  
Seminars in Arthritis and Rheumatism, vol.51, no.4, pp.839-844, 2021 (SCI-Expanded)
- XXXIV. **The performances of the ACR 1997, SLICC 2012, and EULAR/ACR 2019 classification criteria in pediatric systemic lupus erythematosus**  
BATU AKAL E. D., KAYA AKCA Ü., PAÇ KISAARSLAN A., SAĞ E., Demir F., DEMİR S., Çiçek S. Ö., POYRAZOĞLU M. H., Sozeri B., BİLGİNER Y., et al.  
Journal of Rheumatology, vol.48, no.6, pp.907-914, 2021 (SCI-Expanded)
- XXXV. **Penile involvement of immunoglobulin a vasculitis/Henoch-Schönlein purpura**  
KAYA AKCA Ü., BATU AKAL E. D., Serin O., Ipek O. F., Aydin O., TEKŞAM Ö., BİLGİNER Y., ÖZEN S.  
Journal of Pediatric Urology, vol.17, no.3, 2021 (SCI-Expanded)
- XXXVI. **Systematic review of childhood-onset polyarteritis nodosa and DADA2**  
Kasap Cuceoglu M., Sener S., BATU AKAL E. D., KAYA AKCA Ü., DEMİR S., SAĞ E., Atalay E., BALIK Z., BAŞARAN H. Ö., BİLGİNER Y., et al.  
Seminars in Arthritis and Rheumatism, vol.51, no.3, pp.559-564, 2021 (SCI-Expanded)
- XXXVII. **A case report of intracranial hypertension and aseptic meningitis: Anti-tumor necrosis factor associated or juvenile idiopathic arthritis related**  
KAYA AKCA Ü., Sökmen O., BÖLEK E. Ç., DEMİR S., KILIÇ L., Çevik I. Ü., Bilginer Y.  
Turkish Journal of Pediatrics, vol.63, no.3, pp.522-526, 2021 (SCI-Expanded)
- XXXVIII. **Plasma checkpoint protein levels and galectin-9 in juvenile systemic lupus erythematosus**  
Yuksel K., SAĞ E., DEMİR S., Özdel S., Kaya Ü., Atalay E., Cuceoglu M. K., Topaloglu R., BİLGİNER Y., ÖZEN S.  
Lupus, vol.30, no.6, pp.998-1004, 2021 (SCI-Expanded)
- XXXIX. **Genetic disorders with symptoms mimicking rheumatologic diseases: A single-center retrospective study**  
KAYA AKCA Ü., ŞİMŞEK KİPER P. Ö., ÜREL DEMİR G., SAĞ E., Atalay E., ÜTİNE G. E., ALİKAŞİFOĞLU M., Boduroglu K., BİLGİNER Y., ÖZEN S.  
European Journal of Medical Genetics, vol.64, no.4, 2021 (SCI-Expanded)
- XL. **Is Takayasu's arteritis more severe in children?**  
BÖLEK E. Ç., KAYA AKCA Ü., Sari A., SAĞ E., DEMİR S., KILIÇ L., Sener Y., AYKAN H. H., KAYA E. B., BİLGİNER Y., et al.  
Clinical and Experimental Rheumatology, vol.39, no.2, 2021 (SCI-Expanded)
- XLI. **Performances of the "MS-score" And "HScore" in the diagnosis of macrophage activation syndrome in systemic juvenile idiopathic arthritis patients**  
SAĞ E., Keskin A., Atalay E., DEMİR S., Cuceoglu M. K., KAYA AKCA Ü., BATU AKAL E. D., BİLGİNER Y., ÖZEN S.  
Rheumatology International, vol.41, no.1, pp.87-93, 2021 (SCI-Expanded)

- XLII. **Kawasaki-like disease in children with COVID-19**  
KAYA AKCA Ü., KESİCİ S., ÖZSÜREKÇİ Y., AYKAN H. H., BATU AKAL E. D., Atalay E., DEMİR S., SAĞ E., Vuralli D., BAYRAKÇI B., et al.  
Rheumatology International, vol.40, no.12, pp.2105-2115, 2020 (SCI-Expanded)
- XLIII. **Anti-IL1 treatment in colchicine-resistant paediatric FMF patients: Real life data from the HELIOS registry**  
SAĞ E., Akal F., Atalay E., KAYA AKCA Ü., DEMİR S., DEMİREL D., BATU AKAL E. D., Bilginer Y., ÖZEN S.  
Rheumatology (United Kingdom), vol.59, no.11, pp.3324-3329, 2020 (SCI-Expanded)
- XLIV. **Comorbidities in familial Mediterranean fever: Analysis of 2000 genetically confirmed patients**  
Balci-Peynircioğlu B., KAYA AKCA Ü., Arıcl Z. S., Avci E., AKKAYA ULUM Z. Y., KARADAĞ Ö., KALYONCU U., BİLGİNER Y., Yılmaz E., ÖZEN S.  
Rheumatology (United Kingdom), vol.59, no.6, pp.1372-1380, 2020 (SCI-Expanded)
- XLV. **Comorbidities of antiphospholipid syndrome and systemic lupus erythematosus in children**  
KAYA AKCA Ü., Ayaz N. A.  
Current Rheumatology Reports, vol.22, no.6, 2020 (SCI-Expanded)
- XLVI. **Performance of the new 'Eurofever/PRINTO classification criteria' in FMF patients**  
SAĞ E., DEMİREL D., DEMİR S., Atalay E., KAYA AKCA Ü., BİLGİNER Y., ÖZEN S.  
Seminars in Arthritis and Rheumatism, vol.50, no.1, pp.172-175, 2020 (SCI-Expanded)
- XLVII. **The challenge of treating pulmonary vasculitis in Behçet disease: Two pediatric cases**  
DEMİR S., SAĞ E., KAYA AKCA Ü., HAZIROLAN T., BİLGİNER Y., ÖZEN S.  
Pediatrics, vol.144, no.2, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Pediatric Behçet's disease**  
KAYA AKCA Ü., BİLGİNER Y.  
Trends in Pediatrics, vol.5, no.3, pp.53-59, 2024 (Scopus)
- II. **Differentiating Multisystem Inflammatory Syndrome in Children from Kawasaki Disease During the Pandemic**  
Şener S., BATU AKAL E. D., KAYA AKCA Ü., Atalay E., Cüceoğlu M. K., BALIK Z., BAŞARAN H. Ö., KARAGÖZ T., ÖZSÜREKÇİ Y., BİLGİNER Y., et al.  
Turkish Archives of Pediatrics, vol.59, no.2, pp.150-156, 2024 (ESCI)
- III. **The impact of illness perception on medication adherence in pediatric patients with familial Mediterranean fever**  
KAYA AKCA Ü., Barış S., Öztürk H.  
Trends in Pediatrics, vol.4, no.3, pp.147-154, 2023 (Scopus)
- IV. **Patients Without a Rheumatic Disease Diagnosis in a Pediatric Rheumatology Unit: Retrospective Analysis and Comparison Between Pre-pandemic and Pandemic Periods.**  
Kaya Akca Ü., Batu E. D., Tanalı G., Atalay E., Kasap Cüceoğlu M., Sener S., Balık Z., Bayındır Y., Aliyev E., Başaran Ö., et al.  
Turkish archives of pediatrics, vol.58, no.1, pp.49-55, 2023 (ESCI)
- V. **The Asthma Risk Is Increased in Children with Severe Allergic Rhinitis**  
Akca Ü., Maslak İ. C., Uygun D., BİNGÖL A.  
Turkish Archives of Pediatrics, vol.57, no.4, pp.391-397, 2022 (Scopus)
- VI. **The Comparison of Pediatric Patients with Familial Mediterranean Fever Originated from Turkey and Crimea**  
Kostik M., Kaya Ü., Zhogova O. V., Sag E., Suspitsin E. N., Nizhnik V. I., Tumakova A. V., Ivanovskiy S. V., Lagunova N. V., Bilginer Y., et al.  
Turkish Archives of Pediatrics, vol.57, no.5, pp.551-557, 2022 (Scopus)

## **Papers Published in Refereed Scientific Meetings**

### **I. Van der Woude sendromlu iki aile sunumu**

GÜZEL NUR B., KAYA AKÇA Ü., MIHÇI E.

59. Türkiye Milli Pediatri Kongresi, Antalya, Turkey, 4 - 08 November 2015, pp.34

## **Metrics**

Publication: 54

Citation (Scopus): 527

H-Index (Scopus): 13