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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAJ-9513-2020

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Education Information

Post Doctorate, Katholieke Universiteit Leuven, Faculty of Pharmaceutical Sciences, Clinical Pharmacology and Pharmacotherapy, Belgium 2024 - 2024

Doctorate, Erasmus Universiteit Rotterdam, Department of Pharmacy, Netherlands 2022 - 2022

Doctorate, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey 2018 - 2022

Postgraduate, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey 2015 - 2017

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 2010 - 2015

Dissertations

Doctorate, Drug-Related Problems in Neonates, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2020

Postgraduate, The role of the clinical pharmacist in drug education given to patients diagnosed with schizophrenia spectrum disorders in order to increase compliance with pharmacotherapy during the discharge period, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2017

Research Areas

Health Sciences, Pharmacology and Therapeutics

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of appropriate antimicrobial prophylaxis in general surgery: a prospective cohort study.**

Doğan C. Z., Yalçın N., Cennet Ö., Metan G., Demirkan K., Yorgancı K.

European journal of medical research, vol.29, no.1, pp.340, 2024 (SCI-Expanded)

- II. **Adherence to medical treatment for Wilson's disease in children and adolescents: a cohort study**

from Turkey.

Göktaş M. A., Yalcin N.

Orphanet journal of rare diseases, vol.19, no.1, pp.105, 2024 (SCI-Expanded)

- III. **Clinical pharmacist-led assessment and management of anticholinergic burden and fall risk in geriatric patients.**
Saz H. G., Yalçın N., Demirkan K., Halil M. G.
BMC geriatrics, vol.23, no.1, pp.863, 2023 (SCI-Expanded)
- IV. **Development and validation of machine learning-based clinical decision support tool for identifying malnutrition in NICU patients**
Yalçın N., Kaşıkçı M., Çelik H. T., Demirkan K., Yiğit Ş., Yurdakök M.
Scientific Reports, vol.13, no.1, 2023 (SCI-Expanded)
- V. **Education and clinical pharmacist-led management strategies for the risk and prophylaxis of venous thromboembolism in general surgery.**
Kiracı Z. K., Yalçın N., Cennet Ö., Demirkan K., Yorgancı K.
Thrombosis journal, vol.21, no.1, pp.86, 2023 (SCI-Expanded)
- VI. **Pharmacogenetic testing in psychiatry: Perspective on clinical utility.**
Adiukwu F., Adesokun O., Essien E., Yalcin N., Ransing R., Nagendrappa S., Jatchavala C., Olakunke A. B., Nawaz F. A., Khan N.
Asian journal of psychiatry, vol.86, pp.103674, 2023 (SCI-Expanded)
- VII. **Concomitant drug use of nirmatrelvir/ritonavir and CYP3A4-modulating antimicrobial agents: an approach for drug use.**
Visscher R., Yalçın N., Bayraktar I., Bayraktar-Ekincioglu A.
European journal of hospital pharmacy : science and practice, vol.31, no.2, pp.180-182, 2023 (SCI-Expanded)
- VIII. **Development and validation of a machine learning-based detection system to improve precision screening for medication errors in the neonatal intensive care unit.**
Yalçın N., Kaşıkçı M., Çelik H. T., Allegaert K., Demirkan K., Yiğit Ş., Yurdakök M.
Frontiers in pharmacology, vol.14, pp.1151560, 2023 (SCI-Expanded)
- IX. **Impact of clinical pharmacist-led intervention for drug-related problems in neonatal intensive care unit a randomized controlled trial**
Yalçın N., Kaşıkçı M., Çelik H. T., Allegaert K., Demirkan K., Yiğit Ş.
Frontiers in Pharmacology, vol.14, 2023 (SCI-Expanded)
- X. **Development and validation of a machine learning-based detection system to improve precision screening for medication errors in the neonatal intensive care unit**
Yalcin N., Kasikci M., Celik H. T., Allegaert K., Demirkan K., Yigit Ş., Yurdakok M.
Frontiers in Pharmacology, vol.14, 2023 (SCI-Expanded)
- XI. **An Artificial Intelligence Approach to Support Detection of Neonatal Adverse Drug Reactions Based on Severity and Probability Scores: A New Risk Score as Web-Tool**
Yalçın N., Kaşıkçı M., Çelik H. T., Allegaert K., Demirkan K., Yiğit Ş., Yurdakök M.
CHILDREN (BASEL), vol.9, no.12, pp.1-10, 2022 (SCI-Expanded)
- XII. **Population pharmacokinetics in critically ill neonates and infants undergoing extracorporeal membrane oxygenation: a literature review**
YALÇIN N., SÜRME Lİ O Ğ LU N., Allegaert K.
BMJ PAEDIATRICS OPEN, vol.6, no.1, 2022 (SCI-Expanded)
- XIII. **COVID-19 and antiepileptic drugs: an approach to guide practices when nirmatrelvir/ritonavir is co-prescribed**
YALÇIN N., Allegaert K.
European Journal of Clinical Pharmacology, vol.78, no.10, pp.1697-1701, 2022 (SCI-Expanded)
- XIV. **Management of drug-related problems including drug-drug interactions caused by nirmatrelvir/ritonavir in paediatric patients with SARS-CoV-2.**
Yalcin N., Demirkan K.
Archives of disease in childhood, 2022 (SCI-Expanded)

- XV. **Fetal pharmacogenetic screening to improve neonatal pharmacotherapy: From feasibility to personalized practice.**
Yalcin N., Allegaert K.
Molecular genetics and metabolism, vol.137, no.1-2, pp.210-212, 2022 (SCI-Expanded)
- XVI. **Liposomal amphotericin B related late-onset hyperphosphatemia in a pediatric patient with acute myeloid leukemia**
Çifci S. A., Yalçın N., Aksu T., Demirkan K.
Journal of Oncology Pharmacy Practice, vol.28, no.6, pp.1478-1482, 2022 (SCI-Expanded)
- XVII. **Novel Method for Early Prediction of Clinically Significant Drug–Drug Interactions with a Machine Learning Algorithm Based on Risk Matrix Analysis in the NICU**
Yalçın N., Kaşıkçı Çavdar M., Çelik H. T., Allegaert K., Demirkan K., Yiğit Ş., Yurdakök M.
JOURNAL OF CLINICAL MEDICINE, vol.11, no.16, pp.1-13, 2022 (SCI-Expanded)
- XVIII. **Is everyone invited to the discussion table? A bibliometric analysis COVID-19-related mental health literature**
Yalcin N., Bayraktar I., Karabulut E., de Filippis R., Jaguga F., Karaliuniene R., Nagendrappa S., Noel C., Ojeahere M. I., Ori D., et al.
GLOBAL MENTAL HEALTH, 2022 (SCI-Expanded)
- XIX. **The Impact of Pharmacogenetics on Pharmacokinetics and Pharmacodynamics in Neonates and Infants: A Systematic Review**
YALÇIN N., Flint R. B., van Schaik R. H., Simons S. H., Allegaert K.
PHARMACOGENOMICS & PERSONALIZED MEDICINE, vol.15, pp.675-696, 2022 (SCI-Expanded)
- XX. **The potential interaction between COVID-19 vaccines and clozapine: A novel approach for clinical trials.**
Bayraktar İ., Yalçın N., Demirkan K.
International journal of clinical practice, vol.75, 2021 (SCI-Expanded)
- XXI. **Potential Drug-Drug Interactions with Psychotropic Drugs in Pediatric Inpatients: A Cross-Sectional Study.**
Yalçın N., Özdemir N., Çak Esen H. T., Çengel Kültür S. E., Demirkan K.
International journal of clinical practice, vol.75, 2021 (SCI-Expanded)
- XXII. **COVID-19 and remdesivir in pediatric patients: the invisible part of the iceberg.**
Yalçın N., Demirkan K.
Pediatric research, vol.89, pp.1326-1327, 2021 (SCI-Expanded)
- XXIII. **Physicians' knowledge of potential covid-19 drug-drug interactions: An online survey in turkey.**
Sürmelioglu N., Yalçın N., Kuşçu F., Candevir A., İnal A., Kömür S., Kurtaran B., Demirkan K., Taşova Y.
Postgraduate medicine, vol.133, pp.237-241, 2021 (SCI-Expanded)
- XXIV. **Evaluation of the effect of antibiotics used during parenteral nutrition treatment on Candidemia**
YALÇIN N., SÜRMEİİOĞLU N., Ozkan-Kuscu O., Kelleci-Cakir B., DEMİRKAN S. K., GÜNDÜZ H. M.
REVISTA DA ASSOCIACAO MEDICA BRASILEIRA, vol.67, no.10, pp.1448-1453, 2021 (SCI-Expanded)
- XXV. **Do psychotropic drugs used during COVID-19 therapy have an effect on the treatment process?**
Yalçın N., Ak S., Demirkan K.
European journal of hospital pharmacy : science and practice, vol.28, 2021 (SCI-Expanded)
- XXVI. **COVID-19 & antiepileptic drugs: Should we pay attention?**
Firat O., Yalçın N., Demirkan K.
Seizure, vol.80, pp.240-241, 2020 (SCI-Expanded)
- XXVII. **Compliance in schizophrenia spectrum disorders: the role of clinical pharmacist**
Yalçın N., Ak S., Gürel Ş. C., Çeliker A.
INTERNATIONAL CLINICAL PSYCHOPHARMACOLOGY, vol.34, no.6, pp.298-304, 2019 (SCI-Expanded)
- XXVIII. **Do Antiepileptic Drugs Used During Electroconvulsive Therapy Impact Treatment Process?**
Ak S., Yalcin N.
JOURNAL OF CLINICAL PSYCHOPHARMACOLOGY, vol.38, pp.344-348, 2018 (SCI-Expanded)
- XXIX. **Comparison of electronic information sources regarding dose adjustments in continuous renal**

replacement therapy

Surmelioglu N., Kelleci B., YALÇIN N., Hawes E., Bayraktar-Ekincioglu A., Demirkan K.
INTERNATIONAL JOURNAL OF CLINICAL PHARMACY, vol.40, no.1, pp.217-218, 2018 (SCI-Expanded)

XXX. **Clinical Pharmacy Practices in Medical Intensive Care Unit in a University Hospital**

SÜRMEİİÖĞLU N., Kelleci B., YALÇIN N., Demirkan K.
INTERNATIONAL JOURNAL OF CLINICAL PHARMACY, vol.40, no.1, pp.237, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Web Survey of Turkish Pharmacy Students Comparing First and Fifth Years' Antidepressant Awareness and Stigmatizing Attitudes Regarding Depression and Anxiety.**
Yalçın N., Özkan G. G., Allegaert K., Ak S., Demirkan K.
Pharmacy (Basel, Switzerland), vol.12, no.2, 2024 (ESCI)
- II. **The use of pediatric fall risk assessment tool in gastrointestinal endoscopic procedures: A prospective study**
Yalcin N., Goktas M. A., gumus e.
Akademik Gastroenteroloji Dergisi, vol.22, no.2, pp.103-111, 2023 (Peer-Reviewed Journal)
- III. **Drug-induced nutritional disorders**
YALÇIN N., Armut M., KELLEÇİ ÇAKIR B., DEMİRKAN S. K.
Clinical Science of Nutrition, vol.1, no.3, pp.113-122, 2019 (Peer-Reviewed Journal)
- IV. **Time span of a total parenteral nutrition bag: From consultation to the end of administration**
KELLEÇİ ÇAKIR B., SÜRMEİİÖĞLU N., YALÇIN N., HALİL M. G., DEMİRKAN S. K., ABBASOĞLU O.
Clinical Science of Nutrition, vol.1, no.2, pp.82-85, 2019 (Peer-Reviewed Journal)
- V. **Drug Use in Continuous Renal Replacement Therapy and the Comparison of Electronic Drug Information Resources for Dose Adjustments**
Surmelioglu N., Koseleci E., Kelleci B., YALÇIN N., Ekincioglu A. B., Demirkan K., Iskit A.
JOURNAL OF MEDICAL AND SURGICAL INTENSIVE CARE MEDICINE, vol.9, no.1, pp.7-11, 2018 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Yenidoğan Yoğun Bakım Ünitesinde İki Yıllık Deksmetomidin Deneyimi**
KAYKI G., YALÇIN N., ÇELİK H. T., YİĞİT Ş.
Ankara Pediatri Kongresi, 9 - 11 November 2023
- II. **Selected Abstracts for Oral Presentation and Poster Presentation**
YALÇIN N., DEMİRKAN S. K., YİĞİT Ş., ÇELİK H. T.
12th KEPAN Congress, Turkey, 12 - 14 March 2021
- III. **Physicians' Attitudes Towards Medication Related Nutrition Disorders**
Yalçın N., Kelleci Çakır B., Ekincioglu A., Demirkan S. K., Halil M. G., Abbasoğlu O.
41st ESPEN Congress, Krakow, Poland, 31 August - 03 September 2019, vol.38, pp.245
- IV. **Psychopharmacology & polypharmacy**
Yalçın N.
11th International Congress on Psychopharmacology & 7th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Turkey, 18 - 21 April 2019, vol.29, no.1, pp.411-412
- V. **Psikiyatrist ve Enfeksiyon Hastalıkları Hekimlerinin İlaç-İlaç Etkileşimleri Konusunda Tutumları**
KARA E., YALÇIN N., İNKAYA A. Ç., BAŞAR K., DEMİRKAN S. K., ÜNAL S.
HIV/AIDS Kongresi 2018, Turkey, 15 - 18 November 2018
- VI. **Clinical Pharmacy Practices In Psychiatry Services And Outpatient Clinics**
YALÇIN N., ÇELİKER A.
12th International Symposium On Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018

- VII. **The effect of pregabalin on electroconvulsive therapy**
YALÇIN N., KELLEÇİ ÇAKIR B., SÜRMEİOĞLU N., ÇELİKER A., EKİNCİOĞLU A., DEMİRKAN S. K.
12th International Symposium On Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- VIII. **Hekimlerin Antiretroviral ve Psikotrop İlaçlar Arasındaki Etkileşimlere Yaklaşımı (SS-017).**
yalcin N., KARA E., basar K., İNKAYA A. Ç., DEMİRKAN S. K., ÜNAL S.
7. Türkiye EKMUD Uluslararası Kongresi, Antalya, Turkey, 8 - 13 May 2018, vol.7, pp.25
- IX. **Hekimlerin Antiretroviral ve Psikotrop İlaçlar Arasındaki Etkileşimlere Yaklaşımı**
YALÇIN N., KARA E., BAŞAR K., İNKAYA A. Ç., DEMİRKAN S. K., ÜNAL S.
7. Türkiye Ekmud Uluslararası Kongresi, Antalya, Turkey, 8 - 13 May 2018
- X. **THE ROLE OF THE CLINICAL PHARMACIST IN DRUG EDUCATION FOR INCREASING COMPLIANCE WITH DRUG THERAPY IN THE PERIOD OF DISCHARGE WITH THE DIAGNOSIS OF SCHIZOPHRENIA SPECTRUM DISORDERS**
YALÇIN N., ÇELİKER A., GÜREL Ş. C., AK S., YAZICI M. K.
6th Schizophrenia International Research Society Conference, Italy, 4 - 08 April 2018, vol.44, pp.345
- XI. **STOPP/START Kriterlerinin Geriatrik Türk Hastalarda Uygunluğu**
KELLEÇİ ÇAKIR B., SÜRMEİOĞLU N., TUNA DOĞRUL R., KIZILARSLANOĞLU M. C., EKİNCİOĞLU A., HALİL M. G., DEMİRKAN S. K., Yalçın N.
5.Ulusal Hastane ve Kurum Eczacıları Kongresi, Antalya, Turkey, 7 - 11 March 2018, pp.46
- XII. **Clinical Pharmacy Practices in Medical Intensive Care Unit in a University Hospital**
SÜRMEİOĞLU N., KELLEÇİ ÇAKIR B., Yalçın N., DEMİRKAN S. K.
46th ESCP Symposium on Clinical Pharmacy, 9 - 11 October 2017
- XIII. **Pregabalinin Elektrokonvulsif Tedavi Üzerine Etkisi**
Yalçın N., KELLEÇİ ÇAKIR B., SÜRMEİOĞLU N., ÇELİKER A., EKİNCİOĞLU A., DEMİRKAN S. K.
4. Ulusal Hastane ve Kurum Eczacıları Kongresi, Muğla, Turkey, 8 - 12 March 2017, pp.16

Supported Projects

Yalçın N., TUBITAK Project, Yenidoğan Hastalarda İlaç Kaynaklı Sorunlar, 2023 - 2023

Activities in Scientific Journals

THERAPEUTIC ADVANCES IN DRUG SAFETY, Evaluation Committee Member, 2024 - Continues
CHILDREN (BASEL), Special Issue Editor, 2022 - 2024

Memberships / Tasks in Scientific Organizations

European Society for Developmental Perinatal and Paediatric Pharmacology, Member, 2023 - Continues, Belgium

Scientific Research / Working Group Memberships

European Society For Developmental Perinatal And Paediatric Pharmacology (Esdppp) Tdm Working Group, Hacettepe University, Türkiye, <https://www.esdppp.org>, 2023 - Continues

Metrics

Publication: 48

Citation (Scopus): 46

H-Index (WoS): 1

H-Index (Scopus): 4

Scholarships

2219, TUBITAK, 2024 - Continues

2214-A, TUBITAK, 2022 - 2022

2211-C Öncelikli Alanlar Doktora Bursu, TUBITAK, 2021 - 2022