

Formerly Anatolian Journal of Psychiatry

Volume 25 Issue 3 2024





Editors in Chief

Francesco Bartoli D, MD, PhD

Department of Medicine and Surgery, University of Milano Bicocca, Monza, Italy francesco.bartoli@unimib.it

Wei Zheng, MD, PhD 🗅

Department of Psychiatry, the Affiliated Brain Hospital of Guangzhou Medical University, Guangzhou, China zhengwei0702@163.com

Associate Editor

Wai Tong Chien 📵, PhD

Nethersole School of Nursing, The Chinese University of Hong Kong Faculty of Medicine, Hong Kong, China wtchien@cuhk.edu.hk

Editorial Board

Mohammad Ahmadpanah D, PhD

Department of Psychiatry, Hamadan University of Medical Sciences, Hamadan, Iran

Köksal Alptekin 📵, MD

Department of Psychiatry, Dokuz Eylül University School of Medicine, İzmir, Türkiye

Diane B. Boivin, MD, PhD

Department of Psychiatry, McGill University, Montreal, Canada

Michel Bourin, MD

Department of Pharmacology, University of Nantes, Nantes, France

Dong-Bin Cai, MD

Department of Neuropsychiatry, Shenzhen Traditional Chinese Medicine Hospital, Guangdong, China

Domenico De Berardis 📵, MD, PhD

Department of Mental Health, Psychiatric Service of Diagnosis and Treatment, "G. Mazzini" Hospital, Teramo, Italy

John F Gottlieb ¹⁰, MD,

Department of Psychiatry and Behavioral Sciences, Feinberg School of Medicine, Northwestern University, Chicago, IL, USA

Ng Chong Guan D, MD, PhD

Department of Psychological Medicine, University of Malaya Faculty of Medicine, Kuala Lumpur, Malaysia Sinan Gülöksüz 📵, MD, PhD

Department of Psychiatry and Neuropsychology, Maastricht University Medical Center, Maastricht, Netherlands

Ki Woong Kim D, MD, PhD

Department of Psychiatry and Behavioral Science, Seoul National University College of Medicine Seoul, Korea

Hans M. Koot ¹⁰, PhD

Department of of Clinical, Neuro and Developmental Psychology, Vrije Universiteit Amsterdam, Amsterdam, Netherlands

Hsien-Yuan Lane 📵, MD, PhD

Graduate Institute of Biomedical Sciences, College of Medicine, China Medial University (CMU), Taichung, Taiwan

Geraldine Leader 💩, PhD

School of Psychology, National University of Ireland, Galway, Ireland

Jerzy Leszek 📵, MD, PhD

Department of Psychiatry, Medical University in Wroclaw, Poland

Chaomeng Liu, MD, PhD

Beijing Anding Hospital, Capital Medical University, Beijing, China

Sergio Machado 📵, PhD

Postgradute Program of Physical Activity Sciences, Salgado de Oliveira University, Rio de Janeiro, Brazil

MAVES

General Manager Ali ŞAHİN

Journal Managers Deniz KAYA Irmak BERBEROĞLU Publications Coordinators Alara ERGİN Derya AZER Nisanur ATICI Şeref Mert GÜCÜN Yiğit Pekzeren Project Assistants Batuhan KARA Ozan ŞAHİN Contact

Address: Büyükdere Cad. 199/6, 34394, Şişli, İstanbul, Türkiye Phone: +90 212 217 17 00 E-mail: info@avesyayincilik.com





Annalisa Maraone

Department of Human Neuroscience, Sapienza University of Rome, Rome, Italy

Woojae Myung 📵, MD

Department of Neuropsychiatry, Seoul National University Bundang Hospital, Seoul, Republic of Korea

Jing Nie, MD

Shanghai Mental Health Center, Shanghai, China

Michael Noll-Hussong ⁽¹⁾, MD

Department of Psychosomatic Medicine and Psychotherapy, Saarland University Medical Center and Saarland University Faculty of Medicine, Homburg, Germany

Seithikurippu R Pandi-Perumal, MSc.

Somnogen Canada Inc., College Street, Toronto, Canada

Seon-Cheol Park 🗓, MD, PhD

Department of Psychiatry, Hanyang University College of Medicine, Seoul, Republic of Korea

Massimo Pasquini D, MD

Department of Human Neurosciences, Sapienza University of Rome Faculty of Medicine and Dentistry, Policlinico Umberto I, Rome, Italy

Wenwang Rao, PhD

Department of Preventive Medicine, Shantou University Medical College, Guangdong, China

Gianluca Serafini 🗓, MD

Neuroscience DINOGMI, University of Genoa, IRCCS Ospedale Policlinico San Martino, Genova, Italy

Om Prakash Singh, MD

Department of Psychiatry, NRS Medical College, Kolkata, India

Ethics Editor

Berna Arda, MD, PhD

Department of History of Medicine and Medical Ethics, Ankara University School of Medicine, Ankara, Türkiye arda@medicine.ankara.edu.tr

Fernando Lolas Stepke D, MD

Interdisciplinary Center for Studies in Bioethics, University of Chile, Santiago, Chile

Drozdstoj Stoyanov D, MD, PhD

Department of Psychiatry and Medical Psychology, Medical University of Plovdiv, Bulgaria

Steven Taylor 👵, PhD

Department of Psychiatry, University of British Columbia, Vancouver, Canada

Shikha Verma, MD

Department of Psychiatry and Behavioral Health, Rosalind Franklin University of Medicine and Science, Illinois, USA

Yuan Yuan Wang, PhD

Department of Psychology, South China Normal University, Guangzhou, China

Lei Xia, MD

Department of Psychiatry, Chaohu Hospital of Anhui Medical University, Anhui, China

Rongwang Yang, MD

Department of Child Psychology, Children's Hospital, Zhejiang University School of Medicine, Zhejiang, China

Bin Zhang, PhD

Institute of Mental Health, Tianjin Anding Hospital, Tianjin Medical University, Tianjin, China

Bao-Liang Zhong 📵, MD, PhD

Department of Psychiatry, Affiliated Wuhan Mental Health Center, Tongji Medical College of Huazhong University of Science and Technology, Wuhan, Hubei Province, China

Biostatistics Editor

İlker Ercan, PhD

Department of Biostatistics, Uludağ University School of Medicine, Bursa, Türkiye iercan@msn.com

Shi-Bin Wang, PhD, MD

Guangdong Mental Health Center, Guangdong Provincial People's Hospital, Guangdong Academy of Medical Sciences, Southern Medical University, Guangzhou, Guangdong, China

Yibo Wu

Peking University School of Public Health, Beijing, China bjmuwuyibo@outlook.com





About the Alpha Psychiatry

Alpha Psychiatry is an open access, peer reviewed journal committed to promoting the highest standards of scientific exchange and education.

Alpha Psychiatry is a bimonthly journal that is published in English with 6 issues.

Journal History

As of 2021, the journal has changed its title to Alpha Psychiatry.

Current Title (2021 - ...) Alpha Psychiatry EISSN: 2757-8038

Previous Title (2000 – 2020) Anatolian Journal of Psychiatry

ISSN: 1302-6631

Abstracting and indexing

Alpha Psychiatry is covered in the following abstracting and indexing databases;

- Science Citation Index Expanded (SCIE)
- PubMed Central
- Scopus
- Embase
- PsycINFO
- Proquest
- EBSCO
- Gale
- CNKI
- TUBITAK ULAKBIM TR Index
- Chemical Abstracts

All content published in the journal is permanently archived in Portico.

Aims, Scope, and Audience

Alpha Psychiatry aims to publish studies of the highest scientific and clinical value, and encourages the submission of high-quality research that advances the understanding and treatment of psychiatry.

Alpha Psychiatry covers a wide range of topics related to psychiatry, basic and clinical neuroscience and behavioral sciences, including diagnostic methods, treatment techniques, and prevention strategies. The journal is interested in publishing original research that addresses important clinical questions and advances the understanding and treatment of these conditions. This may include studies on the effectiveness of different treatments, new diagnostic tools or techniques, and novel approaches to preventing or managing mental diseases.

Alpha Psychiatry publishes original research articles, invited reviews, letters to the editor, editorial comments, debates and expert opinion on guidelines. Conference proceedings may also be considered for publication.

The target audience of the journal includes psychiatrists, mental health workers, neuroscientists and researchers who are interested or working in all fields of medicine.

Article Processing Charge (APC) and Waivers

No fees are requested from the authors during submission and evaluation process. All manuscripts must be submitted via the online submission system, which is available at www.alpha-psychiatry.com. The journal guidelines, technical information, and the required forms are available on the journal's web page.

As of July 1, 2023, Alpha Psychiatry receives a 1500 USD article processing charge (APC) + 5% Transaction Fee (75 USD). Upon the acceptance of the manuscript, authors should transfer the payment to the account that is stated in the acceptance letter. Please contact editorial office for payment information.

Authors are required to properly disclose any financial support they receive for the payment of the article processing charge.

Waiver and Discounts Policy

For waivers or discounts please contact the Editorial Office of journals before submission. Alpha Psychiatry stated that author fees or waiver status should not influence editorial decision making.





About the Alpha Psychiatry

Please note that all submissions are evaluated by the Editorial Board and the external reviewers in terms of scientific quality and ethical standards. APC payments have not any effect on the outcome of the article's evaluation and/or publication priority.

Open Access Statement

Alpha Psychiatry is an open access publication, and the journal's publication model is based on Budapest Open Access Initiative (BOAI) declaration. All published content is available online, free of charge at www.alpha-psychiatry.com. Authors retain the copyright of their published work in the Alpha Psychiatry. The journal's content is licensed under a Creative Commons Attribution-NonCommercial (CC BY-NC) 4.0 International License which permits third parties to share and adapt the content for non-commercial purposes by giving the apropriate credit to the original work.

Advertising Policy

Alpha Psychiatry accepts digital advertisements on its website. These ads must be approved by the journal's Editorial Board and management, and must be clearly labeled as advertisements. Advertisers have no influence on editorial decisions or advertising policies.

Those interested in advertising in the journal should contact the Editorial Office.

Disclaimer

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author (s) and not the opinions of editors, editorial board, and/or publisher; the editors, editorial board, and publisher disclaim any responsibility or liability for such materials.

You can find the current version of the Instructions to Authors at: https://alpha-psychiatry.com/en/instructions-to-authors-106

Editor in Chief: Francesco Bartoli

Address: Department of Medicine and Surgery, University of Milano Bicocca, Monza, Italy

E-mail: francesco.bartoli@unimib.it

Editor in Chief: Wei Zheng

Address: Department of Psychiatry, The Affiliated Brain Hospital of Guangzhou Medical University, Guangzhou, China

E-mail: zhengwei0702@163.com

Publisher: AVES

Address: Büyükderece Cad., 199/6, 34394, Şişli, İstanbul, Türkiye

Phone: +90 212 217 17 00 E-mail: info@avesyayincilik.com





CONTENTS

Systematic Reviews

- 290 A Meta-analysis of Predicting Disorders of Consciousness After Traumatic Brain Injury by Machine Learning Models

 Xi Zhu, Li Gao, Jun Luo
- 304 Efficacy of Nurse-led Telepsychological Intervention for Patients with Postpartum Depression: A Systematic Review and Meta-analysis

Ting Luo, Zhenyu Zhang, Juan Li, YanJun Li, Wendan Xiao, Yanxi Zhou, Qian Jing, Lihong Zhao

Review

Anti-obesity Drugs for the Treatment of Binge Eating Disorder: Opportunities and Challenges Ilaria Riboldi, Giuseppe Carrà

Original Articles

- Vitamin D and Cognitive Performance in Older Adults: A Cross-Sectional and Mendelian Randomization Study Pei-Ying Li, Nan-Xi Li, Bin Zhang
- Depression, Anxiety, and Stress Among Chinese People During the Omicron Outbreak and Its Impact on Sleep Quality and Alcohol Dependency

 Md Zahir Ahmed, Oli Ahmed, Sang Hanbin, Pei Xie, Mary C. Jobe, Weijian Li
- 537 Exploratory Structural Equation Modeling Analysis of the Anxiety Sensitivity Index 3

 Young-Jin Lim
- The Effect of Hospitalization in the Neonatal Intensive Care Unit on Maternal Stress and Attachment:

 Neonatal Intensive Care Unit Environment Effect

 Begüm Şahbudak, Birol Karabulut
- Increased Hyperactivity with Decreased Parental Perceived Social Support Among Turkish Children with Autism Spectrum Disorder during Coronavirus Disease 2019 Pandemic İlyas Kaya, Ali Karayagmurlu, Süreyyanur Kitapçıoğlu, Nurgül Bakman, Muhammed Furkan Erbay, Melodi Dinçel, Nusret Soylu
- Tracking Studies on the Effects of Qi Gong Fitness on Stress, Anxiety, and Depression Among Underprivileged Working Youth Feilong Wu, Kai Che, Yawen Chang
- 362 Research on Depression in Children with Severe Bronchial Asthma: The Impact of Alexithymia and Somatic Symptoms

 Dan Shen, Long Lin, Yali Fan, Lu Zhan, Chenxia Dong
- 369 Effect of Huo Li Su Oral Solution Combined with Zopiclone in the Treatment of Insomnia Symptoms Lin Cong, Zili Zhou
- 375 Analysis of Intestinal Microbiota in Schizophrenic Patients with Type 2 Diabetes Mellitus Nan Wang, Chunlei Yin, Ruiqi Feng, Rong Jia, Liguo Zhou, Wenyu Wu, Haiyan Yu, Yuan Ye, Zhiting Gong, Lijuan Li





- 382 Retrospective Study on the Therapeutic Effect of Repetitive Transcranial Magnetic Stimulation Combined with Tiapride Hydrochloride Tablets in Children with Attention Deficit Hyperactivity Disorder Sha Tian, Yuhong Xiao, Xiaoli Deng, Wei Zhang
- 388 Attachment Style Modifies the Effect of Spousal Support on Postpartum Depression in Women Runrun Liu, Yingfang Wu, Haoyu Li, Zhiyan Chen
- 395 Analysis of Influencing Factors of Major Depression After Spinal Cord Injury Zhengjie Tang, Xing Yu
- The Role of Trait Emotional Intelligence in Quality of Life, Anxiety, and Depressive Symptoms After Radiotherapy in Lung Cancer Patients with Brain Metastases

 Tingting Wang, Huiying Ma, Yanxin Fan, Yesong Guo, Lei Huang, Wei Chen
- 407 Effect of Group Cognitive Behavioral Therapy on Patients with Early-Onset Schizophrenia Jing Hu, Bojing Geng, Yu Song, Xujing Zhang, Mengdi Zhou, Ping Zhang, Hongjing Song, Keqing Li, Xin Zhang
- The Role of 3' Regulatory Region Flanking Kinectin 1 Gene in Schizophrenia
 Xiaoyun Guo, Xinqun Luo, Xiaoyi Huang, Yong Zhang, Jiawu Ji, Xiaoping Wang,
 Kesheng Wang, Jijun Wang, Xinghua Pan, Bin Chen, Yunlong Tan, Xingguang Luo
- 421 Risk Factors of Alcohol Use Disorders Among Inpatients with Schizophrenia: An Institutional-Based Cross-sectional Survey
 Bing Li, Wei Li, Jie Wang, Xianfeng Zhang, Wei Zheng, Chaomeng Liu, Baoping Yan, Xueyan Chen