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## Prof.Dr. Nevzat TARHAN



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- Name Surname** : K. Nevzat Tarhan
- Date of Birth** : 07.07.1952

Degree	Field	University	Year
BS	Medicine	Istanbul University Cerrahpasa Medical Faculty	1975
Doctorate	Psychiatry	Gulhane Military Medical Academy (GATA)	1982

### 3. Academic Titles:

- Asst. Prof.** : 1988 – GATA Haydarpasa - Istanbul  
**Assoc. Prof.** : 1990 – GATA Haydarpasa - Istanbul  
**Prof.** : 1996 – Yuzuncu Yil University - Van

### 4. Administrative Titles:

- Rector** : Uskudar University - Istanbul (Since 2011)  
**President** : NP Istanbul Brain Hospital - Istanbul (Since 1998)

### 5. Guided Theses

- “A Research About The Neuropsychometric Biochemical and Neuroendocrinologic Symptoms of Aggression Behaviour; A Controlled Study” Şekip Çilden, 1995, Turkish General Staff Gulhane Military Medical Academy, Istanbul
- “A Controlled Study On Those Having Antisocial Personality Disorder from Neuropsychometric, Demographic And Psychosocial Aspects”, Dr.Hüseyin Sönmez Güven, 1990, Turkish General Staff Gulhane Military Medical Academy, Istanbul
- “Depression Prevalence of Retired Soldiers and Its Relationship with Sociodemographic Factors (A Study on Retired Soldiers Living in Istanbul)”, A.Mustafa Üçüncü, 1995, Turkish General Staff Gulhane Military Medical Academy, Istanbul.
- “Hormonal Reactions to Unilateral Dominant, Unilateral Nondominant and Bilateral Electroconvulsive Treatment of Atypical, Acute Psychosises”, Dr.İlhami ilker Özil, 1990, Turkish General Staff Gulhane Military Medical Academy, Istanbul.
- “A Controlled Study on Those Having Conversion Disorder From Psychometric, Demographic and Psychosocial Aspects”, Dr.Burhanettin Kayacan, 1990, Turkish General Staff Gulhane Military Medical Academy, Istanbul.
- “In a Sample of 2300 People, With Its Demographic and Psychosocial Aspects, An Epidemiological Study Regarding Alcohol and Psychoactive Substance Usage”, HU. Karaca, 1992, Turkish General Staff Gulhane Military Medical Academy, Istanbul.

7. "The Efficacy of Maprotiline and Fluoksetin in the treatment of Major Depression", A Comparative, Double-Blind, Controlled Study, Dr Alen Nogay Master's Thesis, 1990, Turkish General Staff Gulhane Military Medical Academy, Istanbul.
8. "Assessment of the effects of the rumi meditation on brain with fmri", RUKİYE KARAKÖSE, Üsküdar University, Social Sciences Institute, Clinical Psychology, 2014.
9. "The examination about the relationship between depression level and use of antidepressant according to social support in women with traumatic experiences", EBRU ÖZKURT TOPCU, Üsküdar University, Social Sciences Institute, Clinical Psychology, 2015.
10. "The predictive effects of value system (in terms of religious coping, trait forgivingness and gratitude questionnaire scales) on anxiety sensitivity: The mediating role of metacognitions", ALİ ENGİN UYGUR, Üsküdar University, Social Sciences Institute, Clinical Psychology, 2016.
11. "An examination on the women diagnosed as vaginismus and not diagnosed as vaginismus about their self-compassion and self-esteem", Gülten Dümen, Üsküdar University, Social Sciences Institute, Clinical Psychology, 2018.
12. "Psychological health workers attitudes about the use of virtual reality method in psychiatric disorder", Ertuğ Gül, Üsküdar University, Social Sciences Institute, Clinical Psychology, 2018.

## 6. Publications

### 6.1. Published Papers in International Journals (ISI WEB OF SCIENCE CORE COLLECTION)

1. Agargun MY., Cilli AS., Kara H., **Tarhan N.**, Kincir F., Oz H., "Repetitive and frightening dreams and suicidal behavior in patients with major depression", *Comprehensive Psychiatry*, (1998), 39(4), pp.198-202.
2. Ozilhan S., Melikoglu U., **Tarhan N.**, Ozden T., Sengul A., "Exploring novelties in psychopharmacology; therapeutic drug monitoring", *Bulletin of Clinical Psychopharmacology*, (2009), 19(1), pp.37-41. WOS:000209020900008
3. Bayram A., Bayraktaroglu Z., Karahan E., Bilgic B., **Tarhan N.**, et.al. "Simultaneous EEG/fMRI Analysis of the Resonance Phenomena in Steady-State Visual Evoked Responses", *Clinical EEG and Neuroscience*, (2011), doi: <https://doi.org/10.1177/155005941104200210>.
4. **Tarhan N.**, Hizli Sayar G., Tan O., Kagan G., "Efficacy of High-Frequency Repetitive Transcranial Magnetic Stimulation in Treatment-Resistant Depression", *Clinical EEG and Neuroscience*, (2012), doi: <https://doi.org/10.1177/1550059412449752>.
5. Hizli Sayar G., Tan O., Eryilmaz G., Ozten E., Salcini C., **Tarhan N.**, "Seizure in a patient receiving transcranial magnetic stimulation treatment", *Anadolu Psikiyatri Dergisi*, (2013), doi: 10.5455/apd.40638.
6. Hizli Sayar G., Ozten E., Tan O., **Tarhan N.**, "Transcranial magnetic stimulation for treating depression in elderly patients, *Neuropsychiatry Disorder Treatment*, (2013), doi: 10.2147/NDT.S44241.
7. Ozekes S., Erguzel TT., Hizli Sayar G., **Tarhan N.** "Analysis of Brain Functional Changes in High-Frequency Repetitive Transcranial Magnetic Stimulation in Treatment-Resistant Depression", *Clinical EEG & Neuroscience*, (2014), doi: <http://dx.doi.org/10.1177/1550059413515656>.
8. Erguzel TT., Ozekes S., Gultekin, S., **Tarhan N.**, "Ant Colony Optimization Based Feature Selection Method for QEEG Data Classification", *Psychiatry Investigation*, (2014), <http://dx.doi.org/10.4306/pi.2014.11.3.243> .
9. Erguzel TT., Ozekes S., Gultekin S., **Tarhan N.**, Hizli Sayar G., Bayram A., Neural Network Based Response Prediction of rTMS in Major Depressive Disorder Using QEEG Cordance, *Psychiatry Investigation*, (2014), doi: <http://dx.doi.org/10.4306/pi.2015.12.1.61>.
10. Hizlisayar G., Ozten E., Tufan E., Cerit C., Kagan G., Dilbaz N., **Tarhan N.**, "Transcranial magnetic stimulation during pregnancy", *Archives of Women's Mental Health*, (2014), doi: 10.1007/s00737-013-0397-0.
11. Gul I., Eryilmaz G., Hizli Sayar G., Ozten E., **Tarhan N.**, "Evaluation of the efficacy of the continuation electroconvulsive therapy in treatment-resistant schizophrenia", *Archives of Clinical Psychiatry*, (2014), doi: <http://dx.doi.org/10.1590/0101-60830000000018>.
12. Tas C., Cebi M., Tan O., Hizli Sayar G., **Tarhan N.**, Brown EC., "EEG power, cordance and coherence differences between unipolar and bipolar depression", *Journal of Affective Disorders*, (2015), doi: 10.1016/j.jad.2014.10.001.

13. Erguzel TT., Ozekes S., Hizli Sayar G., Tan O., **Tarhan N.**, "A Hybrid Artificial Intelligence Method to Classify Trichotillomania and Obsessive Compulsive Disorder", *Neurocomputing*, (2015), doi: <http://dx.doi.org/10.1016/j.neucom.2015.02.039>.
14. Erguzel TT., Hizli Sayar G., **Tarhan N.**, "Artificial Intelligence Approach To Classify Unipolar And Bipolar Disorders", *Neural Computing & Applications*, (2015), doi: [10.1007/s00521-015-1959-z](https://doi.org/10.1007/s00521-015-1959-z).
15. Hizli Sayar G., Salcini C., **Tarhan N.**, "Transcranial Magnetic Stimulation in a Depressive Patient with Cardiac Pacemaker", *Journal of ECT*, (2016), doi: [10.1097/YCT.0000000000000342](https://doi.org/10.1097/YCT.0000000000000342).
16. Arıkan K., **Tarhan N.**, Uysal O., Gunay B., Kucuk Z., "The Simplest way of assessing memory and attention function in daily clinical practice", *Neuropsychiatry*, (2016), doi: [10.4172/Neuropsychiatry.1000161](https://doi.org/10.4172/Neuropsychiatry.1000161).
17. Taş C., Mogulkoc H., Eryılmaz G., Gogcegoz I., Erguzel TT., Metin B., **Tarhan N.**, "Discriminating schizophrenia and schizo-obsessive disorder: a structural MRI study combining VBM and machine learning methods", *Neural Computing & Applications*, (2016), doi: [10.1007/s00521-016-2451-0](https://doi.org/10.1007/s00521-016-2451-0).
18. Canbolat F., Kul A., Ozdemir M., Atik U., Aydin A., Ozden T., **Tarhan N.**, "Substance Abuse Profiles of Patients Admitted to the Alcohol and Drug Addiction Research, Treatment, and Education Center in Turkey", *Turkish Journal Of Pharmaceutical Sciences*, (2017), 14, 3, pp:294-303, doi: [10.4274/tjps.50470](https://doi.org/10.4274/tjps.50470).
19. Metin SZ., Metin B., Kocarslan B., Salcini C., **Tarhan N.**, "Quantitative EEG may help differentiating bipolar disorder at old age from frontotemporal dementia", *European Psychiatry*, (2017), doi: [10.1016/j.eurpsy.2017.01.1021](https://doi.org/10.1016/j.eurpsy.2017.01.1021)
20. Metin SZ., Erguzel TT, Gulhan E., Salcini C., Kocarslan B., Cebi M., Metin B., Tanridag O., **Tarhan N.**, "The Use of Quantitative EEG for Differentiating Frontotemporal Dementia From Late-Onset Bipolar Disorder", *Clinical EEG & Neuroscience*, (2017), doi: <https://doi.org/10.1177/1550059417750914>.
21. Salcini C., Hizli Sayar G., Cebi M., Tan O., Kagan G., Tanridag O., **Tarhan N.**, "The impact of high-frequency repetitive transcranial magnetic stimulation on executive functioning of drug-free patients with treatment-resistant depression", *Psychiatry and Clinical Psychopharmacology*, (2017), doi: <https://doi.org/10.1080/24750573.2017.1421398>.
22. Isiten N., Cebi M., Sutcubasi B., Metin B., **Tarhan N.**, "Medication Effects on EEG Biomarkers in Attention-Deficit/Hyperactivity Disorder", *Clinical EEG and Neuroscience*, (2017), doi: [10.1177/1550059416675232](https://doi.org/10.1177/1550059416675232).
23. Kesebir S., Erdiñç B., **Tarhan N.**, "Predictors of metabolic syndrome in first manic episode", *Asian Journal of Psychiatry*, (2017), doi: [10.1016/j.ajp.2016.10.014](https://doi.org/10.1016/j.ajp.2016.10.014).
24. Metin S., Metin B., Tas C., **Tarhan N.**, "Connectivity differences between bipolar disorder, unipolar depression and schizophrenia", *European Psychiatry*, (2017), <https://doi.org/10.1016/j.eurpsy.2017.02.320>.
25. Erguzel TT., Tekin HO., Manici T., Altunsoy EE., **Tarhan N.**, "Comparison of Multiple Linear Regression Analysis and ANN Approaches in the Estimation of Monte Carlo Mean Glandular Dose Calculations of Mammography", *Digest Journal of Nanomaterials and Biostructures*, 13,1; pp. 163-176, (2018).
26. Metin B., Sütçübaşı B., Taş C., Ergüzel TT, Metin SZ., Arıkan K., **Tarhan N.**, "Anatomical Connectivity Changes in Bipolar Disorder and Schizophrenia Investigated Using Whole Brain Tract-Based Spatial Statistics and Machine Learning Approaches", *Neural Computing and Applications*, (2018), doi: <https://doi.org/10.1007/s00521-018-03992-y>.
27. Uyulan Ç., Erguzel TT., **Tarhan N.**, "Entropy-Based Feature Extraction Technique in Conjunction With Wavelet Packet Transform For MultiMental Task Classification", *Biomedical Engineering-Biomedizinische Technik*, (2018), <https://doi.org/10.1515/bmt-2018-0105>.
28. Erguzel TT., Noyan CO., Eryılmaz G., Çebi M., Taş C., Dilbaz N., **Tarhan N.**, "Binomial Logistic Regression and Artificial Neural Network Methods to Classify Opioid Dependent Subjects and Control Group Using Quantitative EEG Power Measures", *Clinical EEG and Neuroscience*, (2018), doi: [10.1177/1550059418824450](https://doi.org/10.1177/1550059418824450).
29. Metin B., Tas C., Cebi M., Büyükarıslan A., Soysal A., Hatlıoglu D., **Tarhan N.**, "Reward Processing Deficits During a Spatial

Attention Task in Patients With ADHD: An fMRI Study”, *Journal of Attention Disorders*, (2018), doi: 10.1177/1087054717703188.

30. Arikan K., Metin B., **Tarhan N.**, “EEG gamma synchronization is associated with response to paroxetine treatment”, *Journal of Affective Disorders*, (2018), doi: <https://doi.org/10.1016/j.jad.2018.04.041>.
31. Sutcubasi B., Metin B., Tas C., Krzan F., Sari B., Ozcimen B., **Tarhan N.**, “The relationship between responsiveness to social and monetary rewards & ADHD symptoms”, *Cognitive, Affective, & Behavioral Neuroscience*, (2018), doi: 10.3758/s13415-018-0609-1.
32. Arikan K., Metin B., Metin SZ., Tulay EE., **Tarhan N.**, “High Frequencies in QEEG Are Related to the Level of Insight in Patients With Schizophrenia”, *Clinical EEG and Neuroscience*, (2018), doi: 10.1177/1550059418785489.
33. Sutcubasi B., Metin B., Tas C., Buyukaslan A., Soysal A., Hatioglu D., **Tarhan N.**, “Gray Matter Increase in Motor Cortex in Pediatric ADHD: A Voxel-Based Morphometry Study”, *Journal of Attention Disorders*, (2018), doi: 10.1177/1087054716659139.
34. Canbolat F., Tasdemir DM., Evrensel A., **Tarhan N.**, “Quantitation of escitalopram and its metabolites by liquid chromatography tandem mass spectrometry in psychiatric patients: New metabolic ratio establishment”, *Basic & Clinical Pharmacology & Toxicology*, (2019), doi: 10.1111/bcpt.13133.
35. Catal T., Kul A., Atalay V., Bermek H, Özilhan S., **Tarhan N.**, “Efficacy of microbial fuel cells for sensing of cocaine metabolites in urine-based wastewater”, *Journal of Power Sources*, (2019), doi: <https://doi.org/10.1016/j.jpowsour.2018.12.078>.
36. EE Tulay, Metin B., **Tarhan N.**, Arıkan K., “Multimodal Neuroimaging: Basic Concepts and Classification of Neuropsychiatric Diseases”, *Clinical EEG and Neuroscience*, (2019), doi: 10.1177/1550059418782093.
37. Agar O., Kavaz E., Altunsoy E., Kilicoglu O., Tekin O., Erguzel T, **Tarhan N.**, Er2O3 effects on photon and neutron shielding properties of TeO2-Li2O–ZnO-Nb2O5 glass system, *Results in Physics*, <https://doi.org/10.1016/j.rinp.2019.102277>.
38. Tekin HO., Kavaz E., Altunsoy EE., Kilicoglu O., Agar O., Sayyed MI., **Tarhan N.**, Characterization of a broad range gamma-ray and neutron shielding properties of MgO-Al2O3-SiO2-B2O3 and Na2O-Al2O3-SiO2 glass systems, *Journal of Non-Crystalline Solids*, <https://doi.org/10.1016/j.jnoncrysol.2019.05.012>.
39. Kilicoglu O., Altunsoy EE, Agar O., Tekin HO., **Tarhan N.**, et al., Synergistic effect of La2O3 on mass stopping power (MSP)/projected range (PR) and nuclear radiation shielding abilities of silicate glasses, *Results in Physics*, <https://doi.org/10.1016/j.rinp.2019.102424>

## 6.2. Published Research Papers in Peer-Reviewed International Journals

1. Çetin, M., Ozogretmen, H., **Tarhan N.**, “Prevalence of Psychosis in the Age of Military Service (Between 20-22 years) Males in Turkey”, *Biological Psychiatry, (Abstract)* ,29. 6665.P:1991.
2. Çetin, M., Ceylan, E., **Tarhan N.**, “Depresyon Tedavisinde Amineptin ve Trazod’un Etki ve Yan Etkilerinin Çift Kör Karşılaştırılması”, *Düşünen Adam*. 4:14-19, 1991.
3. Çetin, M., Doğruöz, K., **Tarhan N.**, “Klasik Dermatolojik Topikal Tedaviden Yararlanamamış Alopecia Areal Hastalarda Çift Kör Fluoxetine Paceybo ve Psikoterapi Uygulamaları”, *Düşünen Adam*. 4:(2):18-24, 1991. 1991.
4. Çetin, M., **Tarhan N.**, Ceylan, E. et al: “A Comparison of the Effects and Side-Effects of Fluvoksamine and Imipramine in Major Depression”, *Current Aspect in Clinical Psychopharmacology* 91, (Abstract). October 15-18. 1991 Güllük, Turkey P:39.
5. **Tarhan N.**, Sertralin: Yeni Bir Antidepresan, *Klinik Psikofarmakoloji Bülteni*. V:2, P:3, 22-38, 1992.
6. Çetin, M., Gültepe, M., Özcan, A., **Tarhan N.**, et al. “The role of phospholipase A2 (PLA-2) enzyme in the etiology of depression”, *Düşünen Adam*. 1994. 7(1-2):31-39.
7. **Tarhan N.**, Özil, İ., Ceylan, M.E., Çetin, M. “A Comparative Study of Hormonal Responses of ULD, ULND and BLECT in Patients with Acute Psychosis” (Abstract), *American College of Neuropsychopharmacology*, 10: No.3S/part 2, May, 1994. p.239.
8. **Tarhan N.**, Güven, S., Çetin, M., Ceylan, M.E., Burkovik, Y., “Cognitive Disorders in Antisocial Personality. A heatly Conrolled Study” (Abstract), *American Colege of Neuropsychopharmacology*, 10:No.3S/Part 2, May, 1994. p.199.

9. Agargün, M., Karelt., **Tarhan N.**, Kincir, F., Bilgi, H.: "The Importance of insomnia in Patients with panic disorder": *Medicine*, I: 37-39, 1997.
10. Tan O., Coban A., **Tarhan N.**, Baripoglu S., Guducu F., Izgi HB., Hizli G., Ates O., Bulut H., "Antidepressant effect of 58 sessions of r TMS in a pregnant woman with recurrent major depressive disorder: A case report." *Primary Care Companion Journal of Clinical Psychiatry*, 2008; 10 (1): 69-71. (*Letter to the Editor*)
11. Tan O., Coban A., **Tarhan N.**, Baripoglu S., Guducu F., Izgi H.B., Hizli G., Ates O., Bulut., H., "Exacerbation of obsessions with modafinil in 2 patients with medication-responsive obsessive-compulsive disorder", *Primary Care Companion to the Journal of Clinical Psychiatry*, (2008), 10(2):164-165. (*Letter to the Editor*)
12. G Hızlı Sayar, O Tan, G Eryılmaz, E Ozten, C Salcini, **N. Tarhan**, Transkraniyal manyetik uyarım tedavisi sırasında ortaya çıkan nöbet, *Anadolu Psikiyatri Dergisi* 2013;14:287-9, doi: 10.5455/apd.40638.
13. IG. Gül, G. Hızlı Sayar, E. Özten, **N. Tarhan**, Bipolar bozukluk tanısı olan bir hermafrodit olgusunda hezeyanların fenomenolojisi, *Nöropsikiyatri Arşivi*, 2013. DOI: 10.4274/npa.y7231
14. M. Çebi, C. Taş, **Tarhan N.**, New Treatment Approaches in Tinnitus: The Place of Repetitive Transcranial Magnetic Stimulation and Transcranial Direct Current Stimulation, *Turkish Archives of Otolaryngology. Turkish Archives of Otolaryngology*, 2014. DOI: 10.5152/tao.2014.533.
15. Taş C., Erensoy H., İbadi Y., Brown E., **Tarhan N.**, Anksiyete Bozukluklarında tedavisi Sonrasında QEEG Değişiklikleri: Olgu Serisi, *The Journal of Neurobehavioral Sciences*, DOI : : 10.5455/JNBS.1392036730, 2014, 1(1), pp. 9-13.
16. Korkmaz N., Sayar GH., Ünübol H., **Tarhan N.**, İnternet Bağımlılığı Olan ve Olmayan Üniversite Öğrencilerinin Zihin Kuramı Yönünden Karşılaştırılması, 2018, 2(1), s:17-21, DOI : 10.5455/car.105-1526826750
17. Eryılmaz G., Hızlı Sayar G., Önen Ünsalver B., Gül IG., Eryılmaz G., **N. Tarhan.**, "Is there a relationship between bupropion plasma levels and blood pressure increase? *Scholars Academic Journal of Pharmacy*, 2014; 3(2):197-200
18. Aslankara M., Bayram A., **Tarhan N.**, Arslan A., "Effect of Ovarian Hormones on Memory Suppression", *The Journal of Neurobehavioral Sciences*, DOI : 10.5455/JNBS.1406027541. 2014, 1(3), pp. 63-69.
19. Evrensel A., **Tarhan N.**, Ceylan M., Comert G., "Inappropriate sexual behaviour due to frontal dementia", *BMJ Case Reports*, (2016), doi:10.1136/bcr-2014-207864.
20. Yılmaz O., Nurmedov S., Noyan CO, Darcın E., Dilbaz N., **Tarhan N.**, "When is the appropriate time for families to be involved in addiction treatment; From the beginning? A retrospective evaluation of inpatients in a private hospital", *JNBS*, 2015, 2(3), p:105-109, DOI : 10.5455/JNBS.1443118118.
21. Tas C., Karakose R., Metin B., **Tarhan N.**, et.al., "Functional brain changes during Sema Meditation: Neuronal correlates and their associations with affective states", *JNBS*, 2015, 2(1), p:1-6, DOI:10.5455/JNBS.1433752749.
22. Sağlam E., **Tarhan N.**, Özdamar E., In Case of Treatment-Resistant Schizophrenia, Pharmacogenetic Tests Could Be Helpful to Explain the Resistance and the Selection of New Drugs, *Türkiye Klinikleri J Case Rep*. 2015;23(3):286-90, doi: 10.5336/caserep.2013-34158.
23. Evrensel A., Balibey H., **Tarhan N.**, "Clinical Features and Length of Stay of Inpatients in the Psychiatric Ward of A Military University Hospital: One-Year Review", (2016), *Med-Science*, 5(2): 371-83, doi: 10.5455/medscience.2015.04.8384.
24. Ünsalver, BO., Gulmez H., Evrensel A., **Tarhan N.**, "Repeated Transcranial Magnetic Stimulation as a Successful Augmentation Strategy in a Patient with First Episode Psychosis", (2016), *JNBS*, 3(3): 122-124, doi: 10.5455/JNBS.1474971840.
25. Özcan S., Sayar GH., **Tarhan N.**, Nonpharmacological Treatment Approach to Pain, *JNBS*, 3,(2), 2016, doi: 10.5455/JNBS.1459855497.
26. Sayar GH., **Tarhan N.**, Future of Psychiatry: Mobile Health and Social Sensing, *JNBS*, 3 (2), 2016, DOI: 10.5455/JNBS.1462263417.
27. Evrensel A., Salcini C., **Tarhan N.**, Ünsalver BÖ., Persistent Lingual Dyskinesia and Protrusion Due To Clomipramine and Risperidone, *JNBS*, 3, (2), 2016, DOI: 10.5455/JNBS.1456830409.

28. Antikacıoğlu L., **Tarhan N.**, A speculation on the mechanisms of ECT, TMS, tDCS and similar techniques, *JNBS*, 3, (2), 2016, doi: 10.5455/JNBS.1465994805.
29. Antikacıoğlu L., **Tarhan N.**, On Culture, Biases, Brain Washing, Behavior Changing, Public Opinion and Similar, *JNBS*, 3, (3), 2016, doi: 10.5455/JNBS.1481529302.
30. Sayar GH., Bulut H., **Tarhan N.**, Use of Repetitive Transcranial Magnetic Stimulation for Treatment of Auditory Hallucinations: A Case Report and Brief Review, *JNBS*, 3, (1), 2016, DOI: 10.5455/JNBS.1449305089.
31. Antikacıoğlu L., **Tarhan N.**, Pedophilia and other monosymptomatic psychopathologies, *JNBS*, 4, (1), 2017, *JNBS*, doi: 10.5455/JNBS.1487936293.
32. Metin B., Pehlivan R., **Tarhan N.**, Reliability and validity of Uskudar fear of missing out scale, *JNBS*, 2017, 4(2), 43-46, doi : 10.5455/JNBS.1494334674
33. Ünsalver BÖ., **Tarhan N.**, Transcranial Magnetic Stimulation in the Treatment of Major Depressive Disorder, *Türkiye Klinikleri Psychiatry-Special Topics*, 2017, 10(2),79-87.
34. Metin B., Kaya A., Kaya B., **Tarhan N.**, et.al. "EEG findings during flow state", *JNBS*, 2017, 4(2), Doi: 10.5455/JNBS.1496152464.
35. Unubol H., Hizli Sayar G.,**Tarhan N.**, et.al. "Positive psychology course and its effect on well-being, social, and emotional intelligence", *JNBS*, 2018, 5(3), p:156-164, DOI : 10.5455/JNBS.1538465211.
36. Metin B., Alpugan Z, **Tarhan N.**, et.al. "Reliability and validity of the Turkish version of the ADHD DSM Scale", *JNBS*, 2018,5(1),p:3-7, DOI : 10.5455/JNBS.1522419592.
37. Tekin HO., Erguzel TT., Karahan M., Konuk M., **Tarhan N.**, "Radiation Attenuation Properties Of Human Brain Regions According To Elemental Composition In Radiological Energy Range: A Monte Carlo Simulation", *The Journal of Neurobehavioral Sciences* (2018), DOI: 10.5455/JNBS.1521311225.
38. Kansu F., **Tarhan N.**, Politik Psikoloji ve Politik Öz-Yeterlik, *Sosyal Bilimler Dergisi*, 6, 1-18, 2018, <https://dx.doi.org/10.32739/uskudarsbd.4.6.38>.
39. Sayar GH., Unubol H., Omay O., **Tarhan N.**, Successful Administration of Repetitive Transcranial Magnetic Stimulation in a Woman with Bulimia Nervosa Comorbid with Depressive Disorder, *JNBS*, 5 (2), 2018, DOI: 10.5455/JNBS.1523202016.
40. Ozdemir M., Atalay V., Bermek M., Ozilhan S., **Tarhan N.**, Catal T., "Removal of cannabis metabolite from human urine in microbial fuel cells generating electricity", (2019), *Bioresource Technology Reports*, doi: <https://doi.org/10.1016/j.biteb.2019.01.003>.
41. Hizli Sayar G., **Tarhan N.**, Personalized Psychiatry, *Open Access Journal of Behavioural Science and Psychology*, 2019, 2(3), OA J Behavioural Sci Psych 2019, 2(3): 180022.

### 6.3. Presented Papers at International Scientific Conferences

1. Özkan, S., Nogay, A., **Tarhan N.**, et al: Psychiatric and Psychosocial study of Selfmutilating patients, presented at the VIII. World Congress of Psychiatry October 12-19. 1989 Athens, Greece.
2. **Tarhan N.**, Güven, S., Özkan, S. et al: Searching Cognitive Correlates of Antisocial Personality By Test and CEEF Presented at the VIII. World Congress of Psychiatry October 12- 19 1989 Athens, *Turkish Journal Research in Medical Sciences* V.8,pp: 427-433. 1990.
3. Çetin, M., **Tarhan N.**, Özöğretmen, H., et al: Double-Blind Comparison of the Effects and Side-Effects of Amineptine and Mianserin in Depression . 5 th World Congress of Biological Psychiatry, Florence, June, 9-14 1999, *Biol. Psychiatry*, 29(11S):357(S). 1991.
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11. **Tarhan N.**, Agresyonun çeşitleri biyolojik boyuttu ve ilaçla tedavisi. Klinik Psikofarmakolojide Yenilikler Sempozyumu II. Panel Konuşması, 1992. İstanbul.
12. **Tarhan N.**, Temporomandibular eklem hastalıklarının Psikiyatri ile ilişkisi. TME Paneli, 1992. İstanbul.
13. **Tarhan N.**, Karaca, U., Çetin, M., Psikoaktif Madde kötüye kullanım yaygınlığı bazı demografik ve Psikososyal özellikler üzerine Epidemiyolojik bir çalışma. 28. Psikiyatri Kongresi 27-30 Eylül 1992. Hacettepe Tıp Merkezi, Ankara.
14. **Tarhan, N.**, Karaca, U., Çetin, M. ve ark. Alkolle ilgili tutumlar üzerine 2300 kişilik örneklemede alkol kullanan ve kullanmayan grupların karşılaştırılması. 28. Psikiyatri Kongresi. 27-30 Eylül 1992. Ankara.
15. **Tarhan, N.**, Karaca, U., Çetin, M. ve ark. 2300 kişilik bir örneklemede Alkol kullanım yaygınlığı, bazı Psikososyal ve demografik özelliklerle ilgili epidemiyolojik bir çalışma. 28. Psikiyatri Kongresi. 27-30 Eylül 1992. Ankara.
16. Çetin, M., Bulut. A.R., Ertürk, M., **Tarhan, N.** ve ark. Primer Fibromiyalji Sendromlu hastaların kişilik yapıları ve ruhsal durumlarının araştırılması. 28. Psikiyatri Kongresi. 28-30 Eylül 1992. Ankara.
17. Çetin, M., Aydılek, R., **Tarhan, N.** ve ark. Bronşiyal astmalıların kişilik yapıları ve ruhsal durumlarının araştırılması 28. Psikiyatri Kongresi. 27-30 Eylül 1992. Ankara.
18. **Tarhan N.**, Types of Aggression, Biological dimensions of it and Its Treatment with Drugs. Symposium of Novelties in Clinical Psychopharmacology II Panelist. May 22, 1992. İstanbul.
19. **Tarhan N.**, Relations of temporomandibular joint disorders with Psychiatry TME Panel. April 24, 1992.İstanbul.
20. **Tarhan N.**, Depresyon ve Hormonlar, Panel Konuşması, III. Anadolu Psikiyatri Günleri (Depresyon) 1994. Trabzon.
21. **Tarhan N.**, Psychosocial dimension of Osteoporosis, Diagnosis and Treatment of Osteoporosis, Göksoy, T., 2000. İstanbul. Bilmedya Group. 255-260.
22. **Tarhan N.**, II. Risk Altında ve Korunması Gereken Çocuklar Uluslararası Sempozyumu “Güvenli Çevre-Güvenli Okul, 24-26.04.2010
23. **Tarhan N.**, KTÜ Hasta Hakları Uygulama ve Araştırma Merkezi (HAHUM) 1. Ulusal Kongresi “Sağlıkta Haklar, Sorunlar ve Sorumluluklar” 21.09.2010.
24. **Tarhan N.**, Emosyon Regülasyonunun Nöromodülasyonu, 1.Deneysel Sinirbilim Kongresi, 17.12.2017 İstanbul.
25. Ulucan K., Sercan C., Kapıcı S., Konuk M., **Tarhan N.**, Effect of SLC6A4 promotor insertion/ deletion polymorphism on major depression susceptibility, 2. Ulusal Uygulamalı Biyolojik Bilimler Kongresi, 09.07.2017.Afyon.
26. **Tarhan N.**, Depresyon Tedavisinde Psikofarmakoloji Dışı Güncel Etkin Tedaviler, 2. Psikiyatri Zirvesi & 9. Ulusal Anksiyete Kongresi 08.03.2017, Antalya.
27. **Tarhan N.**, Eğitimde Stres Yönetimi, 17. Geleneksel Eğitim Konferansı-Türkiye’de ve Dünyada Değerlendirme Sistemlerinin Eğitime Etkisi, Antalya, 31.01.2018.

28. **Tarhan N.**, Sinirbilime Prospektif Bakış ve Spor Genetiği, Nörobilim ve Mavi Beyin, 15.12.2018, İstanbul.
29. **Tarhan N.**, Microbial Fuel Cell Technology, 2nd Astrobiology Congress, 2018, Ankara.
30. **Tarhan N.**, Çocuk ve Aile, Konya Ticaret Odası Karatay Üniversitesi, 28.12.2018
31. **Tarhan N.**, Precisine Medicine in Psychiatry: From TDM to Pharmacogenetic , 3<sup>rd</sup> Psychiatry Summit and 10<sup>th</sup> National Anxiety Congress, 15.03.2018, Antalya.
32. **Tarhan N.**, Nöromodülasyon Tedavileri, 17. Ulusal Sinirbilim Kongresi, Trabzon, 06.04.2019.

## 7. List of Awards

1. Awarded with "**Best Researcher**" at the international congress on "Destructive Drives and Impulse Control" held in Holland in 1991.
2. Awarded with "**RTGD Best Community Program**" for television program called Reasonable Solutions conducted once a week on TV in 2003.
3. Awarded for his SKY TURK, Psikoyorum program on "**Supporting family Training and prospective community mental health services**" from Prime Ministry General Directorate of Family and Social Research in 2005.
4. Awarded "**Golden Apple**" by Amasya Foundation in 2007 due to his contributions of Turkish music in music therapy.
5. Awarded with "**Golden Tulip**" by Prof. Mümtaz Turhan Social Vocational School, Psychology branch in 2009.
6. Awarded "**Good Implementation of Patient Safety**" by OHSAD and Patient Safety Foundation in 2009.
7. Awarded with "**Congress Ambassador**" in 2010 due to his effort to bring world-wide known scientists in ECNS Congress, İstanbul.
8. Awarded with "**Presidential Service Prize**" in ECNS/ ISNIP/ ISBET Germany Munich Clinic Neuroscience Congress, 2015 due to his contributions in Neurophysiology.
9. Awarded with "**From Universal Fellowship to World Peace Invitation Award**" in Science and Research branch by World Fellowship Union Mevlana Supreme Foundation Universal, 2017.
10. Awarded with "**Social Responsibility Award in Health**" in 2017 by Health Volunteers Turkey and Hospital Manager Magazine due to his genuine contributions in health system.
11. Awarded with "**Golden Axon Leadership Award**" presented by Brain Mapping Foundation. Prof. Dr. Tarhan is the only Turkish individual among the leadership award recipients, 2019.
12. Awarded with "**The Best Writer Award**", by Istanbul University student council for under the theme of 1453 Awards, 2019.
13. "The Design of The First Specially Equipped Psycho-emergency Ambulance of the world" (Pending for Patent)

## 8. Book Chapters

1. **Tarhan N.**, Stress and Diseases, - *Symposium book, Editor and Chapter Author*, 1989.
2. **Tarhan N.**, Innovations in Psychopharmacology - *Symposium book, Editor and Chapter Author*, 1991.
3. **Tarhan N.**, Violence, Biopsychosocial Perspective, – Co-author with Prof. İbrahim Balcıoğlu, 1998.
4. **Tarhan N.**, Satanism: Its Nature, reasons for its Dissemination, and ways to prevent It. Ed: Lauisa Cunningham, Satanism and False Mystical Trends The Light Rutherford-New Jersey, 2004.
5. Cifter I., **Tarhan N.**, Akpınar S., Electroencephalographic Findings In Patients showing Psychopatkc-Sosyopathic Personalty, Yearbook of International Psychiatry. Ed Nash Boutros Nova Sciences Pub.İnc. 2010.
6. Hızlı Sayar G., **Tarhan N.**, Parasomnias Ed: Chris Idzikowski, sleep Disorders, Croatia, Intech 2012.
7. Yu Chen, Babak Kateb. EEG Biomarkers in Depression. Tarhan, N., Çebi, M., Ergüzel, T., Ünsalver, B. Taş, C. et.al. In Neurophotonics and Brain Mapping, pp 513-524, 2017.

8. Sayar GH., **Tarhan N.**, Psikiyatrik Hastalıklarda Transkranyal Stimülasyon Teknikleri, Fonksiyonun Cerrahi Anatomisi, US Akademi 2018.
9. G. Hızlı Sayar, **N. Tarhan**, Psikiyatride Nöromodülasyon Teknikleri. Temel ve Klinik Psikiyatri. Ed. Oğuz Karamustafaloğlu. Güneş Tıp Kitapevleri, 2018. ISBN: 9789752777033.
10. **Tarhan N.**, Logical Reasoning in Creation, Adem Tatlı, Tatlı Adem, Bilimler Işığında Yaratılış I, 2017.
11. **Tarhan N.**, Nöroteoloji, Sınır Bilimden Din Bilimine, Tatlı Adem, Bilimler Işığında Yaratılış II, 2018.

## 9. Books

1. Blood and Circulation (1982)
2. Stress & Diseases (1990) GATA
3. Violence from the perspective of Biology, Sociology and Psychology (2000) ISBN: 975-411-258-0
4. Being at Peace with Yourself: Human and Society From the View of Psychiatry (2001) ISBN: 975-776-2108
5. Psychological War, Grey Propaganda (2003) ISBN: 978-975-36-2729-0
6. Being at Peace with Yourself: Training the emotions (2004) ISBN: 978-975-26-3103-8
7. Psychology of Woman (2005) ISBN: 979-975-26-9073-7
8. About Life, Joy of Life-2 (2007) ISBN: 994-482-0974
9. Psychology of Faith and Science / The human in-between Soul, Brain and Mind Triangle (2009) ISBN: 978-975-26-3865-5
10. Family, the Last Shelter (2010) ISBN: 978-975-26-9876-5
11. Asymmetric War, Political Psychology (2010) ISBN: 605-114-1862
12. Addiction (2011) ISBN: 978-605-11-4423-8
13. Psychology of Values and Human, Good Person Model (2011) ISBN: 978-605-08-2117-8
14. Bediüzzaman, the Conscience of Age (2012) ISBN: 605-131-1098
15. You, Me and Our Children (2012) ISBN: 978-605-08-0130-9
16. Journey from Wisdom to Heart, Bediüzzaman Model (2012) ISBN: 605-1311-708
17. Positive Psychology: Multiple Intelligence Applications (2012) ISBN: 605-080-7684
18. Logical Solution: Family Communication Guide (2012) ISBN: 10085947
19. Yunus Therapy (2013) ISBN: 978-605-08-0906-0
20. Love Therapy (2014) ISBN: 978-605-08-1409-5
21. Being a Conscious Family (2014) ISBN: 978-605-08-1801-7
22. Being a Conscious Young, Does Anybody Want to Understand Me? (2015) ISBN: 978-605-08-1904-5
23. Psychology of Happiness, Coping with Stress (2016) ISBN: 978-605-08-2383-7
24. Psychology of Happy Marriage (2016) ISBN: 978-605-08-2291-5
25. Psychology of Emotions and Emotional Intelligence (2016) ISBN: 978-605-08-2369-1
26. A 10-Step Positive Psychology (2016) ISBN: 978-605-08-2261-8
27. School of Family and Marriage (2017) ISBN: 978-605-08-2526-8
28. Mom, What is Coup? (2017) ISBN: 978-605-08-2506-0
29. Psychology of Society: From Social Schizophrenia to Communal Empathy (2017) ISBN: 978-605-08-2500-8
30. Rumi Therapy (2018) ISBN: 978-605-08-0271-9
31. Faith in the Laboratory (2018) ISBN: 605-082-8771
32. Family Therapy with Rumi (2019) ISBN: 978-605-08-2989-1

## 10. Other Scientific Activities & Memberships

- Chief Editor : The Journal of Neurobehavioral Sciences,
- President : Turkish American Neuropsychiatry Association (TANPA),
- Member of Board of Directors : Society for Brain Mapping & Therapeutics (SBMT),
- Editorial Board Member : The Journal of “AIMS Neuroscience”,
- Editorial Board Member : American Journal of Psychiatry and Neuroscience,
- Editorial Board Member : Open Access Journal of Behavioural Science & Psychology,
- Editorial Board Member : ASSAM National Peer Reviewed Journal,
- Editor : “Current Addiction Research” Journal,
- Advisory Board Member : Anatolian Psychiatry Journal,
- Advisory Board Member : Üsküdar University, Journal of Social Sciences,
- Advisory Board Member : Journal of PsycLife,
- Publication Board Member : SSTB International Refereed Academic Journal of Sports, Health and Medical Sciences
- Member : New York Academy of Science,
- Member : American Psychiatric Association (APA),
- Member : Executive Board EEG and Clinical Neuroscience Society (ECNS),
- Member : New York Academia Psychiatry Foundation,
- Member : International Psychogeriatric Association (IPA),
- Member : International Society for Neuroimaging in Psychiatry (ISNIP),
- Member : National Geographic Society,
- Member : Anxiety Disorders Association of America (ADAA),
- Member : International Society For Neurofeedback & Research (ISNR),
- Member : European Congress of Neuropsychio-pharmacology (ECNP),
- Organization of 2015 Turkey and participant of 2016 China, 2017 Germany, 2018 Argentina **G20 - N20 (Neuroscience 20)** Meetings,
- Regulatory Board Membership of 7th International ECNS Congress, Istanbul, 2010.
- Organization of 1st “Stress and Diseases” Symposium, March 29, 1989, İstanbul.
- Organization of “Innovations in Clinical Psychopharmacology Symposium, May 2-3, 1991, GATA Haydarpasa, İstanbul
- Organization of "Violence" Symposium, 1992.
- Organization of “Serotonin” Symposium in Turkey that was attended internationally for the first time, 1993.
- Editorship for six years of “Clinic Psychopharmacology” journal.
- Organization of “Innovations in Clinical Psychopharmacology I symposiums, May 2-3, 1991 GATA Haydarpasa, İstanbul.
- Organization of “Innovations in Clinical Psychopharmacology II “Aggression and Destructive Impulses”, symposiums, May 22, 1992 GATA Haydarpasa, İstanbul.
- Organization of “Innovations in Clinical Psychopharmacology III. “Serotonin and Behavior” Symposiums, April 21-22, 1993, GATA Haydarpasa, İstanbul.
- The first leading symposiums in Turkey on “Stress” in 1989, “Innovations in Psychopharmacology” in 1991, “Aggression” in 1992, “Serotonin” in 1993 were organized.
- Artificial Intelligence in Psychiatric Disorders, ECNS, 2014, Halifax, Nova Scotia, Canada, Chairman.
- Novel Approaches to Personalized Medicine in Psychiatry, XVI World Congress of Psychiatry, 2014, Madrid, Chairman.

## **11. Social Responsibility Activities**

- Presidency of “İDER Humanitarian Values and Psychiatric Care Association”
- Presidency of “ASDER Justice Defenders’ Association” that works in human rights cases
- Presidency of “Happy Home Happy Life Association” that takes care of orphans
- Presidency of “Come Hold My Hand Association” that works against child and teen abuse
- Joint projects with BEMEV which fights against substance addiction.

## **12. Contact Information**

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