

# NÖROPSİKOLOJİ VE NÖROPSİKOLOJİK PSİKOTERAPİ

Prof. Dr. Yener ÖZEN

Erzincan-2024



© Copyright 2024

*Bu kitabın, basım, yayın ve satış hakları Akademisyen Kitabevi A.Ş.'ye aittir. Anılan kuruluşun izni alınmadan kitabın tümü ya da bölümleri mekanik, elektronik, fotokopi, manyetik kağıt ve/veya başka yöntemlerle çoğaltılamaz, basılamaz, dağıtılamaz. Tablo, şekil ve grafikler izin alınmadan, ticari amaçlı kullanılamaz. Bu kitap T.C. Kültür Bakanlığı bandrolü ile satılmaktadır.*

<b>ISBN</b>	<b>Sayfa ve Kapak Tasarımı</b>
978-625-399-791-5	Akademisyen Dizgi Ünitesi
<b>Kitap Adı</b>	<b>Yayıncı Sertifika No</b>
Nöropsikoloji ve Nöropsikolojik Psikoterapi	47518
<b>Yazar</b>	<b>Baskı ve Cilt</b>
Yener ÖZEN	Vadi Matbaacılık
ORCID iD: 0000-0003-1147-0246	<b>Bisac Code</b>
<b>Yayın Koordinatörü</b>	PSY020000
Yasin DİLMEN	<b>DOI</b>
	10.37609/akya.3077

#### **Kütüphane Kimlik Kartı**

**Özen, Yener.**

Nöropsikoloji ve Nöropsikolojik Psikoterapi / Yener Özen.

Ankara : Akademisyen Yayınevi Kitabevi, 2024.

284 s. : 135x210 mm.

Kaynakça var.

ISBN 9786253997915

1. Psikoloji--Nöropsikoloji.

## **GENEL DAĞITIM**

### **Akademisyen Kitabevi A.Ş.**

Halk Sokak 5 / A

Yenişehir / Ankara

Tel: 0312 431 16 33

siparis@akademisyen.com

[www.akademisyen.com](http://www.akademisyen.com)

## ÖNSÖZ

### **Sevgili okuyucu,**

Bilinç, zihin ve beyin arasındaki karmaşık dans, insan deneyiminin en büyüleyici yönlerinden biridir. Nöropsikoloji ve nöropsikoterapi, bu dansın derinliklerine dalmak ve zihinsel sağlığımızı şekillendiren temel süreçleri anlamak için multidisipliner bir yaklaşım sunar. Bu çalışma, bu iki entegre disiplinin sınırlarını keşfederken, okuyucuları beynin gizemlerini çözme yolculuğuna çıkarıyor.

Beyin, düşüncelerimizi, duygularımızı, davranışlarımızı ve algılarımızı kontrol eden karmaşık bir ağdır. Nöropsikoloji, bu süreçlerin nasıl işlediğini ve bazen neden hatalı olabileceğini inceleyerek, zihinsel ve duygusal bozuklukların altında yatan nörobiyolojik temelleri ortaya çıkarır. Nöropsikoterapi ise bu bilgiyi kullanarak, beyin fonksiyonlarını optimize etmek ve bireylerin zihinsel sağlıklarını iyileştirmek için terapötik stratejiler geliştirir.

Çalışmamız, temel nöropsikolojik kavramları ve nöropsikoterapinin uygulamalarını, güncel araştırmalar ve vaka çalışmaları ile birlikte sunmaktadır. Okuyucular, beynin yapısı ve işlevi, duygu ve düşüncelerin nöral temelleri, bellek ve öğrenme mekanizmaları, dikkat ve algı süreçleri gibi konularda derinlemesine bilgi edineceklerdir. Ayrıca, depresyon, anksiyete bozuklukları, travma sonrası stres bozukluğu (TSSB) ve otizm spektrum bozukluğu (ASD) gibi yaygın zihinsel sağlık sorunlarının tedavisinde nöropsikoterapinin nasıl kullanılabileceği üzerine pratik öneriler bulacaklardır.

Bu çalışma, nöropsikoloji ve nöropsikoterapinin karmaşık dünyasına giriş yapmak isteyen öğrenciler, profesyoneller ve meraklı okuyucular için yazılmıştır. Sunduğumuz bilgiler, en son bilimsel bulgulara dayanmaktadır ve her bölüm, konuyu daha iyi anlamanıza yardımcı olacak etkileşimli öğrenme aktiviteleri içermektedir. Amacımız, okuyuculara zihin ve beyin arasındaki ilişkiyi anlama ve bu bilgiyi bireysel ve toplumsal refahı artırmak için kullanma konusunda güçlü bir temel sağlamaktır.

## Önsöz

Bu kitabın sayfaları arasında, nöropsikoloji ve nöropsikoterapinin sunduđu umut ve iyileşme potansiyelinin keşfi sizi bekliyor. Bilimsel keşiflerin ve kişisel hikayelerin bir araya geldiđi bu yolculuk, zihnin derinliklerine yapılan bir dalıştır. Haydi, bu keşif yolculuđuna birlikte çıkalım.

*Sevgi ve Saygılarımla...*

**Prof. Dr. Yener ÖZEN**

# İÇİNDEKİLER

<b>Bölüm 1: Nöropsikolojinin Temelleri</b> .....	<b>31</b>
Beyin Anatomisi ve İşlevleri .....	31
Beyin Lobları ve İşlevleri:.....	31
Nöropsikolojik Psikoterapi Bağlamında Bazal Gangliyonlar ve İşlevleri.....	37
Nöropsikolojik Psikoterapi Bağlamında Limbik Sistem ve İşlevleri .....	39
Beyin Sapı ve Limbik Sistem:.....	40
Nörogörüntüleme ve Beyin Anatomisi: .....	42
Beyindeki Asimetri ve İşlevsel Farklılıklar: .....	47
Beyin Gelişimi ve Nöroplastisite:.....	48
Sinir Sistemi ve Beyin Araştırmaları: Genel Bakış.....	52
Bilişsel Süreçlerin Nöropsikolojisi .....	64
Duygusal ve Sosyal İşlevlerin Nöropsikolojisi.....	70
<b>Bölüm 2: Nöropsikolojik Bozukluklar</b> .....	<b>77</b>
Travmatik Beyin Yaralanmaları.....	77
Nörodejeneratif Hastalıklar (Alzheimer, Parkinson vb.) .....	83
Gelişimsel Nöropsikolojik Bozukluklar .....	90
İnme Sonrası Nöropsikoloji .....	97
Psikiyatrik Bozuklukların Nöropsikolojisi.....	99
Anksiyete Bozukluklarında Psikoterapinin Rolü.....	105

<b>Bölüm 3: Nöropsikolojik Değerlendirme .....</b>	<b>106</b>
Nöropsikolojik Değerlendirme Süreci.....	106
Nöropsikolojik Değerlendirme Sürecinin Aşamaları:.....	107
Nöropsikolojik Değerlendirmenin Kullanım Alanları.....	116
Bilişsel Testler ve Uygulamaları.....	117
Bilişsel Testler ve Uygulamaları .....	117
Davranışsal ve Duygusal Değerlendirme.....	126
Değerlendirme Sonuçlarının Yorumlanması .....	131
Nöropsikolojik Değerlendirme Sonuçlarının Yorumlanması .....	132
<b>Bölüm 4: Nöropsikolojik Psikoterapi Yaklaşımları.....</b>	<b>138</b>
Nöropsikolojik Psikoterapi Yaklaşımlarının Anahtar Özellikleri .....	139
Bilişsel Davranışçı Terapi (BDT).....	146
Rehabilitasyon Yaklaşımları.....	152
Hafıza Geliştirme Teknikleri .....	159
Duygusal Düzenleme Stratejileri .....	166
Duygusal Düzenleme Stratejileri .....	168
Aile ve Sistemik Terapiler.....	173
Aile ve Sistemik Terapilerin Temelleri .....	174
Uygulama Örnekleri.....	178
<b>Bölüm 5: Nöropsikoloji’de Özel Konular ve Uygulamalar .....</b>	<b>181</b>
Çocuk ve Ergenlerde Nöropsikolojik Girişimler .....	181
Güncel Araştırmalardan Kanıtlar .....	181
Yaşlılıkta Nöropsikolojik Destek .....	186
Yaşlılıkta Nöropsikolojik Destek .....	186
Araştırmalardan Elde Edilen Bulgular .....	188
Teknoloji ve Nöropsikolojik Uygulamalar .....	192
Teknoloji ve Nöropsikolojik Müdahaleler .....	193
Sanat ve Yaratıcılığın Terapideki Yeri .....	197

Sanat Terapisinin Etkililiği.....	199
Nöropsikolojik Psikoterapide Etik ve Hukuki Konular.....	203
Etik ve Hukuki Sorunlar .....	204
<b>Bölüm 6: Gelecek Perspektifleri ve Araştırma Yönelimleri .....</b>	<b>209</b>
Gelecek Perspektifleri .....	209
Araştırma Yönelimleri .....	214
Nöropsikolojide Güncel Araştırma Trendleri .....	217
Psikoterapide Nörobilimsel Yaklaşımlar .....	221
Transdisipliner Yaklaşımlar ve Entegrasyon.....	226
Entegrasyonun Zorlukları:.....	228
Entegrasyonun Fırsatları.....	228
Transdisipliner Yaklaşımların Potansiyeli.....	229
Zorluklar ve Üstesinden Gelme Yolları .....	230
Ekler .....	231
Nöropsikolojik Testler ve Değerlendirme Araçları Rehberi..	231
Nöropsikolojik Değerlendirme ve Testlerin Sınırlılıkları.....	233
Nöropsikoterapide Vaka Çalışmaları ve Uygulama Örnekleri....	236
Nöropsikoterapide Vaka Çalışmalarının Önemi .....	236
Nöropsikoterapinin Uygulama Örnekleri .....	238
Nöropsikoterapinin Uygulamasındaki Zorluklar .....	239
Nöropsikoterapinin Uygulamasındaki Fırsatlar .....	240
Nöropsikoloji ve Nöropsikoterapi İçin Araştırma ve	
Kaynakça İçin Online Platformlar .....	241
Online Veritabanları ve Araştırma Platformları .....	241
Uzman Dernekleri ve Organizasyonlar.....	241
Online Dergiler ve Yayınlar .....	242
<b>Sonsöz.....</b>	<b>242</b>
<b>Kaynaklar .....</b>	<b>245</b>

## KAYNAKLAR

- Abraham, A. (2019). The neuropsychology of creativity. *Current Opinion in Behavioral Sciences*, 27, 71-76.
- Abrams, G. (2021). Cognitive Rehabilitation Therapy. *Encyclopedia of Gerontology and Population Aging*.
- Ahmed, S., & Hasan, M. M. (2016). Muslim heritage in medicine: A concise review on Greco-Arabic contribution. *Journal of Pharmacognosy and Phytochemistry*, 5, 273-283.
- Airaksinen, E., Larsson, M., & Forsell, Y. (2005). Neuropsychological functions in anxiety disorders in population-based samples: Evidence of episodic memory dysfunction. *Journal of Psychiatric Research*, 39(2), 207-214.
- Alavi, S. B., & Sanderson, W. C. (2015). Mechanisms of action in psychotherapy. *The encyclopedia of clinical psychology*, 1-7.
- Albeniz, A., & Holmes, J. (1996). Psychotherapy integration: Its implications for psychiatry. *British Journal of Psychiatry*, 169(5), 563-570.
- Aldao, A., & Nolen-Hoeksema, S. (2010). Specificity of cognitive emotion regulation strategies: A transdiagnostic examination. *Behaviour research and therapy*, 48(10), 974-83.
- Aldao, A., Nolen-Hoeksema, S., & Schweizer, S. (2010). Emotion-regulation strategies across psychopathology: A meta-analytic review. *Clinical psychology review*, 30(2), 217-37
- Aldao, A., Nolen-Hoeksema, S., & Schweizer, S. (2010). Emotion-regulation strategies across psychopathology: A meta-analytic review. *Clinical psychology review*, 30(2), 217-37.
- Allen, D., & Haderlie, M. M. (2010). Trail-Making Test
- Alzheimer's Association. (2020). 2020 Alzheimer's disease facts and figures. *Alzheimer's & Dementia*, 16(3), 391-460.
- Andión, Ó., Ferrer, M., Matalí, J., Gancedo, B., Calvo, N., Barral, C., Valero, S., Di Genova, A., Diener, M. J., Torrubia, R., & Casas, M. (2012). Effectiveness of combined individual and group dialectical behavior therapy compared to only individual dialectical behavior therapy: a preliminary study. *Psychotherapy*, 49(2), 241-50.
- Appelbaum, A. (2006). Supportive psychoanalytic psychotherapy for borderline patients: An empirical approach. *The American Journal of Psychoanalysis*, 66, 317-332.
- Arango-Lasprilla, J. (2015). Commonly used Neuropsychological Tests for Spanish Speakers: Normative Data from Latin America. *NeuroRehabilitation*, 37(4), 489-491.
- Assuras, S., & Levin, B. (2013). Special Considerations for the Neuropsychological Interview with Older Adults. In *Neuropsychological assessment and intervention for youth* (pp. 3-9).
- Ávila, R., Bottino, C. M. C., Carvalho, I. A. M., Santos, C. B., Seral, C., Miotto, E. C. (2004). Neuropsychological rehabilitation of memory deficits and ac-



- tivities of daily living in patients with Alzheimer's disease: A pilot study. *Brazilian Journal of Medical and Biological Research*, 37(11), 1721-1729.
- Azim, A., & Joseph, B. (2018). Traumatic Brain Injury. *PLOS ONE*, 12(1), 1-10.
- Badre, D., & Nee, D. E. (2018). Frontal Cortex and the Hierarchical Control of Behavior. *Trends in Cognitive Sciences*, 22, 170-188.
- Ban, T. A. (2001). Pharmacotherapy of mental illness - a historical analysis. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*.
- Bandeira, I. D., Lins-Silva, D., Barouh, J. L., Faria-Guimarães, D., Dorea-Bandeira, I., Souza, L. S., ... & Lucena, R. (2021). Neuroplasticity and non-invasive brain stimulation in the developing brain. *Progress in Brain Research*, 264, 57-89.
- Barili, P., De Carolis, G., Zaccheo, D., & Amenta, F. (1998). Sensitivity to ageing of the limbic dopaminergic system: a review. *Mechanisms of Ageing and Development*, 106(1), 57-92.
- Barkley, R. A. (1997). Behavioral inhibition, sustained attention, and executive functions: Constructing a unifying theory of ADHD. *Psychological Bulletin*, 121(1), 65-94.
- Barr, W. (2002). Neuropsychological Testing for Assessment of Treatment Effects: Methodologic Issues. *CNS Spectrums*, 7(4), 300-306
- Bartholdy, S., Musiat, P., Campbell, I. C., & Schmidt, U. (2013). The potential of neurofeedback in the treatment of eating disorders: a review of the literature. *European eating disorders review: the journal of the Eating Disorders Association*, 21(6), 456-463.
- Behrs, J. O., & Gutheil, T. G. (2001). Informed consent in psychotherapy. *The American Journal of Psychiatry*, 158(1), 4-10.
- Bear, M. F., Connors, B. W., & Paradiso, M. A. (2016). *Neuroscience: Exploring the brain* (4th ed.). Wolters Kluwer.
- Bearden, C. E., Hoffman, K. M., & Cannon, T. D. (2001). The neuropsychology and neuroanatomy of bipolar affective disorder: a critical review. *Bipolar Disorders*, 3(3), 106-150; discussion 151
- Beaulieu, C., Dijkers, M., Barrett, R. S., Horn, S. D., Giuffrida, C. G., Timpson, M. L., Carroll, D. M., Smout, R. J., & Hammond, F. M. (2015). Occupational, physical, and speech therapy treatment activities during inpatient rehabilitation for traumatic brain injury. *Archives of Physical Medicine and Rehabilitation*, 96(8), S222-S234.
- Beaulieu, J., Gainetdinov, R., & Caron, M. (2009). Akt/GSK3 signaling in the action of psychotropic drugs. *Annual Review of Pharmacology and Toxicology*, 49, 327-47.
- Beauregard, M. (2007). Mind does really matter: Evidence from neuroimaging studies of emotional self-regulation, psychotherapy, and placebo effect. *Progress in Neurobiology*, 81(4), 218-236.
- Beauregard, M. (2009). Effect of mind on brain activity: Evidence from neuroimaging studies of psychotherapy and placebo effect. *Nordic Journal of Ps-*

- ychiatry*, 63, 5-16.
- Beauregard, M. (2014). Functional neuroimaging studies of the effects of psychotherapy. *Dialogues in Clinical Neuroscience*, 16(1), 75-81.
- Beck, A. T., Steer, R. A., & Brown, G. K. (1996). Beck depression inventory-II. San Antonio, TX: *Psychological Corporation*.
- Beck, J. S. (2011). *Cognitive behavior therapy: Basics and beyond* (2nd ed.). Guilford Press.
- Beghi, M., Cornaggia, C., Frigeni, B., & Beghi, E. (2006). Learning Disorders in Epilepsy. *Epilepsia*, 47(Suppl 2).
- Bellezza, F. (1996). Mnemonic methods to enhance storage and retrieval. In *Memory* (pp. 345-380).
- Benedict, R. H. B., Shapiro, A., Priore, R., Miller, C., Munschauer, F., & Jacobs, L. (2000). Neuropsychological counseling improves social behavior in cognitively-impaired multiple sclerosis patients. *Multiple Sclerosis*, 6(6), 391-396.
- Benjamin, A., & Tullis, J. G. (2010). What makes distributed practice effective? *Cognitive Psychology*, 61, 228-247.
- Benton, A. L., Hamsher, K. de S., & Sivan, A. B. (1994). *Multilingual Aphasia Examination*. AJA Associates.
- Benton, A., & Sivan, A. B. (2007). *Clinical Neuropsychology: A Brief History*. *Disease-a-Month*, 53(3), 142-147.
- Bergman, T. (2021). Exploring the Impact of Art as Psychotherapy.
- Berlucchi, G. (2011). Brain plasticity and cognitive neurorehabilitation. *Neuropsychological Rehabilitation*, 21(5-6), 560-578.
- Bernat, J., & Beresford, H. (2013). Ethical and legal issues in neurology.
- Beutel, M. (2006). [Functional neuroimaging in psychotherapy research]. *Bundesgesundheitsblatt, Gesundheitsforschung, Gesundheitsschutz*, 49(8), 749-758.
- Bezdicak, O., Moták, L., Axelrod, B., Preiss, M., Nikolai, T., Vyhnálek, M., Poreh, A., & Růžička, E. (2012). Czech version of the Trail Making Test: normative data and clinical utility. *Archives of clinical neuropsychology: the official journal of the National Academy of Neuropsychologists*, 27(8), 906-914.
- Bigler, E. (2017). Structural Neuroimaging in Neuropsychology: History and Contemporary Applications. *Neuropsychology*, 31, 934-953
- Bigler, E. D. (2001). The Lesion(s) in Traumatic Brain Injury: Implications for Clinical Neuropsychology. *Archives of Clinical Neuropsychology*, 16(2), 95-131.
- Bilder, R. M., & Reise, S. P. (2018). Neuropsychological tests of the future: How do we get there from here? *The Clinical Neuropsychologist*, 33(2), 220-245.
- Birbaumer, N. (2006). Breaking the silence: brain-computer interfaces (BCI) for communication and motor control. *Psychophysiology*, 43(6), 517-532.
- Birch, R. (2013). *The Peripheral Nervous System: Anatomy and Function*.
- Birkenhäger-Gillesse, E. G., Kollen, B., Achterberg, W., Boersma, F., Jongman, L. R., & Zuidema, S. (2018). Effects of Psychosocial Interventions for Be-

- havioral and Psychological Symptoms in Dementia on the Prescription of Psychotropic Drugs: A Systematic Review and Meta-Analyses. *Journal of the American Medical Directors Association*, 19(3), 276.e1-276.e9.
- Bjekić, J., Živanović, M., & Filipović, S. (2021). Transcranial Direct Current Stimulation (tDCS) for Memory Enhancement. *Journal of visualized experiments: JoVE*, (175). doi:10.3791/62681.
- Blampied, N. M., Barabasz, A., & Barabasz, M. (1996). Single-Case Research Designs for the Science and Practice of Neurotherapy. *Journal of Neurotherapy*, 1(4), 15-26.
- Blanchard-Fields, F., Stein, R., & Watson, T. L. (2004). Age differences in emotion-regulation strategies in handling everyday problems. *The journals of gerontology. Series B, Psychological sciences and social sciences*, 59(6), P261-9.
- Blankertz, B., Tangermann, M., Vidaurre, C., Fazli, S., Sannelli, C., Haufe, S., Maeder, C., Ramsey, L., Sturm, I., Curio, G., & Müller, K. (2010). The Berlin Brain-Computer Interface: Non-Medical Uses of BCI Technology. *Frontiers in Neuroscience*, 4.
- Bowen, M. (1966). The use of family theory in clinical practice. *Comprehensive Psychiatry*, 7(5), 345-374.
- Bowen, M. (1978). Family therapy in clinical practice. New York: Jason Aronson.
- Bradley, M., Costa, V. D., Ferrari, V., Codispoti, M., Fitzsimmons, J., & Lang, P. (2014). Imaging distributed and massed repetitions of natural scenes: Spontaneous retrieval and maintenance. *Human Brain Mapping*, 36, 1381-1392.
- Brandt, J., & Batters, N. (1986). The neuropsychology of Huntington's disease. *Trends in Neurosciences*, 9(3), 118-120.
- Braun, M. M., Tupper, D. E., Kaufmann, P. M., McCrea, M., Postal, K., Westerveld, M., Wills, K. E., & Deer, T. E. (2011). Neuropsychological assessment: A valuable tool in the diagnosis and management of neurological, neurodevelopmental, medical, and psychiatric disorders. *Cognitive and Behavioral Neurology*, 24(3), 107-114.
- Braver, T. S., Barch, D. M., Keys, B. A., Carter, C. S., Cohen, J. D., Kaye, J. A., Janowsky, J. S., Taylor, S. F., Yesavage, J. A., Mumenthaler, M. S., Jagust, W. J., & Reed, B. R. (2001). Context processing in older adults: Evidence for a theory relating cognitive control to neurobiology in healthy aging. *Journal of Experimental Psychology: General*, 130(4), 746-763.
- Brickman, A., Buchsbaum, M., Bloom, R., Bokhoven, P., Paul-Oudouard, R., Haznedar, M., Dahlman, K., Hazlett, E., Aronowitz, J., Heath, D., & Shihabuddin, L. (2004). Neuropsychological functioning in first-break, never-medicated adolescents with psychosis. *Journal of Nervous and Mental Disease*, 192(8), 615-622.
- Broca, P. (1861). Remarques sur le siège de la faculté du langage articulé, suivies d'une observation d'aphémie (perte de la parole). *Bulletin de la Société*

- Anatomique, 6, 330-357.
- Brown, L. B., & Zakzanis, K. K. (2023). A review of the reliability of remote neuropsychological assessment. *Neuropsychology Review*.
- Burnett, S., Bird, G., Moll, J., Frith, C. D., & Blakemore, S.-J. (2009). Development during Adolescence of the Neural Processing of Social Emotion. *Journal of Cognitive Neuroscience*.
- Bush, S. S., Grote, C. L., Johnson-Greene, D., & Macartney-Filgate, M. (2008). A Panel Interview on the Ethical Practice of Neuropsychology. *The Clinical Neuropsychologist*, 22(3), 321-344.
- Butler, R., Howieson, D., & Lezak, M. (1999). Neuropsychology at the Turn of the Century. *Journal of the International Neuropsychological Society*, 5, 572-577.
- Cabeza, R., & Nyberg, L. (2000). Imaging Cognition II: An Empirical Review of 275 PET and fMRI Studies. *Journal of Cognitive Neuroscience*, 12(1), 1-47.
- Çaçola, P. (2016). Physical and Mental Health of Children with Developmental Coordination Disorder. *Frontiers in Public Health*, 4.
- Caine, E. D., & Shoulson, I. (1983). Psychiatric syndromes in Huntington's disease. *The American Journal of Psychiatry*, 140(6), 728-733
- Caramazza, A. (1992). Is Cognitive Neuropsychology Possible? *Journal of Cognitive Neuroscience*, 4(1), 80-95.
- Caramazza, A., & Coltheart, M. (2006). Cognitive Neuropsychology twenty years on. *Cognitive Neuropsychology*, 23, 12-3.
- Carr, A. (2009). The effectiveness of family therapy and systemic interventions for child-focused problems. *Journal of Family Therapy*, 31, 3-45.
- Carsky, M. (2013). Supportive psychoanalytic therapy for personality disorders. *Psychotherapy*, 50(3), 443-8.
- Carson, A., & McWhirter, L. (2022). Cognitive Behavioral Therapy: Principles, Science, and Patient Selection in Neurology. *Seminars in neurology*, 42(2), 114-122.
- Casaletto, K. B., & Heaton, R. K. (2017). Neuropsychological Assessment: Past and Future. *Journal of the International Neuropsychological Society*, 23(9-10), 778-790.
- Casey, B., Tottenham, N., Liston, C., & Durston, S. (2005). Imaging the developing brain: What have we learned about cognitive development? *Trends in Cognitive Sciences*, 9(3), 104-110.
- Castelnuovo, G., Gaggioli, A., Mantovani, F., & Riva, G. (2003). New and old tools in psychotherapy: The use of technology for the integration of the traditional clinical treatments. *Psychotherapy*, 40(1-2), 33-44.
- Castelnuovo, G., Gaggioli, A., Mantovani, F., & Riva, G. (2003). From Psychotherapy to e-Therapy: The Integration of Traditional Techniques and New Communication Tools in Clinical Settings. *Cyberpsychology & Behavior : The Impact of the Internet, Multimedia and Virtual Reality on Behavior and Society*, 6(4), 375-382.

- Cepeda, N. J., Pashler, H., Vul, E., Wixted, J. T., & Rohrer, D. (2006). Distributed practice in verbal recall tasks: A review and quantitative synthesis. *Psychological Bulletin*, 132(3), 354-380.
- Chakravarthy, V. (2018). Brain Ideas Through the Centuries. *Demystifying the Brain*.
- Chantsoulis, M., Mirski, A., Rasmus, A., Kropotov, J., & Paçhalska, M. (2015). Neuropsychological rehabilitation for traumatic brain injury patients. *Annals of Agricultural and Environmental Medicine*, 22(2), 368-379.
- Chaudhary, U., Birbaumer, N., & Ramos-Murguialday, A. (2016). Brain-computer interfaces for communication and rehabilitation. *Nature Reviews Neurology*, 12(9), 513-525.
- Chelune, G., Bornstein, R., & Prifitera, A. (1990). The Wechsler Memory Scale—Revised.
- Chinnery, H., & Thompson, S. (2011). Normative Values for 18-30 Age Group of Benton Visual Retention Test Scores and Pre-morbid Intelligence Quotients: New Data Comparisons for Diagnosing Memory and Visual Spatial Deficits in Alzheimer's Disease and Stroke.
- Choo, Y. J., Boudier-Revéret, M., & Chang, M. (2020). The Essentials of Brain Anatomy for Physiatrists. *American Journal of Physical Medicine & Rehabilitation*, 100(2), 181-188.
- Chukwuorji, J. C., Uzuegbu, C. N., Chukwu, C. V., Ifeagwazi, C. M., & Ugwu, C. A. (2020). Social support serves emotion regulation function in death anxiety among people living with HIV/AIDS. *South African Journal of Psychology*, 50, 395 - 410.
- Chun, M. M., & Jiang, Y. V. (1998). Contextual cueing: Implicit learning and memory of visual context guides spatial attention. *Cognitive Psychology*, 36(1), 28-71.
- Chute, D. (2002). Neuropsychological technologies in rehabilitation. *Journal of Head Trauma Rehabilitation*, 17(5)\*, 369-377.
- Cicerone, K. D., Langenbahn, D. M., Braden, C. A., Malec, J. F., Kalmar, K., Frasca, M., Felicetti, T., Laatsch, L., Harley, J. P., Bergquist, T., Azulay, J., Cantor, J., & Ashman, T. (2011). Evidence-based cognitive rehabilitation: Updated review of the literature from 2003 through 2008. *Archives of Physical Medicine and Rehabilitation*, 92 4, 519-530.
- Cicerone, K., Dahlberg, C., Kalmar, K., Langenbahn, D. M., Malec, J., Bergquist, T., Felicetti, T., Giacino, J., Harley, J. P., Harrington, D., Herzog, J., Kneipp, S., Laatsch, L., & Morse, P. (2000). Evidence-based cognitive rehabilitation: recommendations for clinical practice. *Archives of Physical Medicine and Rehabilitation*, 81(12), 1596-1615.
- Clarkin, J., & Levy, K. N. (2006). Psychotherapy for patients with borderline personality disorder: focusing on the mechanisms of change. *Journal of clinical psychology*, 62(4), 405-410.
- Coccaro, E., & Kavoussi, R. (1994). Neuropsychopharmacologic challenge in

- biological psychiatry. *Clinical chemistry*, 40(2), 319-27.
- Cohen, S., & Wills, T. A. (1985). Stress, social support, and the buffering hypothesis. *Psychological Bulletin*, 98(2), 310-357.
- Colagiuri, B., Schenk, L. A., Kessler, M. D., Dorsey, S. G., & Colloca, L. (2015). The placebo effect: From concepts to genes. *Neuroscience*, 307, 171-190.
- Colvin, M., Forchelli, G., Reese, K., Capawana, M., Beery, C., Murphy, J., Doyle, A., O'Keefe, S., & Braaten, E. (2022). Neuropsychology consultation to identify learning disorders in children and adolescents: a proposal based on lessons learned during the COVID-19 pandemic. *Child Neuropsychology*, 28(5), 671-688.
- Cook, N. E., & Gorraiz, M. (2016). Dialectical behavior therapy for nonsuicidal self-injury and depression among adolescents: preliminary meta-analytic evidence. *Child and adolescent mental health*, 21(2), 81-89.
- Coslett, H., & Schwartz, M. (2018). The parietal lobe and language. *Handbook of Clinical Neurology*, 151, 365-375.
- Cottrell, D., & Boston, P. (2002). Practitioner review: The effectiveness of systemic family therapy for children and adolescents. *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, 43(5), 573-586.
- Courchesne, E., Campbell, K., & Solso, S. (2011). Brain growth across the life span in autism: Age-specific changes in anatomical pathology. *Brain Research*, 1380, 138-145.
- Crowell, T. (2012). Case closed: A definitive casebook of clinical neuropsychology. *Journal of Clinical and Experimental Neuropsychology*, 34, 443-444.
- Cuijpers, P., van Straten, A., Andersson, G., & van Oppen, P. (2008). Psychotherapy for depression in adults: A meta-analysis of comparative outcome studies. *Journal of Consulting and Clinical Psychology*, 76(6), 909-922.
- Culham, J. C., & Kanwisher, N. G. (2001). Neuroimaging of cognitive functions in human parietal cortex. *Current Opinion in Neurobiology*, 11(2), 157-163.
- Cummings, J. (2003). Toward a molecular neuropsychiatry of neurodegenerative diseases. *Annals of Neurology*, 54, S3-S11.
- Cummings, J. L., Diaz, C., Levy, M., Binetti, G., & Litvan, I. (1996). Neuropsychiatric Syndromes in Neurodegenerative Disease: Frequency and Significance. *Seminars in Clinical Neuropsychiatry*, 1(4), 241-247.
- Dahlgren, C. L., Lask, B., Landrø, N., & Rø, Ø. (2013). Neuropsychological functioning in adolescents with anorexia nervosa before and after cognitive remediation therapy: a feasibility trial. *The International Journal of Eating Disorders*, 46(6), 576-581.
- Dalkılıç, E. B. (2017). Neurostimulation Devices Used in Treatment of Epilepsy. *Current Treatment Options in Neurology*, 19(1), 1-7.
- Damasio, A. R. (1992). Aphasia. *New England Journal of Medicine*, 326(8), 531-539.
- Dash, H., & Chavali, S. (2018). Management of traumatic brain injury patients. *Korean Journal of Anesthesiology*, 71(1), 12-21.

- Deb, S., Unwin, G., & Deb, T. (2015). Characteristics and the trajectory of psychotropic medication use in general and antipsychotics in particular among adults with an intellectual disability who exhibit aggressive behaviour. *Journal of Intellectual Disability Research, 59*(1), 11-25.
- Deisseroth, K., & Schnitzer, M. (2013). Engineering Approaches to Illuminating Brain Structure and Dynamics. *Neuron*.
- DeLong, M., & Wichmann, T. (2015). Basal Ganglia Circuits as Targets for Neuromodulation in Parkinson Disease. *JAMA neurology, 72*(11), 1354-60.
- Demetriou, C., Uzun Ozer, B., & Essau, C. (2015). Self-Report Questionnaires.
- Dennison, L., & Moss-Morris, R. (2010). Cognitive-behavioral therapy: What benefits can it offer people with multiple sclerosis? *Expert Review of Neurotherapeutics, 10*(9), 1383-1390.
- Deprez, S., Kesler, S., Saykin, A., Silverman, D., De Ruiter, M. D., & McDonald, B. (2018). International Cognition and Cancer Task Force Recommendations for Neuroimaging Methods in the Study of Cognitive Impairment in Non-CNS Cancer Patients. *Journal of the National Cancer Institute, 110*(3), 223-231.
- Deransart, C., & Depaulis, A. (2002). The control of seizures by the basal ganglia? A review of experimental data. *Epileptic disorders: international epilepsy journal with videotape, 4 Suppl 3*, S61-72.
- Dewey, D., & Wilson, B. (2001). Developmental Coordination Disorder. *Physical & Occupational Therapy In Pediatrics, 20*(2-3), 27-50.
- Dialogues in Clinical Neuroscience. (2012). Clinical applications of neuropsychological assessment. *Dialogues in Clinical Neuroscience, 14*(1), 91-99.
- Dietrich, A. (2004). The cognitive neuroscience of creativity. *Psychonomic Bulletin & Review, 11*, 1011-1026.
- Doidge, N. (2007). *The Brain That Changes Itself: Stories of Personal Triumph from the Frontiers of Brain Science*. Viking.
- Donkervoort, M., Dekker, J., Stehmann-Saris, J. C., & Deelman, B. G. (2001). Efficacy of strategy training in left hemisphere stroke patients with apraxia: A randomised clinical trial. *Neuropsychological Rehabilitation, 11*(5), 549-566.
- Donovan, N. J., Amariglio, R., Zoller, A. S., Rudel, R. K., Gomez-Isla, T., Blacker, D., Hyman, B. T., Locascio, J. J., Johnson, K. A., Sperling, R. A., Marshall, G. A., & Rentz, D. M. (2014). Subjective cognitive concerns and neuropsychiatric predictors of progression to the early clinical stages of Alzheimer disease. *The American Journal of Geriatric Psychiatry, 22*(12), 1642-1651.
- Douglas, K. M., & Porter, R. (2009). Longitudinal assessment of neuropsychological function in major depression. *Australian and New Zealand Journal of Psychiatry, 43*, 1105-1117.
- Duboc, V., Dufourcq, P., Blader, P., & Roussigné, M. (2015). Asymmetry of the Brain: Development and Implications. *Annual Review of Genetics, 49*, 647-672.

- Duff, F. (2016). Learning Disorders and Dyslexia. *Learning and memory: A comprehensive reference*, 5-11.
- Durães, F., Pinto, M., & Sousa, E. (2018). Old Drugs as New Treatments for Neurodegenerative Diseases. *Pharmaceuticals*, 11(2).
- Durisko, C., McCue, M., Doyle, P., Dickey, M., & Fiez, J. (2016). A flexible and integrated system for the remote acquisition of neuropsychological data in stroke research. *Telemedicine journal and e-health : the official journal of the American Telemedicine Association*, 22(12), 1032-1040.
- Dyer, A., & Bloch, S. (1987). Informed consent and the psychiatric patient. *Journal of Medical Ethics*, 13(1), 12-16.
- Eidemiller, E. G., & Tarabanov, A. (2019). Modern Neuropsychanalysis as an Integrative Scientific and Therapeutic Practice. *Консультативная психология и психотерапия*.
- Eisler, I., Dare, C., Hodes, M., Russell, G., Dodge, E., & Le Grange, D. (2000). Family therapy for adolescent anorexia nervosa: the results of a controlled comparison of two family interventions. *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, 41(6), 727-736.
- Elwood, R. (1993). Clinical discriminations and neuropsychological tests: An appeal to bayes' theorem. *The Clinical neuropsychologist*, 7(2), 224-233.
- Emmett, M., Kroes, R., Moskal, J., Conrad, C., Priebe, W., Laezza, F., Meyer-Baese, A., & Nilsson, C. (2014). Integrative Biological Analysis For Neuropsychopharmacology. *Neuropsychopharmacology*, 39, 5-23.
- Erkkinen, M. G., Kim, M.-O., & Geschwind, M. D. (2018). Clinical Neurology and Epidemiology of the Major Neurodegenerative Diseases. *Cold Spring Harbor perspectives in biology*, 10(4), a033118.
- Eslinger, P. J., Damasio, A. R., Benton, A. L., & Van Allen, M. W. (1985). Neuropsychologic detection of abnormal mental decline in older persons. *JAMA*, 253(5), 670-674.
- Etkin, A., Phil, M., Ph., D., Pittenger, C., Polan, H. J., & Kandel, E. R. (2005). Toward a neurobiology of psychotherapy: Basic science and clinical applications. *The Journal of Neuropsychiatry and Clinical Neurosciences*, 17(2), 145-158.
- Everett, J., Lavoie, K., Gagnon, J., & Gosselin, N. (2001). Performance of patients with schizophrenia on the Wisconsin Card Sorting Test (WCST). *Journal of Psychiatry & Neuroscience*, 26(2), 123-130.
- Faraone, S. V., & Biederman, J. (2005). Attention-deficit/hyperactivity disorder: A selective overview. *Biological Psychiatry*, 57(11), 1215-1220.
- Faria, V., Fredrikson, M., & Furmark, T. (2008). Imaging the placebo response: A neurofunctional review. *European Neuropsychopharmacology*, 18(7), 473-485.
- Ferrari, V., Bradley, M., Codispoti, M., & Lang, P. (2015). Massed and distributed repetition of natural scenes: Brain potentials and oscillatory activity. *Psychophysiology*, 52 7, 865-872



- Fields, J., Ferman, T., Boeve, B., & Smith, G. E. (2011). Neuropsychological assessment of patients with dementing illness. *Nature Reviews Neurology*, 7, 677-687.
- Filatova, S., Koivumaa-Honkanen, H., Hirvonen, N., Freeman, A., Ivandić, I., Hurtig, T., ... Miettunen, J. (2017). Early motor developmental milestones and schizophrenia: A systematic review and meta-analysis. *Schizophrenia Research*, 188, 13-20.
- Finger, S. (1994). *Origins of Neuroscience: A History of Explorations into Brain Function*. Oxford University Press.
- Finger, S. (2000). *Minds Behind the Brain: A History of the Pioneers and Their Discoveries*. Oxford University Press.
- Finger, S. (2019). A history of neuropsychology. *Journal of the History of the Neurosciences*, 29(3), 445-446.
- Finlay, W., & Lyons, E. (2001). Methodological issues in interviewing and using self-report questionnaires with people with mental retardation. *Psychological assessment*, 13(3), 319-335.
- Fischer-Baum, S., & Campana, G. (2017). Neuroplasticity and the logic of cognitive neuropsychology. *Cognitive Neuropsychology*, 34(7-8), 403-411.
- Fisher, C. (1989). Neurologic fragments. II. Remarks on anosognosia, confabulation, memory, and other topics; and an appendix on self-observation. *Neurology*, 39(1), 127-127.
- Fitzgerald, W. (1999). Legal and ethical considerations in the treatment of psychosis. *The Journal of Clinical Psychiatry*, 60 Suppl 19, 59-65.
- Fleming, S. K., Blasey, C., & Schatzberg, A. F. (2004). Neuropsychological correlates of psychotic features in major depressive disorders: a review and meta-analysis. *Journal of Psychiatric Research*, 38(1), 27-35.
- Flores Mosri, D. (2021). Clinical Applications of Neuropsychoanalysis: Hypotheses Toward an Integrative Model. *Frontiers in Psychology*, 12.
- Fossati, P. (2012). Neural correlates of emotion processing: From emotional to social brain. *European Neuropsychopharmacology*, 22, S487-S491.
- Franzen, M., & Getz, G. (2006). Behavioral Neuropsychology. *Neuropsychology Review*, 16(4), 529-546.
- Friedman, N., & Miyake, A. (2017). Unity and diversity of executive functions: Individual differences as a window on cognitive structure. *Cortex*, 86, 186-204.
- Frith, C. D., & Frith, U. (2003). Development and neurophysiology of mentalizing. *Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences*, 358(1431), 459-473.
- Frith, C., & Done, D. J. (1988). Towards a neuropsychology of schizophrenia. *British Journal of Psychiatry*, 153, 437-443.
- Frühauf, K. (1986). [Important points of neuropsychology with reference to Luria's study procedures]. *Psychiatrie, Neurologie, und medizinische Psychologie*, 38 11, 641-6.

- Fuchs, T. (2004). Neurobiology and psychotherapy: An emerging dialogue. *Current Opinion in Psychiatry*, 17(4), 479-485.
- Fuchs, T. (2004). Neurobiology and psychotherapy: An emerging dialogue. *Current Opinion in Psychiatry*, 17(4), 479-485.
- Fuchs, T. (2004). Neurobiology and psychotherapy: an emerging dialogue. *Current Opinion in Psychiatry*, 17(5), 479-485.
- Gaag, M. (2006). A neuropsychiatric model of biological and psychological processes in the remission of delusions and auditory hallucinations. *Schizophrenia Bulletin*, 32 Suppl 1, S113-22
- Gabbard, G. (2000). A neurobiologically informed perspective on psychotherapy. *British Journal of Psychiatry*, 177, 117-122.
- Gage, F. (2002). Neurogenesis in the Adult Brain. *The Journal of Neuroscience*, 22(3), 612-613.
- Gandy, M., Heriseanu, A. I., Balakumar, T., Karin, E., Walker, J., Hathway, T., Bisby, M. A., Scott, A. J., Dudeney, J., Fisher, A., Titov, N., & Dear, B. (2023). The wellbeing neuro course: A randomised controlled trial of an internet-delivered transdiagnostic psychological intervention for adults with neurological disorders. *Psychological Medicine*, 53, 6817-6827.
- García-Molina, A., Enseñat-Cantalops, A., Tirapu-Ustárroz, J., & Roig-Rovira, T. (2017). Neuropsychological rehabilitation in adult patients with traumatic brain injury: A neuroconstructivist approach. *Neuropsychology Review*, 27(3), 280-296.
- Gazzaniga, M. S., Ivry, R. B., & Mangun, G. R. (2018). *Cognitive Neuroscience: The Biology of the Mind* (5th ed.). W.W. Norton & Company.
- Ghaffarpassand, F., & Dehghankhalili, M. (2017). Current Concepts and Advancements in Management of Traumatic Brain Injury; A Glimpse at the Recently Published Evidence. *Bulletin of emergency and trauma*, 5(2), 67-69.
- Gianutsos, R. (1991). Cognitive rehabilitation: a neuropsychological specialty comes of age. *Brain Injury*, 5(4), 353-368.
- Giorgia Quadrato, Juliana R. Brown, & Paola Arlotta. (2016). The promises and challenges of human brain organoids as models of neuropsychiatric disease. *Nature Medicine*, 22(12), 1220-1228.
- Giza, C. C., & Hovda, D. A. (2001). The Neurometabolic Cascade of Concussion. *Journal of Athletic Training*, 36(3), 228-235.
- Gkintoni, E., & Suárez Ortiz, P. (2023). Neuropsychology of Generalized Anxiety Disorder in Clinical Setting: A Systematic Evaluation. *Healthcare*.
- Glickstein, M. (2007). What does the cerebellum really do? *Current Biology*, 17(19), R824-R827.
- Godemann, J. (2008). Knowledge integration: a key challenge for transdisciplinary cooperation. *Environmental Education Research*, 14(6), 625-641.
- Goetz, C. G. (2009). Jean-Martin Charcot and the anatomo-clinical method of neurology. *Neurology*, 73(6), 475-478
- Golden, C. J., & Freshwater, S. M. (2015). *The Neuropsychology of Memory*. Gu-

ilford Press.

- Goldenberg, G. (2009). Apraxia and the parietal lobes. *Neuropsychologia*, 47, 1449-1459.
- Goldstein, T. R., Axelson, D. A., Birmaher, B., & Brent, D. A. (2007). Dialectical behavior therapy for adolescents with bipolar disorder: a 1-year open trial. *Journal of the American Academy of Child and Adolescent Psychiatry*, 46(7), 820-30.
- Goll, P. S. (2004). Mnemonic Strategies: Creating Schemata for Learning Enhancement. *Education 3-13*, 125(306).
- Govender, P., & Kalra, L. (2007). Benefits of occupational therapy in stroke rehabilitation. *Expert Review of Neurotherapeutics*, 7(8), 1013-1019.
- Gowers, W. R. (1907). *The Border-Land of Epilepsy: Faints, Vagal Attacks, Vertigo, Migraine, Sleep Symptoms, and Their Treatment*. P. Blakiston's Son & Co.
- Grahn, J. A., Parkinson, J., & Owen, A. (2009). The role of the basal ganglia in learning and memory: Neuropsychological studies. *Behavioural Brain Research*, 199, 53-60.
- Green, J. (2000). The clinical interview. In *Neuropsychological evaluation* (pp. 5-21).
- Greve, K. (2001). The WCST-64: A Standardized Short-Form of the Wisconsin Card Sorting Test. *The Clinical Neuropsychologist*, 15(2), 228-234.
- Grove, J., et al. (2019). Identification of common genetic risk variants for autism spectrum disorder. *Nature Genetics*, 51, 431-444.
- Guseva, E. (2019). Art Therapy in Dementia Care: Toward Neurologically Informed, Evidence-Based Practice. *Art Therapy*, 36(1), 46-49.
- Haeyen, S., Van Hooren, S., & Hutschemaekers, G. (2015). Perceived effects of art therapy in the treatment of personality disorders, cluster B/C: A qualitative study. *Arts in Psychotherapy*, 45, 1-10.
- Hamann, S., & Canli, T. (2004). Individual differences in emotion processing. *Current Opinion in Neurobiology*, 14, 233-238.
- Hamburg, P. (2004). Confidentiality: Ethical Perspectives and Clinical Dilemmas. *American Journal of Psychotherapy*.
- Hamill, T. S., Pickett, S. M., Amsbaugh, H. M., & Aho, K. M. (2015). Mindfulness and acceptance in relation to behavioral inhibition system sensitivity and psychological distress. *Personality and Individual Differences*, 72, 24-29.
- Hamilton, J. P., Etkin, A., Furman, D. J., Lemus, M. G., Johnson, R. F., & Gotlib, I. H. (2012). Functional neuroimaging of major depressive disorder: a meta-analysis and new integration of baseline activation and neural response data. *The American Journal of Psychiatry*, 169(7), 693-703.
- Hamilton, M. (1959). The assessment of anxiety states by rating. *British Journal of Medical Psychology*, 32(1), 50-55.
- Hammond, D. C. (2005). Neurofeedback with anxiety and affective disorders. *Child and adolescent psychiatric clinics of North America*, 14(1), 105-123.

- Harris, L., Zalucki, O., Piper, M., & Heng, J. (2016). Insights into the biology and therapeutic applications of neural stem cells. *Stem Cells International*, 2016.
- Hartwich, P. (2018). Creative Therapies and Neuropsychodynamics.
- Hartwich, P. (2018). Creative Therapies and Neuropsychodynamics. In *Creative Therapy Methods in Psychiatry*.
- Harvey, P. D. (2012). Clinical applications of neuropsychological assessment. *Dialogues in Clinical Neuroscience*, 14, 91-99.
- Hasselkus, B. R. (1989). Occupational and physical therapy in geriatric rehabilitation. *Physical & Occupational Therapy in Geriatrics*, 7(3), 3-20.
- Haut, S., Gursky, J., & Privitera, M. (2019). Behavioral interventions in epilepsy. *Current Opinion in Neurology*, 32(2), 227-236.
- Hayes, S. C., Strosahl, K. D., & Wilson, K. G. (1999). Acceptance and commitment therapy: An experiential approach to behavior change. New York, NY: The Guilford Press.
- Heaton, R. K. (1981). A Manual for the Wisconsin Card Sorting Test. Western Psychological Services.
- Heaton, R. K., Miller, S. W., Taylor, M. J., & Grant, I. (2004). Revised comprehensive norms for an expanded Halstead-Reitan Battery: Demographically adjusted neuropsychological norms for African American and Caucasian adults. Psychological Assessment Resources.
- Hebben, N., & Milberg, W. (2009). Essentials of neuropsychological assessment (2nd ed.). New York, NY: Wiley.
- Heechul Jun, Syed Mohammed Qasim Hussaini, Michael J. Rigby, & Min Jang. (2012). Functional Role of Adult Hippocampal Neurogenesis as a Therapeutic Strategy for Mental Disorders. *Neural Plasticity*, 2012.
- Henry, J. D., von Hippel, W., Molenberghs, P., Lee, T., & Sachdev, P. S. (2016). Clinical assessment of social cognitive function in neurological disorders. *Nature Reviews Neurology*, 12, 28-39.
- Hermann, B., & Seidenberg, M. (2002). Neuropsychology and Temporal Lobe Epilepsy. *CNS Spectrums*, 7(4), 343-348.
- Hessler-Kaufmann, J. B., Heese, J., Berking, M., Voderholzer, U., & Diedrich, A. (2020). Emotion regulation strategies in bulimia nervosa: an experimental investigation of mindfulness, self-compassion, and cognitive restructuring. *Borderline Personality Disorder and Emotion Dysregulation*, 7.
- Hibbard, M. R., Uysal, S., Kepler, K., Bogdany, J., & Silver, J. (2012). Axis I psychopathology in individuals with traumatic brain injury. *Journal of Head Trauma Rehabilitation*, 27(3), E1-E12.
- Hill, C., & Knox, S. (2009). Processing the therapeutic relationship. *Psychotherapy Research*, 19(1), 13-29.
- Hobart, M., Goldberg, R., Bartko, J., & Gold, J. (1999). Repeatable battery for the assessment of neuropsychological status as a screening test in schizophrenia, II: convergent/discriminant validity and diagnostic group comparisons. *The American Journal of Psychiatry*, 156 12,

- Hodges, H., Fealko, C., & Soares, N. (2020). Autism spectrum disorder: definition, epidemiology, causes, and clinical evaluation. *Translational Pediatrics*, 9, S55-S65.
- Hoffmann, S., Pohl, C., & Hering, J. G. (2017). Exploring transdisciplinary integration within a large research program: Empirical lessons from four thematic synthesis processes. *Research Policy*, 46(3), 678-692.
- Hofmann, S. G., Asmundson, G. J., & Beck, A. T. (2013). The science of cognitive therapy. *Behavior Therapy*, 44(2), 199-212.
- Hofmann, S., Asnaani, A., Vonk, I. J. J., Sawyer, A. T., & Fang, A. (2012). The efficacy of cognitive behavioral therapy: A review of meta-analyses. *Cognitive Therapy and Research*, 36(5), 427-440.
- Holmes, J. (1995). Supportive Psychotherapy the Search for Positive Meanings. *British Journal of Psychiatry*, 167(4), 439 - 445.
- Horton, A. M., Jr., Hartlage, L. C., & Webber, T. A. (2016). Handbook of neuropsychological assessment: A biopsychosocial perspective. Springer.
- Howieson, D. (2019). Current limitations of neuropsychological tests and assessment procedures. *The Clinical Neuropsychologist*, 33(2), 200-208.
- Howieson, D. (2019). Current limitations of neuropsychological tests and assessment procedures. *The Clinical Neuropsychologist*, 33, 200-208.
- Hu, J., Zhang, J., Hu, L., Yu, H., & Xu, J. (2021). Art Therapy: A Complementary Treatment for Mental Disorders. *Frontiers in Psychology*, 12.
- Hubel, D. H., & Wiesel, T. N. (1977). Functional architecture of macaque monkey visual cortex. *Proceedings of the Royal Society of London. Series B. Biological Sciences*, 198(1130), 1-59.
- Ionescu, D., Niciu, M., Mathews, D. C., Richards, E., & Zarate, C. (2013). Neurobiology of Anxious Depression: A Review. *Depression and Anxiety*
- Isernhagen, S. (1991). Physical therapy and occupational rehabilitation. *Journal of Occupational Rehabilitation*, 1, 71-82.
- Iverson, G. L. (2001). Interpreting change on the WAIS-III/WMS-III in clinical samples. *Archives of Clinical Neuropsychology*, 16(2), 183-191.
- Ivnik, R. J., Smith, G. E., Petersen, R. C., Boeve, B. F., Kokmen, E., & Tangalos, E. G. (2000). Diagnostic accuracy of four approaches to interpreting neuropsychological test data. *Neuropsychology*, 14(2), 163-177.
- Johnson, D. (1998). On the Therapeutic Action of the Creative Arts Therapies: The Psychodynamic Model. *Arts in Psychotherapy*, 25, 85-99.
- Johnson-Greene, D. (2005). Informed consent in clinical neuropsychology practice. Official statement of the National Academy of Neuropsychology. *Archives of Clinical Neuropsychology*, 20(3), 335-340.
- Jones-Gotman, M., Smith, M., Risse, G., Westerveld, M., Swanson, S., Giovagnoli, A. R., Lee, T. M. C., Joaquim, M. J. M., & Piazzini, A. (2010). The contribution of neuropsychology to diagnostic assessment in epilepsy. *Epilepsy & Behavior*, 18(1-2), 3-12.
- Jönsson, A., Korfitzen, E. M., Heltberg, A., Ravnborg, M., & Byskov-Ottosen, E.

- (1993). Effects of neuropsychological treatment in patients with multiple sclerosis. *Acta Neurologica Scandinavica*, 88, 1-11.
- Joo, B., Lee, Y.-M., Kim, H., & Eom, S. (2017). An Analysis of a Novel, Short-Term Therapeutic Psychoeducational Program for Children and Adolescents with Chronic Neurological Illness and Their Parents; Feasibility and Efficacy. *Frontiers in Neuroscience*, 11.
- Junaković, A., & Telarović, S. (2021). The effects of art therapy on Parkinson's and Alzheimer's disease. *Medicina Fluminensis*.
- Kandel, E., & Freed, D. (1989). Frontal-lobe dysfunction and antisocial behavior: A review. *Journal of Clinical Psychology*, 45(3), 404-413.
- KandrataVICIUS, L., Lopes-Aguiar, C., Bueno-Junior, L. S., Romcy-Pereira, R. N., Hallak, J. E., & Leite, J. P. (2012). Psychiatric comorbidities in temporal lobe epilepsy: possible relationships between psychotic disorders and involvement of limbic circuits. *Revista Brasileira de Psiquiatria*, 34(4), 454-466.
- Kane, R. (1991). Standardized and flexible batteries in neuropsychology: An assessment update. *Neuropsychology Review*, 2, 281-339
- Kapitan, L. (2010). The empathic imagination of art therapy: Good for the brain?. *Art Therapy*, 27, 158-159.
- Kapur, S. (2003). Psychosis as a state of aberrant salience: A framework linking biology, phenomenology, and pharmacology in schizophrenia. *The American Journal of Psychiatry*, 160(1), 13-23.
- Karasu, T. (1980). The ethics of psychotherapy. *The American Journal of Psychiatry*, 137(12), 1502-1512.
- Kaur, P., & Sharma, S. (2017). Recent Advances in Pathophysiology of Traumatic Brain Injury. *Current Neuropharmacology*, 16, 1224-1238.
- Kay, T. (1993). Neuropsychological treatment of mild traumatic brain injury. *Journal of Head Trauma Rehabilitation*, 8, 74-85.
- Kaye, W., Wierenga, C., Knatz, S., Liang, J., Boutelle, K., Hill, L., & Eisler, I. (2015). Temperament-based treatment for anorexia nervosa. *European Eating Disorders Review: The Journal of the Eating Disorders Association*, 23(1), 12-18.
- Kazantzis, N., Luong, H. K., Usatoff, A. S., Impala, T., Yew, R. Y., & Hofmann, S. G. (2018). The processes of cognitive behavioral therapy: A review of meta-analyses. *Cognitive Therapy and Research*, 42(4), 349-357.
- Keltner, D., & Kring, A. M. (1998). Emotion, Social Function, and Psychopathology. *Review of General Psychology*, 2(3), 320-342.
- Khoury, B., Lecomte, T., Gaudiano, B. A., & Paquin, K. (2013). Mindfulness interventions for psychosis: A meta-analysis. *Schizophrenia Research*, 150(1), 176-184.
- Kiernan, M. C., Vucic, S., Cheah, B. C., Turner, M. R., Eisen, A., Hardiman, O., Burrell, J. R., & Zoing, M. C. (2011). Amyotrophic lateral sclerosis. *The Lancet*, 377(9769), 942-955.
- Kim, S. U., Lee, H. J., & Kim, Y. (2013). Neural stem cell-based treatment for

- neurodegenerative diseases. *Neuropathology*, 33.
- Klasen, M., Kreifelts, B., Chen, Y.-H., Seubert, J., & Mathiak, K. (2014). Neural processing of emotion in multimodal settings. *Frontiers in Human Neuroscience*, 8.
- Klein, J. T. (2004). Prospects for transdisciplinarity. *Futures*, 36(4), 515-526.
- Knapp, B., Bardenet, R., Bernabeu, M. O., Bordas, R., Bruna, M., Calderhead, B., Cooper, J., Fletcher, A., De Groen, P., Kuijper, B., Lewis, J., McInerny, G., Minssen, T., Osborne, J., Paulitschke, V., Pitt-Francis, J., Todoric, J., Yates, C., Gavaghan, D., & Deane, C. (2015). Ten Simple Rules for a Successful Cross-Disciplinary Collaboration. *PLoS Computational Biology*, 11(4).
- Kober, H., Buhle, J., Weber, J., Ochsner, K. N., & Wager, T. D. (2019). Let it be: Mindful acceptance down-regulates pain and negative emotion. *Social Cognitive and Affective Neuroscience*, 14(11), 1147-1158.
- Kochan, N. A., Valenzuela, M. J., Slavin, M. J., McCraw, S., Sachdev, P. S., & Brodaty, H. (2022). Reliability, validity, and user experience of a computerized neuropsychological test battery administered by remote assessment in community-dwelling older adults. *Journal of the International Neuropsychological Society*, 28(1), 88-99.
- Kolb, B., & Whishaw, I. Q. (2015). *Fundamentals of Human Neuropsychology* (7th ed.). Worth Publishers.
- Kolomytsev, O., Goryunova, A., & Skvortsov, I. (2023). The Neuropsychology of Anxiety Disorders in Neurology Practice. *Journal of Neurology & Neuro-medicine*.
- Konarski, J. Z., McIntyre, R. S., Grupp, L. A., & Kennedy, S. H. (2005). Is the cerebellum relevant in the circuitry of neuropsychiatric disorders? *Journal of Psychiatry & Neuroscience: JPN*, 30(3), 178-186.
- Kondziella, D., Alvestad, S., Vaaler, A., & Sonnewald, U. (2007). Which clinical and experimental data link temporal lobe epilepsy with depression? *Journal of Neurochemistry*, 103.
- Koutsarnakis, C., Komaitis, S., Drosos, E., Kalyvas, A., Skandalakis, G., Liakos, F., Neromyliotis, E., Lani, E., Kalamatianos, T., & Stranjalis, G. (2019). Mapping the superficial morphology of the occipital lobe: proposal of a universal nomenclature for clinical and anatomical use. *Neurosurgical Review*, 44, 335-350.
- Kozioł, L., Beljan, P., Bree, K., Mather, J., & Barker, L. (2016). *Methods of Neuropsychological Test Interpretation*.
- Krupnick, J. (2012). Dialectical Behavior Therapy for Borderline Personality Disorder: A Meta-Analysis Using Mixed-Effects Modeling. *Yearbook of Psychiatry and Applied Mental Health*, 2012, 77-81.
- La Rue, A., & La Rue, A. (1992). Neuropsychological Assessment Procedures. *Aging and Neuropsychological Assessment*, 79-119.
- Lahiri, D., Maloney, B., & Zawia, N. (2009). The LEARN model: an epigenetic explanation for idiopathic neurobiological diseases. *Molecular Psychiatry*,

- 14, 992-1003.
- Lally, J., & MacCabe, J. H. (2016). Personalised approaches to pharmacotherapy for schizophrenia. *Schizophrenia Research*, 176(2-3), 18-21.
- Lamm, C., & Singer, T. (2010). The role of anterior insular cortex in social emotions. *Brain Structure and Function*, 214, 579-591.
- Larsen, S., & Sherlin, L. (2013). Neurofeedback: an emerging technology for treating central nervous system dysregulation. *The Psychiatric Clinics of North America*, 36(1), 163-168.
- Lassonde, M., Sauerwein, H., Gallagher, A., Thériault, M., & Lepore, F. (2006). Neuropsychology: Traditional and new methods of investigation. *Epilepsia*, 47(Supplement 2), 9-14.
- Lauterbach, E. C. (2004). The neuropsychiatry of Parkinson's disease and related disorders. *The Psychiatric Clinics of North America*, 27(4), 801-825.
- LeDoux, J. (2000). Emotion circuits in the brain. *Annual Review of Neuroscience*, 23, 155-184.
- Legge, E., Madan, C., Ng, E. T., & Caplan, J. (2012). Building a memory palace in minutes: equivalent memory performance using virtual versus conventional environments with the Method of Loci. *Acta psychologica*, 141(3), 380-390.
- Levenson, R., Sturm, V., & Haase, C. (2014). Emotional and behavioral symptoms in neurodegenerative disease: a model for studying the neural bases of psychopathology. *Annual Review of Clinical Psychology*, 10, 581-606.
- Levin, H. (1993). A Compendium of Neuropsychological Tests: Administration, Norms, and Commentary. *JAMA Neurology*, 50, 451-451.
- Lezak, M. D., Howieson, D. B., Bigler, E. D., & Tranel, D. (2012). Neuropsychological assessment (5th ed.). Oxford University Press.
- Lincoln, N. B., Flannaghan, T., Sutcliffe, L., & Coole, C. (2012). Cognitive-behavioural therapy for depression following stroke: A randomized controlled trial. *Stroke*, 43(8), 2275-2281.
- Linden, D. (2006). How psychotherapy changes the brain – the contribution of functional neuroimaging. *Molecular Psychiatry*, 11(6), 528-538.
- Linehan, M., & Dimeff, L. (2008). Dialectical Behavior Therapy for Substance Abusers. *Addiction Science & Clinical Practice*, 4, 39-47.
- Linehan, M., Schmidt, H., Dimeff, L. A., Craft, J. C., Kanter, J. W., & Comtois, K. A. (1999). Dialectical behavior therapy for patients with borderline personality disorder and drug-dependence. *The American journal on addictions*, 8(4), 279-292.
- Livingston, M. G. (1990). Rehabilitation in neuropsychiatry. *British Journal of Hospital Medicine*, 44, 402.
- Llinàs-Reglà, J., Vilalta-Franch, J., López-Pousa, S., Calvó-Perxas, L., Torrents Rodas, D., & Garre-Olmo, J. (2017). The Trail Making Test. *Assessment*, 24(2), 183-196.
- Loring, D. (1989). The Wechsler memory scale-revised, or the Wechsler me-



- mory scale-revisited? *Clinical Neuropsychologist*, 3, 59-69.
- Luciana, M. (2003). Practitioner review: computerized assessment of neuropsychological function in children: clinical and research applications of the Cambridge Neuropsychological Testing Automated Battery (CANTAB). *Journal of child psychology and psychiatry, and allied disciplines*, 44(5), 649-663.
- Lueken, U., Zierhut, K., Hahn, T., Straube, B., Kircher, T., Reif, A., Richter, J., Hamm, A., Wittchen, H. U., & Domschke, K. (2016). Neurobiological markers predicting treatment response in anxiety disorders: A systematic review and implications for clinical application. *Neuroscience & Biobehavioral Reviews*, 66, 143-162.
- Luria, A. (1973). Neuropsychological studies in the USSR. A review (part II). *Proceedings of the National Academy of Sciences of the United States of America*, 70(4), 1278-1283.
- Luria, A. R. (1966). Higher cortical functions in man. New York: Basic Books.
- Maatz, A., Schneller, L., & Hoff, P. (2019). Privacy and Confidentiality in Psychotherapy.
- Majić, T., Pluta, J. P., Mell, T., Aichberger, M. C., Treusch, Y., Gutzmann, H., Heinz, A., & Rapp, M. A. (2010). The pharmacotherapy of neuropsychiatric symptoms of dementia: a cross-sectional study in 18 homes for the elderly in Berlin. *Deutsches Ärzteblatt International*, 107(18), 320-327.
- Marin, O. S., Glenn, C. G., & Walker, J. (1982). CHANGING PERSPECTIVES IN COGNITIVE NEUROPSYCHOLOGY. *International Journal of Psychology*, 17, 231-257.
- Marques-Costa, C., Simões, M., Almiro, P., Prieto, G., & Pinho, M. S. (2022). Integrating technology in neuropsychological assessment. *European Psychologist*.
- Marroquín, B. (2011). Interpersonal emotion regulation as a mechanism of social support in depression. *Clinical psychology review*, 31(8), 1276-90.
- Martínez-Morga, M., & Martínez, S. (2017). [Neuroplasticity: synaptogenesis during normal development and its implication in intellectual disability]. *Revista de Neurologia*, 64(s01), S45-S50.
- Marzola, P., Melzer, T., Pavesi, E., Gil-Mohapel, J., & Brocardo, P. (2023). Exploring the Role of Neuroplasticity in Development, Aging, and Neurodegeneration. *Brain Sciences*, 13.
- Masur, D. M., Sliwinski, M., Lipton, R. B., Blau, A. D., & Crystal, H. A. (1994). Neuropsychological prediction of dementia and the absence of dementia in healthy elderly persons. *Neurology*, 44(8), 1427-1432.
- Matta, S. M., Hill-Yardin, E. L., & Crack, P. J. (2019). The influence of neuroinflammation in Autism Spectrum Disorder. *Brain, Behavior, and Immunity*, 79, 75-90.
- McAllister, T. W. (2011). Neurobiological Consequences of Traumatic Brain Injury. *Dialogues in Clinical Neuroscience*, 13(3), 287-300.

- McArthur, D. L., Chute, D., & Villablanca, J. P. (2004). Moderate and Severe Traumatic Brain Injury: Epidemiologic, Imaging and Neuropathologic Perspectives. *Brain Pathology*, *14*, 185-194. Formun Üstü
- McFarlane, W. (2016). Family Interventions for Schizophrenia and the Psychoses: A Review. *Family Process*, *55*(3), 460-482.
- McFarlane, W. R. (2002). Multifamily groups in the treatment of severe psychiatric disorders. New York: Guilford Press.
- McFarlane, W. R., Lukens, E., Link, B., Dushay, R., Deakins, S. A., Newmark, M., Dunne, E. J., Horen, B., & Toran, J. (1995). Multiple-family groups and psychoeducation in the treatment of schizophrenia. *New Directions for Mental Health Services*, *62*, 13-22.
- McFarlane, W., Link, B., Dushay, R., Marchal, J., & Crilly, J. (1995). Psychoeducational multiple family groups: four-year relapse outcome in schizophrenia. *Family Process*, *34*(2), 127-144.
- McGlone, J. (1980). Sex differences in human brain asymmetry: a critical survey. *Behavioral and Brain Sciences*, *3*, 215-227.
- McGlynn, S. (1990). Behavioral approaches to neuropsychological rehabilitation. *Psychological Bulletin*, *108*(3), 420-441.
- McKhann, G., Drachman, D., Folstein, M., Katzman, R., Price, D., & Stadlan, E. M. (1984). Clinical diagnosis of Alzheimer's disease. *Neurology*, *34*(7), 939-939.
- McLeod, J. (2001). An administratively created reality: Some problems with the use of self-report questionnaire measures of adjustment in counselling/psychotherapy outcome research. *Counselling and Psychotherapy Research*, *1*(3), 215-226.
- Messina, I., Sambin, M., Beschner, P., & Viviani, R. (2016). Changing views of emotion regulation and neurobiological models of the mechanism of action of psychotherapy. *Cognitive, Affective, & Behavioral Neuroscience*, *16*, 571-587.
- Metz, D., Choi, J., Strosberg, J., Heaney, A., Howden, C., Klimstra, D., & Yao, J. C. (2012). A rationale for multidisciplinary care in treating neuroendocrine tumours. *Current Opinion in Endocrinology & Diabetes and Obesity*, *19*(4), 306-313
- Miklowitz, D. J., & George, E. L. (2007). *The Bipolar Disorder Survival Guide: What You and Your Family Need to Know*. New York, NY: Guilford Press.
- Miklowitz, D., & Chung, B. (2016). Family-Focused Therapy for Bipolar Disorder: Reflections on 30 Years of Research. *Family Process*, *55*(3), 483-499.
- Millan, M. J., Goodwin, G. M., Meyer-Lindenberg, A., & Ögren, S. O. (2015). Learning from the past and looking to the future: Emerging perspectives for improving the treatment of psychiatric disorders. *European Neuropsychopharmacology*, *25*(5), 599-656.
- Miller, B. (2008). Creativity in the Context of Neurologic Illness. *CNS Spectrums*, *13*, 7-9.
- Miller, E. (1980). Psychological intervention in the management and rehabilita-

- tion of neuropsychological impairments. *Behaviour Research and Therapy*, 18(6), 527-535.
- Miller, E. K., & Cohen, J. D. (2001). An integrative theory of prefrontal cortex function. *Annual Review of Neuroscience*, 24, 167-202.
- Miller, L., & Rohling, M. (2001). A Statistical Interpretive Method for Neuropsychological Test Data. *Neuropsychology Review*, 11, 143-169.
- Minuchin, S. (1974). Families and family therapy. Harvard University Press.
- Mishra, J., & Gazzaley, A. (2016). Cross-species approaches to cognitive neuroplasticity research. *NeuroImage*, 131, 4-12.
- Mitrushina, M., Boone, K. B., Razani, J., & D'Elia, L. F. (2005). Handbook of normative data for neuropsychological assessment. Oxford University Press.
- Mizen, C. S. (2005). Neuroimaging and neuropsychotherapy. *Psychiatry MMC*, 4, 10-13.
- Moberg, P. J., & Kniele, K. (2006). Evaluation of Competency: Ethical Considerations for Neuropsychologists. *Applied Neuropsychology*, 13(2), 101-114.
- Morrison, A., Pyle, M., Byrne, R., Broome, M., Freeman, D., Johns, L., James, A., Husain, N., Whale, R., MacLennan, G., Norrie, J., Hudson, J., Peters, S., Davies, L., Bowe, S., Smith, Jo., Shiers, D., Joyce, E., Jones, W., Hollis, C., Maughan, D. (2021). Psychological intervention, antipsychotic medication or a combined treatment for adolescents with a first episode of psychosis: the MAPS feasibility three-arm RCT. *Health Technology Assessment*, 25(4), 1-124.
- Mosri, D. F. (2021). Clinical Applications of Neuropsychanalysis: Hypotheses Toward an Integrative Model. *Frontiers in Psychology*, 12.
- Mountstephens, J. (2020). Enhancing Memory For Technical Lists With Computer-Generated Mnemonics. In *2020 Sixth International Conference on e-Learning (econf)* (pp. 271-274).
- Mu, Y., Lee, S. W., & Gage, F. H. (2010). Signaling in adult neurogenesis. *Current Opinion in Neurobiology*, 20(4), 416-423.
- Mubarik, A., & Tohid, H. (2016). Frontal lobe alterations in schizophrenia: A review. *Trends in Psychiatry and Psychotherapy*, 38(4), 198-206.
- Mukaino, M., Ono, T., Shindo, K., Fujiwara, T., Ota, T., Kimura, A., Liu, M., & Ushiba, J. (2014). Efficacy of brain-computer interface-driven neuromuscular electrical stimulation for chronic paresis after stroke. *Journal of rehabilitation medicine*, 46(4), 378-382.
- Navabi, M., Goodarzi, K., Roozbahani, M., & Kordestani, D. (2019). Effectiveness of Problem Solving Skills Training on Psychological Hardiness and Cognitive Emotion Regulation Strategies in High School Students. *Iranian Journal of Educational Sociology*.
- Neacsiu, A. D., Rizvi, S. L., & Linehan, M. M. (2010). Dialectical behavior therapy skills use as a mediator and outcome of treatment for borderline personality disorder. *Behaviour research and therapy*, 48(9), 832-9.
- Nezu, A. M., Nezu, C. M., & D'Zurilla, T. J. (2013). Problem-solving therapy: A

- treatment manual. New York, NY: Springer Publishing Company.
- Niv, S. (2013). Clinical efficacy and potential mechanisms of neurofeedback. *Personality and Individual Differences, 54*, 676-686.
- Norris, C. J., Chen, E., Zhu, D. C., Small, S., & Cacioppo, J. T. (2004). The Interaction of Social and Emotional Processes in the Brain. *Journal of Cognitive Neuroscience, 16*, 1818-1829.
- Northcutt, R. (2001). Changing views of brain evolution. *Brain Research Bulletin.*
- Northen, J. G., Rust, D. M., Nelson, C. E., & Watts, J. (1995). Involvement of adult rehabilitation patients in setting occupational therapy goals. *The American Journal of Occupational Therapy, 49*(3), 214-220.
- Nortje, J., & Menon, D. (2004). Traumatic brain injury: physiology, mechanisms, and outcome. *Current Opinion in Neurology, 17*(6), 711-718.
- Norton, J. C. (2021). Neuropsychological assessment. In *Handbook of Psychology and Health, Volume I* (pp. 1-36). Routledge.
- Novalis, P. N., Rojcewicz, S., & Peele, R. (1993). Clinical Manual of Supportive Psychotherapy.
- Nunn, J. F. (2002). Ancient Egyptian Medicine. University of Oklahoma Press.
- O'Connor, D. M., & Boulis, N. (2015). Gene therapy for neurodegenerative diseases. *Trends in molecular medicine, 21*(8).
- O'Brien, M. P., Miklowitz, D., Candan, K. A., Marshall, C., Domingues, I., Walsh, B., Zinberg, J., De Silva, S. D., Woodberry, K., & Cannon, T. D. (2014). A randomized trial of family focused therapy with populations at clinical high risk for psychosis: effects on interactional behavior. *Journal of Consulting and Clinical Psychology, 82*(1), 90-101
- O'Carroll, R. E., & Fisher, P. (2013). Cognitive behavioural therapy for depression: An introduction. SAGE.
- Olson, I., & Berryhill, M. (2009). Some surprising findings on the involvement of the parietal lobe in human memory. *Neurobiology of Learning and Memory, 91*, 155-165
- Owen, M. J., Sawa, A., & Mortensen, P. B. (2016). Schizophrenia. *Lancet, 388*, 86-97.
- Owensworth, T. (2011). Neuropsychological Rehabilitation: Theory, models, therapy and outcome. *Neuropsychological Rehabilitation, 21*(1), 141-144.
- Owensworth, T., & Fleming, J. (2012). The relative importance of metacognitive skills, emotional status, and executive function in psychosocial adjustment following acquired brain injury. *Journal of Head Trauma Rehabilitation, 27*(3), E1-E12.
- Ozomaro, U., Wahlestedt, C., & Nemeroff, C. B. (2013). Personalized medicine in psychiatry: problems and promises. *BMC Medicine, 11*(132).
- Özen, Y. (2020). A Mental Health Problem: Dementia. *East African Scholars Journal of Psychology and Behavioural Sciences. Volume-2*(1), 9-14.
- Pagnini, F. (2013). Psychological wellbeing and quality of life in amyotrophic

- lateral sclerosis: a review. *International journal of psychology : Journal international de psychologie*, 48(3), 194-205.
- Pavio, A. (1986). *Mental representations: A dual coding approach*. Oxford University Press.
- Panksepp, J., & Solms, M. (2012). What is neuropsychanalysis? Clinically relevant studies of the minded brain. *Trends in Cognitive Sciences*, 16(6-8).
- Park, D. C., Polk, T. A., Mikels, J. A., Taylor, S. F., & Marshuetz, C. (2001). Cerebral aging: integration of brain and behavioral models of cognitive function. *Dialogues in Clinical Neuroscience*, 3(3), 151-165.
- Parsey, C., & Schmitter-Edgecombe, M. (2013). Applications of Technology in Neuropsychological Assessment. *The Clinical Neuropsychologist*, 27(8), 1328-1361
- Parsons, L. M. (2001). Integrating Cognitive Psychology, Neurology, and Neuroimaging. *Acta Psychologica*, 107(1-3), 155-181.
- Parsons, M. W., & Hammeke, T. A. (2014). *Clinical neuropsychology: A pocket handbook for assessment* (3rd ed.). American Psychological Association.
- Pennington, D. (2008). Cross-Disciplinary Collaboration and Learning. *Ecology and Society*, 13(2), 8.
- Petermann, F., & Müller, J. (2001). *Psychotherapy: Case Study*.
- Pharoah, F., Mari, J., Rathbone, J., & Wong, W. (2010). Family intervention for schizophrenia. *Cochrane Database of Systematic Reviews*, Issue 12. Art. No.: CD000088. DOI: 10.1002/14651858.CD000088.pub3.
- Phillips, M. L., & Kupfer, D. J. (2013). Bipolar disorder diagnosis: challenges and future directions. *The Lancet*, 381, 1663-1671.
- Phillips, M. L., Drevets, W. C., Rauch, S. L., & Lane, R. (2003). Neurobiology of emotion perception I: The neural basis of normal emotion perception. *Biological Psychiatry*, 54(5), 504-514.
- Phukan, J., Pender, N., & Hardiman, O. (2007). Cognitive impairment in amyotrophic lateral sclerosis. *The Lancet Neurology*, 6(11), 994-1003.
- Podell, K., Gifford, K., Bougakov, D., & Goldberg, E. (2010). Neuropsychological assessment in traumatic brain injury. *The Psychiatric clinics of North America*, 33(4), 855-876.
- Poiese, D., Fornaro, M., Palermo, M., De Luca, V., & de Bartolomeis, A. (2019). Treatment-Resistant to Antipsychotics: A Resistance to Everything? Psychotherapy in Treatment-Resistant Schizophrenia and Nonaffective Psychosis: A 25-Year Systematic Review and Exploratory Meta-Analysis. *Frontiers in Psychiatry*, 10, 210.
- Polk, M. (2015). Co-production of knowledge in transdisciplinary doctoral theses on landscape development—An analysis of actor roles and knowledge types in different research phases. *Landscape and Urban Planning*, 105(1-2), 106-117.
- Ponsford, J. (2017). International Growth of Neuropsychology. *Neuropsychology*, 31, 921-933.

- Poovaiah, N., Davoudi, Z., Peng, H., Schlichtmann, B. W., Mallapragada, S., Narasimhan, B., & Wang, Q. (2018). Treatment of neurodegenerative disorders through the blood-brain barrier using nanocarriers. *Nanoscale*, 10(36).
- Pop-Jordanova, N., & Pop-Jordanov, J. (2002). Psychophysiological comorbidity and computerized biofeedback. *The International Journal of Artificial Organs*, 25(5), 429-433.
- Portell, M., Anguera, M. T., Hernández-Mendo, A., & Jonsson, G. K. (2015). Quantifying biopsychosocial aspects in everyday contexts: An integrative methodological approach from the behavioral sciences. *Psychology Research and Behavior Management*, 8, 153-160.
- Posner, M. I., & Raichle, M. E. (1994). *Images of Mind*. Scientific American Library.
- Potvin, M.-J., Rouleau, I., S en echal, G., & Gigu ere, J.-F. (2011). Prospective memory rehabilitation based on visual imagery techniques. *Neuropsychological Rehabilitation*, 21(6), 899-924.
- Powell, K. B., & Miklowitz, D. (1994). Frontal lobe dysfunction in the affective disorders. *Clinical Psychology Review*, 14, 525-546.
- Price, J. L., & Drevets, W. C. (2010). Neurocircuitry of mood disorders. *Neuropsychopharmacology*, 35(1), 192-216.
- Price, R., & Duman, R. (2019). Neuroplasticity in cognitive and psychological mechanisms of depression: An integrative model. *Molecular psychiatry*, 25, 530-543.
- Priebe, S., Bhatti, N., Barnicot, K., Bremner, S., Gaglia, A., Katsakou, C., Molo-sankwe, I., McCrone, P., & Zinkler, M. (2012). Effectiveness and Cost-Effectiveness of Dialectical Behaviour Therapy for Self-Harming Patients with Personality Disorder: A Pragmatic Randomised Controlled Trial. *Psychotherapy and Psychosomatics*, 81, 356-365.
- Prigatano, G. (1978). Wechsler Memory Scale: a selective review of the literature. *Journal of clinical psychology*, 34(4), 816-32.
- Prigatano, G. P. (2013). Challenges and opportunities facing holistic approaches to neuropsychological rehabilitation. *NeuroRehabilitation*, 32(4), 751-759.
- Prigatano, G., Parsons, O., & Bortz, J. (1995). Methodological considerations in clinical neuropsychological research: 17 years later. *Psychological Assessment*, 7(3), 396-403.
- Purves, D., Augustine, G. J., Fitzpatrick, D., Hall, W. C., LaMantia, A. S., & White, L. E. (2018). *Neuroscience* (6th ed.). Sinauer Associates.
- Purves, D., Augustine, G. J., Fitzpatrick, D., Hall, W. C., LaMantia, A. S., & White, L. E. (2018). *Neuroscience* (6th ed.). Sunderland, MA: Sinauer Associates.
- Adolphs, R. (2001). The neurobiology of social cognition. *Current Opinion in Neurobiology*, 11(2), 231-239.
- Puskar, K., Slivka, C., Lee, H., Martin, C. R., & Witt, M. (2016). A Case Study on Promoting Neuroplasticity in a Patient With Schizophrenia. *Perspectives in*

- psychiatric care*, 52(2), 95-101.
- Quadrato, G., Brown, J. R., & Arlotta, P. (2016). The promises and challenges of human brain organoids as models of neuropsychiatric disease. *Nature Medicine*, 22(12), 1220-1228.
- Quraishi, S., & Frangou, S. (2002). Neuropsychology of bipolar disorder: a review. *Journal of Affective Disorders*, 72(3), 209-226.
- Rajeswaran, J., Sadana, D., & Kashyap, H. (2013). Neuropsychological Rehabilitation: Healing the Wounded Brain Through a Holistic Approach. *Neuropsychological Rehabilitation*
- Ramus, F. (2013). What's the point of neuropsychanalysis? *The British journal of psychiatry : the journal of mental science*, 203(3), 170-1.
- Rao, V., Koliatsos, V., Ahmed, F., Lyketsos, C., & Kortte, K. (2015). Neuropsychiatric Disturbances Associated with Traumatic Brain Injury: A Practical Approach to Evaluation and Management. *Seminars in Neurology*, 35, 64-82.
- Reinvang, I. (1999). Cognitive Event-Related Potentials in Neuropsychological Assessment. *Neuropsychology Review*, 9, 231-248.
- Reitan, R. M. (1958). Validity of the Trail Making Test as an indicator of organic brain damage. *Perceptual and Motor Skills*, 8, 271-276.
- Richards, P., & Ruff, R. (1989). Motivational effects on neuropsychological functioning: comparison of depressed versus nondepressed individuals. *Journal of Consulting and Clinical Psychology*, 57(3), 396-402.
- Roemer, L., Williston, S. K., & Rollins, L. (2015). Mindfulness and emotion regulation. *Current opinion in psychology*, 3, 52-57.
- Roffman, J. L., Marci, C. D., Glick, D. M., Dougherty, D. D., & Rauch, S. L. (2005). Neuroimaging and the functional neuroanatomy of psychotherapy. *Psychological Medicine*, 35, 1385 - 1398.
- Rohloff, H. (2019). The Patient–Therapist Relationship in Intercultural Psychotherapy. *Intercultural Psychotherapy*.
- Rombouts, S. A. R. B., Machielsen, W. C. M., Witter, M. P., Barkhof, F., Lindeboom, J., & Scheltens, P. (1997). Visual association encoding activates the medial temporal lobe: A functional magnetic resonance imaging study. *Hippocampus*, 7(6), 594-601.
- Rosenow, J. (2009). Anatomy of the Nervous System. *Neuromodulation*.
- Rusin, M., & Lawson, K. J. (2001). Behavioral Interventions and Families: A Medical Rehabilitation Perspective. *Journal of Clinical Geropsychology*, 7, 255-269
- Russell, T. G. (2007). Physical rehabilitation using telemedicine. *Journal of Telemedicine and Telecare*, 13, 217-220.
- Saad, B. (2014). Greco-Arab and Islamic herbal medicine: A review. *European journal of medicinal plants*, 4, 249-258
- Saatman, K., Duhaime, A., Bullock, R., Maas, A., Valadka, A., & Manley, G. (2008). Classification of traumatic brain injury for targeted therapies. *Journal of Neurotrauma*, 25(7), 719-738.

- Salas, C., Casassus, M., & Turnbull, O. (2017). A Neuropsychanalytic Approach to Case Studies. *Clinical Social Work Journal*, 45, 201-214.
- Schatz, P., & Browndyke, J. N. (2002). Applications of Computer-based Neuropsychological Assessment. *Journal of Head Trauma Rehabilitation*, 17, 395-410.
- Schmahmann, J. D. (2000). The role of the cerebellum in affect and psychosis. *Journal of Neurolinguistics*, 13, 189-214.**
- Schwarz, N. (1999). Self-reports: How the questions shape the answers. *American Psychologist*, 54(2), 93-105.
- Seeman, T. E., Lusignolo, T. M., Albert, M., & Berkman, L. (2001). Social relationships, social support, and patterns of cognitive aging in healthy, high-functioning older adults: MacArthur studies of successful aging. *Health Psychology*, 20(4), 243-255.
- Semrud-Clikeman, M., & Ellison, P. A. T. (2009). The Neuropsychological Assessment Process.
- Shalev, R. (2004). Developmental Dyscalculia. *Journal of Child Neurology*, 19(10), 765-771.
- Shallice, T. (1979). Case study approach in neuropsychological research. *Journal of Clinical and Experimental Neuropsychology*, 1(2), 183-211.
- Sharma, S. R., Gonda, X., & Tarazi, F. I. (2018). Autism Spectrum Disorder: Classification, diagnosis and therapy. *Pharmacology & Therapeutics*, 190, 91-104.
- Shaywitz, S. E. (2003). Overcoming dyslexia: A new and complete science-based program for reading problems at any level. Knopf.
- Sheehan, D., Lecrubier, Y., Sheehan, K. H., Amorim, P., Janavs, J., Weiller, E., ... & Dunbar, G. C. (1998). The Mini-International Neuropsychiatric Interview (M.I.N.I.): The development and validation of a structured diagnostic psychiatric interview for DSM-IV and ICD-10. *The Journal of Clinical Psychiatry*, 59 Suppl 20, 22-33;quiz 34-57.
- Shenal, B. V., Harrison, D. W., & Demaree, H. A. (2003). The neuropsychology of depression: A literature review and preliminary model. *Neuropsychology Review*, 13(1), 33-42.
- Shin, L. M., & Liberzon, I. (2010). The neurocircuitry of fear, stress, and anxiety disorders. *Neuropsychopharmacology*, 35(1), 169-191.
- Shu, J., Bolger, N., & Ochsner, K. (2020). Social emotion regulation strategies are differentially helpful for anxiety and sadness. *Emotion*.
- Shurick, A. A., Hamilton, J. R., Harris, L. T., Roy, A. K., Gross, J. J., & Phelps, E. A. (2012). Durable effects of cognitive restructuring on conditioned fear. *Emotion*, 12(6), 1393-1397.
- Sihvonen, A. J., Särkämö, T., Leo, V., Tervaniemi, M., Altenmüller, E., & Soinila, S. (2017). Music-based interventions in neurological rehabilitation. *The Lancet Neurology*, 16, 648-660.
- Silver, J. K., & Gilchrist, L. S. (2011). Cancer rehabilitation with a focus on evi-



- dence-based outpatient physical and occupational therapy interventions. *American Journal of Physical Medicine & Rehabilitation*, 90, S5-S15.
- Sitaram, R., Ros, T., Stoeckel, L., Haller, S., Scharnowski, F., Lewis-Peacock, J., Weiskopf, N., Blefari, M. L., Rana, M., Oblak, E., Birbaumer, N., & Sulzer, J. (2017). Closed-loop brain training: the science of neurofeedback. *Nature Reviews Neuroscience*, 18, 86-100.
- Sjöström, R. (1985). Effects of psychotherapy in schizophrenia. *Acta Psychiatrica Scandinavica*, 71, 1-13.
- Smith, G. S. (2013). Aging and neuroplasticity. *Dialogues in Clinical Neuroscience*, 15(1), 3-5.
- Smith, S., Gorske, T. T., Wiggins, C. M., & Little, J. (2010). Personality Assessment Use by Clinical Neuropsychologists. *International Journal of Testing*, 10, 20-6.
- Snead, K. E., Ackerson, J., Bailey, K., Schmitt, M., Madan-Swain, A., & Martin, R. C. (2004). Taking charge of epilepsy: The development of a structured psychoeducational group intervention for adolescents with epilepsy and their parents. *Epilepsy & Behavior*, 5(4), 547-556.
- Snow, J. (1998). Clinical use of the Benton Visual Retention Test for children and adolescents with learning disabilities. *Archives of clinical neuropsychology: the official journal of the National Academy of Neuropsychologists*, 13(7), 629-36.
- Soble, J. R., Critchfield, E. A., & O'Rourke, J. J. F. (2017). Neuropsychological Evaluation in Traumatic Brain Injury. *Physical Medicine and Rehabilitation Clinics of North America*, 28(2), 339-350.
- Solovieva, Y., Rojas, L. Q., Akhutina, T., & Hazin, I. (2020). Historical-Cultural Neuropsychology: A systemic and integral approach of psychological functions and their cerebral bases. *Estudos De Psicologia (Natal)*, 24(1), 65-75. DOI: 10.22491/1678-4669.20190008
- Sousa, A., Meyer, K. A., Santpere, G., Gulden, F. O., & Šestan, N. (2017). Evolution of the Human Nervous System Function, Structure, and Development. *Cell*.
- Söğüt, M., Göksun, T., & Altan-Atalay, A. (2020). The role of numeracy skills on the Wisconsin card sorting test (WCST) performances of 5- to 8-Year-old Turkish children. *The British Journal of Developmental Psychology*.
- Spain, D., Sin, J., Chalder, T., Murphy, D., & Happé, F. (2015). Cognitive behaviour therapy for adults with autism spectrum disorders and psychiatric co-morbidity: A review. *Research in Autism Spectrum Disorders*, 9, 151-162.
- Spain, D., Sin, J., Chalder, T., Murphy, D., & Happé, F. (2015). Cognitive behaviour therapy for adults with autism spectrum disorders and psychiatric co-morbidity: A review. *Research in Autism Spectrum Disorders*, 9, 151-162.
- Spreen, O., & Strauss, E. (1998). A compendium of neuropsychological tests: Administration, norms, and commentary. Oxford University Press.
- Squire, L. R., & Zola, S. M. (1996). Structure and function of declarative and

- nondeclarative memory systems. *Proceedings of the National Academy of Sciences of the United States of America*, 93(24), 13515-13522.
- Squire, L., Stark, C., & Clark, R. (2004). The medial temporal lobe. *Annual Review of Neuroscience*, 27, 279-306.
- Srirathan, H., & Cavanna, A. (2015). Research Trends in the Neuropsychiatry Literature Since the New Millennium. *The Journal of Neuropsychiatry and Clinical Neurosciences*, 27(4), 354-361.
- Steck, P. (2005). A revision of A. L. Benton's Visual Retention Test (BVRT) in two parallel forms. *Archives of clinical neuropsychology: the official journal of the National Academy of Neuropsychologists*, 20(3), 409-16.
- Stewart, E. (2004). Art Therapy and Neuroscience Blend: Working with Patients Who Have Dementia. *Art Therapy*, 21(3), 148-155.
- Stewart, R. E., & Chambless, D. L. (2009). Cognitive-behavioral therapy for adult anxiety disorders in clinical practice: a meta-analysis of effectiveness studies. *Journal of Consulting and Clinical Psychology*, 77(4), 595-606.
- Strack, S., & Millon, T. (2013). Personalized psychotherapy: A treatment approach based on Theodore Millon's integrated clinical science model. *Journal of Personality Assessment*, 95(6), 571-580.
- Strakowski, S. M., Adler, C. M., Almeida, J., Altshuler, L. L., & Blumberg, H. P. (2012). The functional neuroanatomy of bipolar disorder: A consensus model. *Bipolar Disorders*, 14(4), 313-325.
- Strauss, E., Sherman, E. M. S., & Spreen, O. (2006). A compendium of neuropsychological tests: Administration, norms, and commentary (3rd ed.). Oxford University Press.
- Strelnick, A. H. (1977). Multiple family group therapy: A review of the literature. *Family Process*, 16(3), 307-325.
- Stroup, T., McEvoy, J., Swartz, M., Byerly, M., Glick, I., Cañive, J., ... & Lieberman, J. (2003). The National Institute of Mental Health Clinical Antipsychotic Trials of Intervention Effectiveness (CATIE) project: schizophrenia trial design and protocol development. *Schizophrenia bulletin*, 29(1), 15-31.
- Sturm, W. (2007). Neuropsychological assessment. *Journal of Neurology*, 254, III2-III14.
- Stuss, D. (2011). Traumatic brain injury: Relation to executive dysfunction and the frontal lobes. *Current Opinion in Neurology*, 24(6), 584-589.
- Stuss, D. T., & Knight, R. T. (Eds.). (2013). *Principles of Frontal Lobe Function*. Oxford University Press.
- Sullivan, P. (1971). Learning theories and supportive psychotherapy. *The American journal of psychiatry*, 128(6), 763-6.
- Sulloway, F. J. (1979). *Freud, Biologist of the Mind: Beyond the Psychoanalytic Legend*. Basic Books.
- Sunderland, MA: Sinauer Associates. Gazzaniga, M. S., Ivry, R. B., & Mangun, G. R. (2018). *Cognitive Neuroscience: The Biology of the Mind* (5th ed.). New York, NY: W.W. Norton & Company.

- Sveinbjornsdottir, S., & Duncan, J. S. (1993). Parietal and Occipital Lobe Epilepsy: A Review. *Epilepsia*, 34.
- Swainson, R., Hodges, J. R., Galton, C. J., Semple, J., Michael, A., Dunn, B. D., Iddon, J. L., Robbins, T. W., & Sahakian, B. J. (2001). Early detection and differential diagnosis of Alzheimer's disease and depression with neuropsychological tasks. *Dementia and Geriatric Cognitive Disorders*, 12(4), 265-280.
- Taylor, A., & Saint-Cyr, J. A. (1995). The neuropsychology of Parkinson's disease. *Brain and Cognition*, 28(3), 281-296.
- Taylor, K. I., & Monsch, A. U. (2004). The Neuropsychology of Alzheimer's Disease.
- Teglbjaerg, H. S. (2011). Art therapy may reduce psychopathology in schizophrenia by strengthening the patients' sense of self: A qualitative extended case report. *Psychopathology*, 44(5), 314-318.
- Thibault, R. T., Lifshitz, M., & Raz, A. (2016). The self-regulating brain and neurofeedback: Experimental science and clinical promise. *Cortex*, 74, 247-261.
- Tierney, M., Moineddin, R., & McDowell, I. (2011). Prediction of all-cause dementia using neuropsychological tests within 10 and 5 years of diagnosis in a community-based sample. *Journal of Alzheimer's Disease*, 22(4), 1231-1240.
- Tiersky, L. A., Anselmi, V., Johnston, M. V., Kurtyka, J. R., Roosen, E., Schwartz, T., & DeLuca, J. (2005). A trial of neuropsychologic rehabilitation in mild-spectrum traumatic brain injury. *Archives of Physical Medicine and Rehabilitation*, 86, 1565-1574.
- Toga, A., & Thompson, P. (2003). Mapping brain asymmetry. *Nature Reviews Neuroscience*, 4, 37-48.
- Tombaugh, T. N. (2004). Trail Making Test A and B: normative data stratified by age and education. *Archives of clinical neuropsychology: the official journal of the National Academy of Neuropsychologists*, 19(2), 203-214.
- Tracey, T. J., Wampold, B. E., Lichtenberg, J. W., & Goodyear, R. K. (2014). Expertise in psychotherapy: An elusive goal?. *The American Psychologist*, 69(3), 218-229.
- Tranel, D., & Haan, E. (2007). Selective Developmental Neuropsychological Disorders. *Cortex*, 43, 667-671.
- Tsaousides, T., & Gordon, W. A. (2009). Cognitive rehabilitation following traumatic brain injury: Assessment to treatment. *Mount Sinai Journal of Medicine*, 76(2), 173-181.
- Twomey, C., & Kroneisen, M. (2021). The effectiveness of the loci method as a mnemonic device: Meta-analysis. *Quarterly Journal of Experimental Psychology*, 74(8), 1317-1326.
- Valenzuela, M., Sidhu, K., Dean, S., & Sachdev, P. (2007). Neural stem cell therapy for neuropsychiatric disorders. *Acta Neuropsychiatrica*, 19(1), 11-26.

- Valverde, R. (2016). A quantum biofeedback and neurotechnology cybertherapy system for the support of transpersonal psychotherapy. *Neuroquantology*, 14.
- Valverde, R. (2021). An Internet-Based Quantum Biofeedback and Neurotechnology Cybertherapy System for the Support of Transpersonal Psychology. Research Anthology on Rehabilitation Practices and Therapy.
- Van der Gaag, M. (2006). A neuropsychiatric model of biological and psychological processes in the remission of delusions and auditory hallucinations. *Schizophrenia Bulletin*, 32 Suppl 1, S113-22.
- Van Os, J., & Kapur, S. (2009). Schizophrenia. *The Lancet*, 374(9690), 635-645.
- Van Overwalle, F. (2009). Social cognition and the brain: A meta-analysis. *Human Brain Mapping*, 30.
- Van Overwalle, F., Manto, M., Cattaneo, Z., Clausi, S., Ferrari, C., Gabrieli, J. D. E., ... & Leggio, M. (2020). Consensus paper: Cerebellum and social cognition. *Cerebellum (London, England)*, 19, 833-868.
- Varako, N. (2014). Person-Centered Approach in Neuropsychological Rehabilitation. *Psychology Journal of the Higher School of Economics*, 11, 178-189.
- Veith, I. (1949). *The Yellow Emperor's Classic of Internal Medicine*. University of California Press.
- Velligan, D., Kern, R., & Gold, J. (2005). Cognitive rehabilitation for schizophrenia and the putative role of motivation and expectancies. *Schizophrenia Bulletin*, 32(3), 474-485.
- Venier, K. (1998). Confidentiality and therapeutic practice. *British Journal of Psychotherapy*.
- Verano, J. W. (2003). "Trepanation in Prehistoric South America: Geographic and Temporal Trends over 2,000 Years". *Anthropologica*, 45(1), 25-39.
- Vesalius, A. (1543). *De Humani Corporis Fabrica*. [Andreas Vesalius'un insan anatomisi üzerine çalışması].
- Vezzani, A., Balosso, S., & Ravizza, T. (2019). Neuroinflammatory pathways as treatment targets and biomarkers in epilepsy. *Nature Reviews Neurology*.
- Villanueva, R. (2012). The cerebellum and neuropsychiatric disorders. *Psychiatry Research*, 198, 527-532.
- Vinay, B., Lakshmi, J., & Math, S. (2016). Ethical and Legal Issues in Psychotherapy.
- Vinnars, B., & Barber, J. (2008). Supportive-expressive psychotherapy for comorbid personality disorders: a case study. *Journal of clinical psychology*, 64(2), 195-206.
- Vuong, J., Devergnas, A., & Devergnas, A. (2018). The role of the basal ganglia in the control of seizure. *Journal of Neural Transmission*, 125, 531-545.
- Wager, T. D., & Atlas, L. Y. (2015). The neuroscience of placebo effects: connecting context, learning and health. *Nature Reviews Neuroscience*, 16(7), 403-418.
- Walter, H., Berger, M., & Schnell, K. (2009). Neuropsychotherapy: Conceptual,

- empirical and neuroethical issues. *European Archives of Psychiatry and Clinical Neuroscience*, 259, 173-182.
- Warren, M. B., & Judd, T. (2019). Psychotherapy and Neuropsychotherapy. In *Physician's Field Guide to Neuropsychology*.
- Waterhouse, G. J., & Strupp, H. (1984). The patient-therapist relationship: Research from the psychodynamic perspective. *Clinical Psychology Review*, 4, 77-93.
- Wechsler, D. (2009). Wechsler Memory Scale (4th ed.). Pearson.
- Wehrwein, E., Orer, H., & Barman, S. (2016). Overview of the Anatomy, Physiology, and Pharmacology of the Autonomic Nervous System. *Comprehensive Physiology*.
- Weingarten, C. P., & Strauman, T. (2015). Neuroimaging for psychotherapy research: Current trends. *Psychotherapy Research*, 25, 185-213.
- Weintraub, D., & Burn, D. (2011). Parkinson's disease: The quintessential neuropsychiatric disorder. *Movement Disorders*, 26().
- Weintraub, S., Wicklund, A. H., & Salmon, D. P. (2012). The neuropsychological profile of Alzheimer disease. *Cold Spring Harbor Perspectives in Medicine*, 2(4), a006171.
- Weintruab-Youdkes, A., Prisant, B., Ben-Israel, J., & Merims, D. (2015). A Novel Modification of the "Method of Loci" to Improve Memory in Older Adults. *Activities, Adaptation & Aging*, 39, 307-317.
- Wernicke, C. (1874). Der aphasische Symptomenkomplex: Eine psychologische Studie auf anatomischer Basis. Cohn & Weigert.
- Wilens, T. E., Spencer, T. J., & Biederman, J. (2002). Attention deficit/hyperactivity disorder across the lifespan. *Annual Review of Medicine*, 53, 113-131.
- Wilkins, L. (1996). Assessment: Neuropsychological testing of adults. Considerations for neurologists. Report of the Therapeutics and Technology Assessment Subcommittee of the American Academy of Neurology. *Neurology*, 47(2), 592-599.
- Wilson, B. (1997). Cognitive Rehabilitation: How it is and how it might be. *Journal of the International Neuropsychological Society*, 3, 487-496.
- Wilson, B. (2002). Towards a comprehensive model of cognitive rehabilitation. *Neuropsychological Rehabilitation*, 12, 97-110.
- Wilson, B. A. (1987). Single-case experimental designs in neuropsychological rehabilitation. *Journal of Clinical and Experimental Neuropsychology*, 9(5), 527-544.
- Wilson, B. A. (2008). Neuropsychological rehabilitation. *Annual Review of Clinical Psychology*, 4, 141-162.
- Wilson, B. A. (2013). Memory rehabilitation: Integrating theory and practice. Guilford Press.
- Beck, J. S. (2011). Cognitive behavior therapy: Basics and beyond (2nd ed.). New York, NY: The Guilford Press.
- Wilson, B. A. (2020). *Neuropsychological Rehabilitation: The International Handbook*. Routledge.

- Wilson, P. H. (2013). *Practitioner's guide to developmental and psychological testing*. Springer.
- Winston, A., Pinsker, H., & McCullough, L. (1986). A review of supportive psychotherapy. *Hospital & community psychiatry*, 37(11), 1105-14.
- Wiseman, H., Tishby, O., & Barber, J. (2012). Collaboration in psychodynamic psychotherapy. *Journal of Clinical Psychology*, 68(2), 136-145.
- Witelson, S. F. (1988). *Brain Asymmetry, Functional Aspects*.
- Yongbo Zhang, Yingying Zhao, Xiaopeng Song, Hua Luo, Jinmei Sun, Chunyu Han, Xiaohuan Gu, Jun Li, Guilan Cai, Yanbing Zhu, Zhandong Liu, Ling Wei, & Zheng Zachory Wei. (2020). Modulation of Stem Cells as Therapeutics for Severe Mental Disorders and Cognitive Impairments. *Frontiers in Psychiatry*, 11.
- Zakzanis, K., Mraz, R., & Graham, S. (2005). An fMRI study of the Trail Making Test. *Neuropsychologia*, 43(13), 1878-1886.
- Zarshenas, M., & Zargaran, A. (2015). A review on the Avicenna's contribution to the field of cardiology. *International journal of cardiology*, 182, 237-241.
- Zhou, Y., Shao, A., Xu, W., Wu, H., & Deng, Y. (2019). Advance of Stem Cell Treatment for Traumatic Brain Injury. *Frontiers in Cellular Neuroscience*, 13.
- Zimmer, C. (2004). *Soul Made Flesh: The Discovery of the Brain—and How it Changed the World*. Free Press.
- Zucchella, C., Federico, A., Martini, A., Tinazzi, M., Bartolo, M., & Tamburin, S. (2021). Neuropsychological testing. *Practical Neurology*, 18, 227-237.
- Zwick, G. (2017). Neuropsychological assessment in autism spectrum disorder and related conditions. *Dialogues in Clinical Neuroscience*, 19, 373-379
- Zwicker, J., Missiuna, C., Harris, S., & Boyd, L. (2012). Developmental coordination disorder: a review and update. *European journal of paediatric neurology: EJPN: official journal of the European Paediatric Neurology Society*, 16(6), 573-581.