

References:

- ❖ Bell, G., A. Marino, A. Chesson and F. Struve
 - Human sensitivity to weak magnetic fields

- ❖ Bartko D, Turcáni P, Danisová J
 - The effects of the pulsing magnetic field on the cerebral circulation, EEG power spectra and some properties of the blood. A preliminary data

- ❖ Bartnik-Olson BL, Harris NG, Shijo K, Sutton RL
 - Insights into the metabolic response to traumatic brain injury as revealed by (13)C NMR spectroscopy

- ❖ Berrigan L, Marshall S, McCullagh S
 - Quality of clinical practice guidelines for persons who have sustained mild traumatic brain injury

- ❖ Başar E, Schürmann M, Başar-Eroglu C, Karakaş S
 - Alpha oscillations in brain functioning: an integrative theory

- ❖ Bharath RD, Munivenkatappa A, Gohel S
 - Recovery of resting brain connectivity ensuing mild traumatic brain injury. Front Hum Neurosci

- ❖ Blackman CF

- Stimulation of brain tissue in vitro by extremely low frequency, low intensity, sinusoidal electromagnetic fields

- ❖ Blackman CF
 - Electromagnetic Fields and Neurobehavioral Function

- ❖ Clark VP, Parasuraman R
 - enhancing brain and mind in health and in disease

- ❖ Cosentino G, Giglia G, Palermo A
 - A case of post-traumatic complex auditory hallucinosis treated with rTMS. Neurocase

- ❖ Choe MC, Giza
 - Diagnosis and management of acute concussion. Semin Neurol

- ❖ Diamond MC, Tenforde TS, Liburdy RP
 - The influence of ultrahigh magnetic fields on cerebral cortical morphological development: a preliminary study (meeting abstract)

- ❖ Del Percio C, Marzano N, Tilgher S, Fiore A, Di Ciolo E, Aschieri P, Lino A, Toràn G, Babiloni C, Eusebi F
 - alpha rhythms are correlated with post-stimulus sensorimotor performance in athletes and non-athletes: a high-resolution EEG study

- ❖ Dowman R, Wolpaw JR, Seegal RF, Satya-Murti S
 - Chronic exposure of primates to 60-Hz electric and magnetic fields: III

- ❖ Esty ML and Nelson D. Neurotherapy
 - The Journal of Neuropsychiatry and Clinical Neurosciences

- ❖ Goodwin T
 - Physiological and molecular genetics effects of time-varying electromagnetic fields on human neuronal cells
 - NASA Johnson Space Center, Houston, TX, USA. NASA/TP-2003- 212054

- ❖ Gavalas RJ, Walter DO, Hamer J, Adey WR
 - Effect of low-level, low-frequency electric fields on EEG and behavior in *Macaca nemestrina*

- ❖ Grunner O
 - Cerebral use of a pulsating magnetic field in neuropsychiatry patients with long-term headache. EEG EMG Z

- ❖ George MS, Raman R, Benedek DM
 - A two-site pilot randomized 3 day trial of high dose left prefrontal repetitive transcranial magnetic stimulation (rTMS) for suicidal inpatients

- ❖ Hoffer ME
 - Mild traumatic brain injury: neurosensory effects

- ❖ Herrold AA, Kletzel SL, Harton BC

- Transcranial magnetic stimulation: potential treatment for co-occurring alcohol, traumatic brain injury and posttraumatic stress disorders

- ❖ Ingram DA, Thompson AJ, Swash M
 - Central motor conduction in multiple sclerosis: evaluation of abnormalities revealed by transcutaneous magnetic stimulation of the brain

- ❖ Jin Y, Phillips B
 - A pilot study of the use of EEG-based synchronized Transcranial Magnetic Stimulation (sTMS) for treatment of Major Depression

- ❖ Koski L, Kolivakis T, Yu C
 - Noninvasive brain stimulation for persistent postconcussion symptoms in mild traumatic brain injury

- ❖ Leuchter AF, Hunter AM, Krantz DE, Cook IA
 - Rhythms and blues: modulation of oscillatory synchrony and the mechanism of action of antidepressant treatments

- ❖ Lee J, Choi BH, Oh E
 - Treatment of Alzheimer's Disease with Repetitive Transcranial Magnetic Stimulation Combined with Cognitive Training: A Prospective, Randomized, Double-Blind, PlaceboControlled Study

- ❖ Leuchter AF, Cook IA, Feifel D
 - Efficacy and Safety of Low-field Synchronized Transcranial Magnetic Stimulation (sTMS) for Treatment of MajorDepression

- ❖ Leung A, Fallah A, Shukla S, Lin L, Tsia A, Song D, Polston G, Lee R

- rTMS in Alleviating Mild TBI Related Headaches - A Case Series

- ❖ Leuchter AF, Cook IA, Jin Y, Phillips B
 - The relationship between brain oscillatory activity and therapeutic effectiveness of transcranial magnetic stimulation in the treatment of major depressive disorder

- ❖ Lustenberger C, Boyle MR, Foulser AA, Mellin JM, Fröhlich F
 - Functional role of frontal alpha oscillations in creativity

- ❖ Liao X, Li G, Wang A
 - Repetitive Transcranial Magnetic Stimulation as an Alternative Therapy for Cognitive Impairment in Alzheimer's Disease: A Meta-Analysis

- ❖ Nielson DM, McKnight CA, Patel RN
 - Preliminary guidelines for safe and effective use of repetitive transcranial magnetic stimulation in moderate to severe traumatic brain injury

- ❖ Niedermeyer, E
 - The Normal EEG of the Waking Adult, Electroencephalography

- ❖ Nelson DV, Esty ML
 - Neurotherapy for chronic headache following traumatic brain injury

- ❖ Ossenkopp KP, Cain DP
 - Inhibitory effects of acute exposure to low-intensity 60-hz magnetic fields on electrically kindled seizures in rats

- ❖ O'Reardon JP, Solvason HB, Janicak PG
 - Efficacy and safety of transcranial magnetic stimulation in the acute treatment of major depression: a multisite randomized controlled trial

- ❖ Politis MJ, Zanakis MF
 - Treatment of the damaged rat hippocampus with a locally applied electric field

- ❖ Persinger MA, Saroka KS
 - Comparable proportions of classes of experiences and intracerebral consequences for surgical stimulation and external application of weak magnetic field patterns: implications for converging effects in complex partial seizures

- ❖ Rasouli J, Lekhraj R, White NM, Flamm ES, Pilla AA, Strauch B, Casper D
 - Attenuation of interleukin-1 β by pulsed electromagnetic fields after traumatic brain injury

- ❖ Rohan ML, Yamamoto RT, Ravichandran CT
 - Rapid mood-elevating effects of low field magnetic stimulation in depression

- ❖ Reti IM, Schwarz N, Bower A
 - Transcranial magnetic stimulation: A potential new treatment for depression associated with traumatic brain injury

- ❖ Seegal RF, Wolpaw JR, Dowman R
 - Chronic exposure of primates to 60-Hz electric and magnetic fields: II. Neurochemical effects

- ❖ Simpson G, Tate R
 - Suicidality in people surviving a traumatic brain injury: prevalence, risk factors and implications for clinical management

- ❖ Sieron A, Labus L, Nowak P, Cieslar G, Brus H, Durczok A, Zagzil T, Kostrzewa RM, Brus R
 - Alternating extremely low frequency magnetic field increases turnover of dopamine and serotonin in rat frontal cortex

- ❖ Yuh EL, Mukherjee P, Lingsma HF
 - Magnetic resonance imaging improves 3-month outcome prediction in mild traumatic brain injury

- ❖ Wolpaw JR, Seegal RF, Dowman R
 - Chronic exposure of primates to 60-Hz electric and magnetic fields: I. Exposure system and measurements of general health and performance

- ❖ Warden DL, Bleiberg J, Cameron KL
 - Persistent prolongation of simple reaction time in sports concussion

- ❖ Wever, R.A
 - The electromagnetic environment and the circadian rhythms of human subjects