

A N E X A 4 . 1

Nume Prenume: MAIOR ZOLTÁN ZSIGMOND

Gradul didactic:

Instituția unde este titular:

Facultatea:

Departamentul:

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Epilepsiile și ADHD: Interrelația din perspectiva examinărilor electrofiziologice

Susținut la data de 29.10.2010

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. Rajan S, Sharma D. „Neuroanestezia și neuromonitorizarea în chirurgia complexă a coloanei vertebrale și chirurgia cerebrală” în Ellenbogen RG, Sekhar LN, Kitchen ND. „Principiile chirurgiei neurologice” IVth ed., chapter adapted into romanian by Major ZZ, editor of the romanian version Prof. Dr. IS Florian, Ed.Elsevier-Hipocrate, 2018, 87-102. ISBN 978-6069-45762-7

2. Major ZZ. Clinical Presentation. In: Florian IS, editor. Pineal region lesions Management Strategies and Controversial Issues. Springer; 2020. p. 27-32.

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**Articole de cercetare publicate integral în reviste indexate Thompson-Reuters Web of Science**

1. Văcăraș V, Major ZZ, Mariș E, Major KA, Buzoianu AD. [Multiple sclerosis with stroke-like symptoms: a diagnostic challenge. Case report]. Orv Hetil 2015;156(37):1514–1518.

2. Major ZZ, Vacaras V, Maris E, Crisan I, Florea B, Major KA, Muresanu DF. The electrophysiological changes after 1Hz rTMS in ALS patients. A pilot study. Ideggyogy Sz 2016;69(3–4):E026–E031.

3. Vacaras V, Vithoulkas G, Buzoianu AD, Marginean I, Major ZZ, Vacaras V, Nicoara RD, Oberbaum M. Homeopathic Treatment for Postpartum Depression: A Case Report. Journal of Evidence-Based Complementary & Alternative Medicine 2016;(2016):1-4 (IF=1.931)

4. Vacaras V, Major ZZ, Buzoianu AD. Brain-derived neurotrophic factor levels under chronic natalizumab treatment in multiple sclerosis. A preliminary report. Neurol Neurochir Pol 2017, (51):221-226.

5. Axente DD, Major ZZ, Dudric VN, Constantea NA. Control of the functionality of the brachial plexus during robot-assisted transaxillary thyroid surgery. Neurophysiology 2017; 49(4): 295-300.

6. Sabin O, Bocșan IC, Trifa A, Major ZZ, Heghes SC, Brusturean Bota E, Buzoianu AD. Correlation between ABCB1 gene polymorphisms, antiepileptic drug concentrations and treatment response. *Revista Română de Medicină de Laborator* 2018; 26(4):479-487.
7. Major KA, Major ZZ, Craciunas R et al. Efficiency of Transcranial Magnetic Stimulation in Progressive Supranuclear Palsy: Estimation Using Goniometry and Dynamometry. *Neurophysiology* 2019; 51(1):57-62. <https://doi.org/10.1007/s11062-019-09791-y>.
8. Tucan P, Gherman B, Major KA, Vaida C, Major ZZ, Plitea N, Carbone G, Pisla D. Fuzzy Logic-Based Risk Assessment of a Parallel Robot for Elbow and Wrist Rehabilitation. *Int J Environ Res Public Health* 2020;17:654; doi:10.3390/ijerph17020654
9. Major ZZ, Vaida C, Major KA, Tucan P, Simori G, Banica A, Brusturean E, Burz A, Craciunas R, Ulinici I, Carbone G, Gherman B, Birlescu I, Pisla D. The Impact of Robotic Rehabilitation on the Motor System in Neurological Diseases. A Multimodal Neurophysiological Approach. *Int. J Environ Res Public Health* 2020, 17, 6557.
10. Major ZZ, Vaida C, Major KA, Tucan P, Brusturean E, Gherman B et al. Comparative Assessment of Robotic versus Classical Physical Therapy Using Muscle Strength and Ranges of Motion Testing in Neurological Diseases. *J Pers Med* 2021, 11, 953. <https://doi.org/10.3390/jpm11100953>.
11. Balaci GM, Oslobanu A, Major ZZ, Dávid RE, Iepure M, Hancu D, Popa AM, Florian IS. Assessing the Efficacy of Anastomosis between Ansa Cervicalis and Facial Nerve for Patients with Concomitant Facial Palsy and Peripheral Neuropathy. *J Pers Med*. 2023, 13, 76. <https://doi.org/10.3390/jpm13010076>

Rezumatel conferințelor publicate în reviste indexate Thompson Reuters Web of Science

1. Malfatti E, Major ZZ, Urtizberea JA. Diagnosing necrotizing myopathy with HMGCAR antibodies – a quest proving time is muscle. *Journal of Neuromuscular Diseases* 9 (2022) S288 DOI 10.3233/JND-229001

Lucrări de specialitate indexate internațional, Thompson Reuters Web of Science (ISI)

D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

Articole de cercetare originale integral publicate în reviste indexate în baze de date internaționale (non-ISI)

1. Văcăraș V, Major ZZ, Mariș E, Major KA, Buzoianu AD. A stepwise approach to adult onset leukodystrophy. *HVM Bioflux* 2015;7(3):191-196.
2. Major ZZ, Văcăraș V, Major KA, Mariș E, Mureșanu DF. Wilson's disease – a six year long journey to a positive diagnosis. *HVM Bioflux* 2015;7(3):225-228.
3. Major KA, Major ZZ, Carbone G, Pîslă A, Vaida C, Gherman B, Pîslă DL. Ranges of motion as basis for robot-assisted post-stroke rehabilitation. *HVM Bioflux* 2016;8(4):192-196.
4. Vaida C, Carbone G, Major KA, Major ZZ, Plitea N, Pisla D. On human robot interaction modalities in the upper limb rehabilitation after stroke. *Acta Technica Napocensis Series: Applied mathematics, Mechanics and Engineering*, 2017;60(1):91-102.
5. Major KA, Carbone G, Major ZZ, Vaida C, Pisla D. Predefined assessment tools in robot assisted physical therapy after stroke. *Bulletin of the Transilvania University of Brașov*, 2017;10(59)1:1-6.
6. Balaci GM, Major ZZ, Radu OM, Sălăgean R, Florian IS. Anastomosis between the facial nerve – ansa cervicalis and the facial nerve – hypoglossal nerve in rabbits: technical note for a practical use in peripheral facial palsy. *Medicine and Pharmacy Reports*. 2023;96(4):400-405



Rezumate de conferințe publicate în reviste indexate în baze de date internaționale (non-ISI)

Lucrări naționale publicate

E. Brevete obținute în întreaga activitate

Data:

13.06.2025

Semnătura: