CURRICULUM VITAE

Date personale:

Nume, Prenume: Szabo Dan Alexandru

Titlu academic: Conferențiar universitar

Departament: M2

Disciplină: Științele Motricității

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Domenii de interes: Științele Motricității Umane; Kinesiologie; Proprioceptie; Activitate Psihomotrică; Tehnologii Utilizate în Recuperarea Medicală; Kinetoprofilaxie.

Activitate de cercetare: · ORCID · WoS · Scopus· ResearchGate · Google Scholar· SciProfiles

1. Lucrări publicate in extenso:

a) **Szabo DA**, Ene-Voiculescu V, Teodorescu S, Larion A, Mocanu GD, Puni AR, Ilea IC, & Parvu C. Psychological and neurological tests are required to reduce the risk of injuries in paragliding**.** *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*. **2025**: 50-70. https://doi.org/10.70594/brain/16.1/4

b) **Szabo DA**, Neagu N, Teodorescu S, Apostu M, Predescu C, Pârvu C, Veres C. The Role and Importance of Using Sensor-Based Devices in Medical Rehabilitation: A Literature Review on the New Therapeutic Approaches*. Sensors*. **2023**; 23(21):8950. https://doi.org/10.3390/s23218950

c) **Szabo DA,** Neagu N, Florea SE, Veres C, Pârvu C, Puni AR, Teodorescu S. Technologies Used in Medical Rehabilitation: A Systematic Review Regarding the Applicability of Rehabilitation Technologies in Certain Medical Domains. *BRAIN Broad Research in Artificial Intelligence and Neuroscience*. **2023**, 14, 499-518. DOI:https://doi.org/10.18662/brain/14.4/518.

d) **Szabo DA**, Neagu N, Teodorescu S, Predescu C, Sopa IS, Panait L. TECAR Therapy Associated with High-Intensity Laser Therapy (Hilt) and Manual Therapy in the Treatment of Muscle Disorders: A Literature Review on the Theorised Effects Supporting Their Use. *Journal of Clinical Medicine*. **2022**; 11(20):6149. https://doi.org/10.3390/jcm11206149

e) **Szabo DA**, Neagu N, Teodorescu S, Panait CM, Sopa IS. Study on the Influence of Proprioceptive Control versus Visual Control on Reaction Speed, Hand Coordination, and Lower Limb Balance in Young Students 14–15 Years Old. *International Journal of Environmental Research and Public Health*. **2021**; 18(19):10356. https://doi.org/10.3390/ijerph181910356