



CURRICULUM VITAE

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Research Interest, Activity: anatomy, orthopaedics and traumatology, computational models in orthopaedics and anatomy

Published Articles:

Incze-Bartha Z, Incze-Bartha S, Simon-Szabó Z, Feier AM, Vunvulea V, Nechifor-Boila AI, Pastorello Y, Denes L *Finite Element Analysis of Various Osteotomies Used in the Treatment of Developmental Hip Dysplasia in Children*. J. Pers. Med. 2024, 14, 189, <https://doi.org/10.3390/jpm14020189>

Incze-Bartha Z, Russo AP, Pastorello Y, Vunvulea V, Stanciu N, Mattarocci M, Dénes L *Cough-Induced Multiple, Bilateral, Asymmetrical Rib Fractures in a Scoliosis Patient: A Case Report*. Cureus 15(11): e49251. DOI 10.7759/cureus.49251, FI 1,2, autor principal

Incze-Bartha Z, Incze-Bartha S, Simon Szabó Z, Feier AM, Vunvulea V, Nechifor-Boila IA, Pastorello Y, Szasz D, Dénes L. *Finite Element Analysis of Normal and Dysplastic Hip Joints in Children*. J. Pers. Med., 2023, 13, 1593. <https://doi.org/10.3390/jpm13111593>, FI 3,4, autor principal

Vunvulea V, Melinte RM, Brânzaniuc K, Suci BA, Ivănescu AD, Hălmăciu I, **Incze-Bartha Z**, Pastorello Y, Trâmbițaș C, Mărginean L, Kaller R, Kassas A, Hoge T *Blood Count-Derived Inflammatory Markers Correlate with Lengthier Hospital Stay and Are Predictors of Pneumothorax Risk in Thoracic Trauma Patients*. Diagnostics 2023, 13(5), 954; <https://doi.org/10.3390/diagnostics13050954>, FI 3,4, coautor

Rusu OM, Pop TS, Feier AM, Trâmbitas C, **Incze-Bartha Z**, Borodi PG, Gergely I, Zuh SG *Treatment Efficacy with a Novel Hyaluronic Acid-Based Hydrogel for Osteoarthritis of the Knee*. J. Pers. Med. 2021, 11, 303, <https://doi.org/10.3390/jpm11040303>, FI 3,4, coautor

