

**LISTA LUCRĂRILOR ȘTIINȚIFICE**  
**CRĂCIUN MARIA DANIELA**

**A. Teza de doctorat**

**RECUPERAREA KINETICĂ ÎN SINDROMUL ALGO-DISFUNCȚIONAL AL ARTICULAȚIEI TEMPORO-MANDIBULARE, Universitatea de Medicină și Farmacie „Grigore T. Popa” Iasi, 2014**

**B. Cărți și capitole în cărți publicate**

1. Crăciun Maria Daniela „*Abordări inovatoare în evaluarea și tratamentul fizioterapeutic al disfuncțiilor temporo-mandibulare la pacienții reumatici*” Editura RISOPRINT, Cluj Napoca, 2023, ISBN - 978-973-53-3034-7;
2. Biomedical Engineering Tools for Management for Patients with COVID-19, Academic Press ELSEVIER, 1st Edition - June 8, 2021, *Chapter 9, Physiotherapeutic management for patients with Covid-19*, Maria Daniela Crăciun Paperback ISBN: 9780128244739, eBook ISBN: 978032385995;
3. Crăciun Maria Daniela, *Metode de tratament kinetic cu evidențe statistice de recuperare a articulației temporo-mandibulare la pacienții reumatici*, Editura PIM Iași 2015, ISBN 978-606-13-2501-6.
4. Ieșcu Ioan, Crăciun Maria Daniela, *Notiuni generale de anatomie funcțională*, Editura Universității Suceava, 2005, 146 p, ISBN 973-666-147-4.

**C. Lucrări indexate ISI**

1. Crăciun, M.D.; Geman, O.; Leuciuc, F.V.; Holubiac, I.Ș.; Gheorghită, D.; Filip, F. *Effectiveness of Physiotherapy in the Treatment of Temporomandibular Joint Dysfunction and the Relationship with Cervical Spine*. Biomedicines 2022, 10, 2962. <https://doi.org/10.3390/biomedicines10112962>
2. Kumar VD, Rajesh P, Geman O, Craciun MD, Arif M, Filip R. “*Quo Vadis Diagnosis*”: *Application of Informatics in Early Detection of Pneumothorax*. Diagnostics. 2023; 13(7):1305. <https://doi.org/10.3390/diagnostics13071305>
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4. Holubiac IȘ, Leuciuc FV, Crăciun M D, Dobrescu T. *Effect of Strength Training Protocol on Bone Mineral Density for Postmenopausal Women with Osteopenia/Osteoporosis Assessed by Dual-Energy X-ray Absorptiometry (DEXA)*. Sensors. 2022; 22(5):1904. <https://doi.org/10.3390/s22051904>
5. Khurram Ejaz, Mohd Shafry Mohd Rahim, Muhammad Arif, Diana Izdrui, Maria Daniela Crăciun, Oana Geman, “*Review on Hybrid Segmentation Methods for Identification of Brain Tumor in MRI*”, *Contrast Media & Molecular Imaging*, vol. 2022, Article ID 1541980, 16 pages, 2022. <https://doi.org/10.1155/2022/1541980>.



6. Muhammad Arif, Anupama Jims, Ajesh F., Oana Geman, **Maria-Daniela Craciun**, Florin Leuciuc, "*Application of Genetic Algorithm and U-Net in Brain Tumor Segmentation and Classification: A Deep Learning Approach*", Computational Intelligence and Neuroscience, vol. 2022, Article ID 5625757, 11 pages, 2022. <https://doi.org/10.1155/2022/5625757>
7. Muhammad Arif, Felix M. Philip, F. Ajesh, Diana Izdrui, **Maria Daniela Crăciun**, Oana Geman, "*Automated Detection of Nonmelanoma Skin Cancer Based on Deep Convolutional Neural Network*", Journal of Healthcare Engineering, vol. 2022, Article ID 6952304, 15 pages, 2022. <https://doi.org/10.1155/2022/6952304>
8. FV Leuciuc, **MD Craciun**, IS Holubiach, MA Mohammed, KH Abdulkareem "*Statistical Medical Pattern Recognition for Body Composition Data Using Bioelectrical Impedance Analyzer Computers*", Materials & Continua Tech Science Press DOI:10.32604/cmc.2021.014863
9. **M. D Crăciun**, D. Gheorghită, O. Geman, "*Thermography Applications in the Assessment and Treatment of the Temporomandibular Disorders*", 2019 International Conference on Sensing and Instrumentation in IoT Era (ISSI), Lisbon Portugal, <https://doi.org/10.1109/ISSI47111.2019.9043729>
10. S.C. Silișteanu, **M.D. Crăciun**, E. Antonescu, "*Trial on the Possibility to Assess the Static and Dynamic Balance in the Elderly with Diseases on the Level of the Supporting Joints*" 2019 E-Health and Bioengineering Conference (EHB) Iasi, <https://doi.org/10.1109/EHB47216.2019.8969952>
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22. **Crăciun Maria Daniela**, *Importance of kinetic treatment in fibromyalgia*, THE ANNALS OF THE "STEFAN CEL MARE" UNIVERSITY, ISSN – 1844 – 9131 No.1 (16) / 2016 <http://www.usv.ro/fefs/revista/archive.php>
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**Semnătura**

