

Lista lucrărilor științifice

Coman Mădălina-Gabriela

I. Articole publicate în reviste cotate ISI Thomson, cu factor de impact

1. Mocanu, G. D., **Postelnicu, M. G.**, Adam, A. M., Murariu, G., & Potop, V. (2023). Body composition analysis for non-athlete urban schoolgirls in the pubertal stage. *Pedagogy of Physical Culture and Sports*, 27(3), 254-266. <https://doi.org/10.15561/26649837.2023.0310>
2. Buculei, I., Dobrin, M. E., Matei, D., Onu, I., Cioroiu, I. B., Caba, B., **Postelnicu, M. G.**, Buhociu, D., Mușat, C. L., Crișan-Dabija, R., Cernomaz, A. T., & Trofor, L. (2023). HPLC Analysis and Risk Assessment of 15 Priority PAHs in Human Blood Serum of COPD Patient from Urban and Rural Areas, Iasi (Romania). *Journal of Personalized Medicine*, 13(9), 1290. <https://doi.org/10.3390/jpm13091290>
3. Mocanu, G. D., **Postelnicu, M. G.**, Adam, A. M., & Cristian, P. (2023). Differences in body composition parameters between female handball players and non-athlete girls during puberty. *Balneo and PRM Research Journal*, 14 (Vol.14, 4), 609. <https://doi.org/10.12680/balneo.2023.609>
4. Gurau, T. V., Mușat, C. L., Voinescu, D. C., Anghel, L., Murariu, G., **Postelnicu, M. G.**, Ștefănescu, C., Onu, I., Corciovă, C., & Iordan, D. A. (2023). Incidence and prevalence of injuries in some sports – review. *Balneo and PRM Research Journal*, 14(Vol.14, 4), 617. <https://doi.org/10.12680/balneo.2023.617>
5. **Coman, M.**, Adam, A. M., Gheorghe, C., Mocanu, M. D., Stoica, L., Iordan, D., Onu, I., & Teodor, D. F. (2024). Body Composition and cardiorespiratory fitness Characteristics among Female University Students: A Cross-Sectional Study. *Balneo and PRM Research Journal*, 15(Vol.15, 4), 753. <https://doi.org/10.12680/balneo.2024.753>
6. **Coman, M.**, Stan, A. M., Adam, A. M., Gheorghe, C., Pârvu, C., Codreanu, C. M., Moraru, L., Iordan, D., & Onu, I. (2025). A Cross-Sectional Study of Body Composition and Cardiorespiratory Fitness: Insights from Romanian Physical Education Male Students and



- Non-Professionals. *Balneo and PRM Research Journal*, 16(Vol 16 No. 1), 767. <https://doi.org/10.12680/balneo.2025.767>
7. Karadenizli, Z. İ., İlbak, İ., Jorgić, B. M., Onu, I., **Coman, M.**, & Iordan, D. (2025). The Relationship Between Anthropometric Characteristics, Chronological Age, and Training Age with Speed, Agility, and Explosive Power in Handball Players. *Applied Sciences*, 15(11), 6276. <https://doi.org/10.3390/app15116276>
 8. Gurau, T. V., **Coman, M. G.**, Iordan, D. A., Musat, C. L., Adam, A. M., Stan, A. M., Balta, A. A., & Constantin, G. B. (2025). Assessment of physical activity levels and sedentary behavior in students using the Global Physical Activity Questionnaire. *Balneo and PRM Research Journal*, 16(Vol 16 No. 2), 815. <https://doi.org/10.12680/balneo.2025.815>
 9. Gurau, T. V., **Coman, M. G.**, Iordan, D. A., Onu, I., Raileanu, C. R., Adam, A. M., Gurau, G., Voinescu, D. C., Badau, A., & Musat, C. L. (2025). Static Baropodometric Assessment for Musculoskeletal Rehabilitation: plantar pressure and postural load distribution in young adults. *Life*, 15(9), 1354. <https://doi.org/10.3390/life15091354>
 10. Iordan, D. A., **Coman, M.**, Hrisca-Eva, O., Stavrică-George, A., Gherghin, A., & Onu, I. (2025). Enhanced synovial fluid rheology in moderate knee osteoarthritis through combined Intra-Articular Hyaluronic Acid and Multimodal physiotherapy: a monocentric observational study. *Journal of Clinical Medicine*, 14(17), 6051. <https://doi.org/10.3390/jcm14176051>
 11. Iordan, D. A., Tupu, A. E., Onu, I., **Coman, M. G.**, Stan, A. M., Gurau, T. V., Gurau, G., & Musat, C. L. (2025b). Assessment of quality of life and depressive symptoms in adolescent and young adult athletes using SF-36 and PHQ-9: A comparison between team and individual sports. *Balneo and PRM Research Journal*, 16(Vol 16 No. 3), 886. <https://doi.org/10.12680/balneo.2025.886>

II. Articole / studii publicate în extenso în reviste recunoscute de către C.N.C.S.I.S., indexate BDI în 3 baze de date

1. Postelnicu, M. G., & Mihăilă, I. (2018). Study on the improvement of coordinating capabilities at the level of handball teams (junior III). *Journal of Physical Education and Sport*, 2018(5), 2106–2111. DOI: <https://doi.org/10.7752/jpes.2018.s5317>



2. **Postelnicu, M. G.,** Mihăilă, I., & Baștiurea, E. (2020). Identification of predominant motor skills at the level of girls handball teams juniors III. *Ovidius University Annals. Series Physical Education and Sport/ Science, Movement and Health, Constanța, Vol. XX, ISSUE 2*, online 2285-7788, September, 20 (2 Supplement): 323-329.
3. **Postelnicu, M. G.,** Mihăilă, I. (2019). Aspects concerning the development of motor qualities at the level of girlshandball teams juniors III. *Scientific report physical education and sport. Conference proceedings vol. 23(2019) ISSN:1453-1194*. www.sportconference.ro
4. **Postelnicu, M. G.,** & Mihaila, I. (2020). Correlations between the coordinating capacities and the technical parameters at the level of the handball teams (junior iii). *4th International Scientific Conference SEC-IASR 2019*. <https://doi.org/10.18662/lumproc/sec-iasr2019/33>
5. Burlui, R. M., **Postelnicu, M. G.,** Iordan, D. A., (2021). Study on the importance of extracurricular sports activities regarding the development of motor qualities in primary school children. *Bulletin of the Transilvania University of Brasov, Series IX Sciences of Human Kinetics*, Vol. 14(63) (1):141-148. DOI: <https://doi.org/10.31926/but.shk.2021.14.63.1.18>
6. **Postelnicu, M. G.,** & Mihaila, I. (2022). Study on the importance of physical training for junior female handball teams from Romania. *Bulletin of the Transilvania University of Brasov, Series IX Sciences of Human Kinetics*, Vol. 15(64) (No. 1 – 2022): 9-16. DOI: <https://doi.org/10.31926/but.shk.2022.15.64.1.1>
7. Gheorghe, C., Mereuță, C., & **Postelnicu, M. G.** (2022). Methods for evaluating anaerobic effort capacity of athletes. *The Annals of “Dunarea De Jos” University of Galati Fascicle XV Physical Education and Sport Management, 1*, 25–33. <https://doi.org/10.35219/efms.2022.1.03>
8. **Postelnicu, M. G.,** & Gheorghe, C. (2022). Identification the level of development of motor indices at the level of juniors female handball teams. *The Annals of “Dunarea De Jos” University of Galati Fascicle XV Physical Education and Sport Management, 1*, 79–85. <https://doi.org/10.35219/efms.2022.1.06>

