

INFORMAȚII PERSONALE

**BĂDICU GEORGIAN**



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Sexul M | Data nașterii 27/04/1982 | Naționalitatea ROMÂNĂ

LOCUL DE MUNCA

Universitatea Transilvania din Brașov / Facultatea de Educație Fizică și Sporturi Montane

EXPERIENȚA PROFESIONALĂ

2019 – până în prezent

**CONFERENȚIAR UNIVERSITAR**

Universitatea Transilvania din Brașov, Brașov; B-dul Eroilor nr. 29, www.unitbv.ro

- Activitate de predare (Teoria educației fizice și sportului; Metodica educației fizice; Didactica Specialității; Didactica educației fizice și psihomotorii; Educație fizică pe gr. de vârstă; Teoria învățării motrice; Scriere academică; Stagiul de practică pedagogică)
- Învățământ

2016 - 2019

**LECTOR UNIVERSITAR**

Universitatea Transilvania din Brașov, Brașov; B-dul Eroilor nr. 29, www.unitbv.ro

- Activitate de predare (Teoria educației fizice și sportului; Metodica educației fizice; Didactica Specialității; Didactica educației fizice și psihomotorii; Educație fizică pe gr. de vârstă; Teoria învățării motrice; Stagiul de practică pedagogică).
- Învățământ

2015 - 2016

**ASISTENT UNIVERSITAR**

Universitatea Transilvania din Brașov, Brașov; B-dul Eroilor nr. 29, www.unitbv.ro

- Activitate de predare (Teoria educației fizice și sportului; Metodica educației fizice; Didactica Specialității; Didactica educației fizice și psihomotorii; Educație fizică pe gr. de vârstă; Teoria învățării motrice; Stagiul de practică pedagogică).
- Învățământ

2004 - 2012

**PROFESOR**

Liceul cu Program Sportiv Brașov

2004 - 2006

**PROFESOR**

Școala Generală Nr.27 – Brașov

Calitatea	Denumirea și perioada activității	Instituția organizatoare / formatorul
Coordonator de disciplină	Elaborare suport curs, materiale didactice auxiliare, pregătire tutoriale / din anul – prezent: Teoria educației fizice și sportului, Curs pentru anul II, Sem I Metodica educației fizice și sportului, Curs pentru anul II, Sem II	Facultatea de Educație Fizică și Sporturi Montane
Coordonator de	din anul – prezent	Facultatea de .....

program de studii ..... ID/IFR		
Responsabil de platformă pentru programul de studii ..... ID/IFR	din anul – prezent	Facultatea de .Educație Fizică și Sporturi Montane
Participant la instruire în tehnologia ID		

**EDUCAȚIE ȘI FORMARE**

2011 - 2015	Doctor în educație fizică și sport Universitatea Transilvania din Brașov, Brașov, România ▪ Teoria educației fizice, Metodica educației fizice	nivelul EQF, 8
2000 - 2004	Licențiat în educație fizică și sport ▪ Universitatea Transilvania din Brașov ▪ Psihologia educației fizice, Fiziologia educației fizice și sportului / profesor de educație fizică	
1996 - 2000	▪ Diploma de bacalaureat ▪ Liceul Industrial Fieni, profil uman	

**COMPETENTE PERSONALE**

Limba(i) maternă(e)      Limba română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleză	B2	B2	B2	B2	B1
Franceză	B1	B1	A2	A2	B2

Competențe de comunicare

- Abilitatea de a comunica în mod constructiv în diferite medii socio-profesionale;
- Capacitate de toleranță, empatie și înțelegere a diferitelor opinii;
- Capacitatea de gestionare a stresului;
- Capacitate de colaborare, asertivitate și integrabilitate.

Competențe organizaționale/manageriale

- Abilități organizatorice;
- Capacitatea de a conduce și conlucra cu o echipă;
- Capacitatea de luare / superviza decizii;
- Capacitatea de a menține un climat pozitiv, nonconflictual la locul de muncă.

Competențe dobândite la locul de muncă

- Competențe organizatorice dobândite în urma experienței didactice;

Competențe informatice

- Capacitatea de a opera cu Windows XP – Microsoft Office (Word, Excel, Power-point), SPSS, Photosmart Premier, etc - autodidact;

Permis de conducere

- **Categoria B**

## INFORMATII SUPLIMENTARE

Publicații	Cărți publicate – 7
Prezentări	Articole – 160 <b>ISI WOS – 152 cu I.F. și 8 în reviste/vol.conf.indexate ISI</b> <b>Recenzor – 70 reviste de specialitate indexate ISI</b> <b>H-INDEX WOS - 19</b> H-INDEX SCOPUS -20 H-INDEX GOOGLE SCHOLAR – 30
Membru în bordul editorial al revistelor indexate BDI	<b><i>Theory and Methods of the Physical Education</i></b> , decembrie, 2017. <a href="https://tmfv.com.ua/journal/about/editorialTeam">https://tmfv.com.ua/journal/about/editorialTeam</a> <b><i>International Journal of Sports and Physical Education</i></b> , mai, 2018 <a href="https://www.arcjournals.org/international-journal-of-sports-and-physical-education">https://www.arcjournals.org/international-journal-of-sports-and-physical-education</a> <b>Russian Journal of Education and Psychology</b> , 2019 <a href="https://rjep.ru/en/board.html">https://rjep.ru/en/board.html</a> Guest Editor la revista <b><i>Journal of Functional Morphology and Kinesiology</i></b> , Special Issue "The Importance of Physical Activity on Health": <a href="https://www.mdpi.com/journal/jfmk/special_issues/physical_activity_on_health">https://www.mdpi.com/journal/jfmk/special_issues/physical_activity_on_health</a>

Membru în bordul editorial al  
revistelor indexate ISI (WEB OF  
SCIENCE)

**Journal of mHealth and UHealth, Editor, IF 6.2**  
<https://mhealth.jmir.org/about-journal/editorial-board>

**Plos One – Editor, IF 2.6**  
[https://journals.plos.org/plosone/static/editorial-board?ae\\_name=Georgian+Badicu](https://journals.plos.org/plosone/static/editorial-board?ae_name=Georgian+Badicu)

**Nutrients - Editor – 2023 – prezent, IF 5.9**  
[https://www.mdpi.com/journal/nutrients/topic\\_editors/Sport\\_Nutrition](https://www.mdpi.com/journal/nutrients/topic_editors/Sport_Nutrition)

**BMC Sports Science, Medicine, and Rehabilitation, Associate Editor, IF 2.367**  
<https://bmcsportsscimedrehabil.biomedcentral.com/about/editorial-board>

**Heliyon – Associate Editor, IF 3.776**  
<https://www.cell.com/heliyon/clinical-research/editors>

**Frontiers in Nutrition – Topic Editor, I.F 6.57**  
*Special Issue:* "Prevalence of Food Addiction in Childhood Overweight and Obesity"  
<https://www.frontiersin.org/research-topics/39590/prevalence-of-food-addiction-in-childhood-overweight-and-obesity>

**Children – Guest Editor, I.F. 2.86**  
*Special Issue:* "Monitoring and Promoting Physical Activity, Physical Fitness and Motor Competence in Children"  
[https://www.mdpi.com/journal/children/special\\_issues/Physical\\_Motor\\_Competence\\_Children](https://www.mdpi.com/journal/children/special_issues/Physical_Motor_Competence_Children)

**Peer J – Academic Editor:**  
<https://peerj.com/editors/?journal=peerj>

**Journal of Healthcare Engineering – Academic Editor:**  
<https://www.hindawi.com/journals/jhe/editors/>

**Guest Editor** la revista *Journal of Men's Health*, IF.0.789  
*Special Issue:* "The importance of men's physical activity on health in rural areas"  
<https://www.jomh.org/special-issues/1633994104703467520>

**Guest Editor** la revista *Applied Sciences*, IF 2.67  
*Special Issue:* "Physical Activity and Sleep Duration on Health"  
[https://www.mdpi.com/journal/applsci/special\\_issues/Physical\\_Activity\\_and\\_Sleep](https://www.mdpi.com/journal/applsci/special_issues/Physical_Activity_and_Sleep)

**Guest Editor** la revista *Biology*, IF 3.79  
*Special Issue:* "Biological Mechanisms Underlying Physical Fitness and Sports Performance":  
[https://www.mdpi.com/journal/biology/special\\_issues/Bio\\_Fitness\\_Sports](https://www.mdpi.com/journal/biology/special_issues/Bio_Fitness_Sports)

**Pediatric Reports**, Topic Editor - 2021  
[https://www.mdpi.com/journal/pediatrrep/topic\\_editors](https://www.mdpi.com/journal/pediatrrep/topic_editors)

**Physical Activity Review**, septembrie 2018  
<http://www.physactiv.eu/index.php/przykladowa-strona/>.

**Journal of Sport and Health**, ianuarie 2019  
<http://www.journalshr.com/index.php/consejo-editorial>

**Assoc. Editor** la jurnalul **BMC Public Health** – IF.2.52  
secțiunea **Energy balance-related behaviours**:  
<https://bmcpublichealth.biomedcentral.com/about/editorial-board>, 2020.

**Guest Editor** la revista Sustainability - IF.2.57

*Special Issue* :“Physical Activity and Sports Practice In Improving Body Composition and Sustainable Health”:

[https://www.mdpi.com/journal/sustainability/special\\_issues/phy\\_sport\\_health\\_sus](https://www.mdpi.com/journal/sustainability/special_issues/phy_sport_health_sus), 2020.

**Guest Editor** la revista *International Journal of Environmental Research and Public Health*, IF. 2.84

*Special Issue*: “Importance of Physical Activity and Nutrition in Adolescents and Adults”:

[https://www.mdpi.com/journal/ijerph/special\\_issues/PA\\_nutrition](https://www.mdpi.com/journal/ijerph/special_issues/PA_nutrition)

**Guest Editor** la revista *Journal of Men’s Health*, IF.0.25

*Special Issue* :“Physical health - a component of the quality of life (QOL) in men”:

<https://jomh.org/special-issues/1364472025765036032>

## CĂRTI ȘI CAPITOLE ÎN CĂRȚI

1. **Badicu, G.**, Balint L. (2023)- *Teoria Educației Fizice și Sportului*, Editura Universității Transilvania din Brașov, ISBN:978-606-19-1629-0
2. **Badicu, G.**, Balint L. (2023) - *Metodica Educației Fizice și Sportului*, Editura Universității Transilvania din Brașov, ISBN:978-606-19-1630-6
3. **Badicu Georgian**, Ana Filipa Silva, Hugo Miguel Borges Sarmiento (2023) *Monitoring and Promoting Physical Activity, Physical Fitness and Motor Competence in Children* Editura MDPI, Basel, Switzerland, Revista Children, ISBN 978-3-0365-6651-1 (hardback); ISBN 978-3-0365-6650-4 (PDF) 318 pagini.
4. **Badicu, G.**, Filipe Manuel Clemente, Eugenia Murawska-Ciałowicz (2022) *Biological Mechanisms Underlying Physical Fitness and Sports Performance*, , Editura MDPI, Basel, Switzerland, Revista Biology, ISBN 978-3-0365-5724-3 (Hbk); ISBN 978-3-0365-5723-6 (PDF),382 pagini.
5. **Bădicu, G., Campa, Francesco** (2021) *Physical Activity and Sports Practice in Improving Body Composition and Sustainable Health*, Editura MDPI, Basel, Switzerland, Revista Sustainability, ISBN: 978-3-0365-0598-5 (Hbk) ISBN 978-3-0365-0599-2 (PDF), 170 pagini.
6. **Bădicu G.** (2015) *Metodologia proiectării didactice în educația fizică și sportivă*, Editura Universității Transilvania din Brașov, ISBN:978-606-19-0603-1.
7. **Bădicu G.**, Oancea B.M. (2009) *Jocul de fotbal în ciclul primar - aspecte teoretico-metodice privind predarea minifotbalului la clasele I-IV*, Editura Universității Transilvania din Brașov, ISBN: 978-973-598-670-4.

## Articole/studii în extenso, publicate în reviste din fluxul științific internațional

1. (2025) Wasly S. Silva, Felipe J. Aidar, **Georgian Badicu**, Juliana D. Andrade, Patricia F. Sá · José B. Neto, Luca Paolo Ardigò, Jefferson Petto. Inspiratory muscle glycemic threshold in COPD: functional and clinical associations in incremental testing, *Physiology & Behavior*, <https://www.sciencedirect.com/science/article/pii/S0031938425001921?via%3Dihub>, <https://doi.org/10.1016/j.physbeh.2025.114991>
2. (2025) AL-Mhanna SB, Alghannam AF, Alkhamees NH, Sheeha BB, Omar N, Albalawi H, Gülü M, Canli U, Afolabi HA, Abubakar BD, **Badicu G**, Ahmad R, Grivas GV, Batrakoulis A. 2025. Impact of concurrent aerobic and resistance training on body composition, lipid metabolism and physical function in patients with type 2 diabetes and overweight/obesity: a systematic review and meta-analysis. *PeerJ* 13:e19537 <https://doi.org/10.7717/peerj.19537>
3. (2025) González-Fernández, F. T., Clemente, F. M., Castillo-Rodríguez, A., de la Cruz Márquez, J. C., **Badicu, G.**, & Martínez-Aranda, L. M. (2025). Playing for breath: How particulate pollution affects cardiorespiratory performance in youth soccer under the “cleaner air, better game” initiative. *International Journal of Sports Science & Coaching*, 20(4), 1491-1500. <https://doi.org/10.1177/17479541251340485>
4. (2025) Ramezanzade, H., Dinan, P.H., Hoseinpour, M. et al. The effect of selective perceptual-motor games on motor developmental quotient and motor fitness in children with different perceived motor Competence. *Sport Sci Health* (2025). <https://doi.org/10.1007/s11332-025-01402-0>
5. (2025) Aali, S., Rezazadeh, F., Ardigò, L.P. et al. Altered lower extremity muscle activity patterns due to iliopsoas tightness during single-leg landing. *Sci Rep* 15, 9477 (2025). <https://doi.org/10.1038/s41598-025-93905-6>
6. (2025) Ribas, M.R.; Ribas, D.I.R.; Fernandes, P.; **Badicu, G.**; Legnani, E.; Paulo, A.C.; Ardigò, L.P.; Bassan, J.C. Acid–Base and Electrolyte Balance Responses in the Performance of Female Ultramarathon Runners in a 45 km Mountain Race. *Nutrients* 2025, 17, 751. <https://doi.org/10.3390/nu17050751>

7. (2025) Tanveer M, Asghar E, **Badicu G**, Batrakoulis A, Tanveer U, Brand S, et al. (2025) Effectiveness of a school-based physical activity intervention on overweight and obesity among children and adolescents in Pakistan. *PLoS ONE* 20(2): e0317534. <https://doi.org/10.1371/journal.pone.0317534>
8. (2025) Slimi O, Muscella A, Marsigliante S, Bahloul M, **Badicu G**, Alghannam AF and Yagin FH (2025) Optimizing athletic engagement and performance of obese students: an adaptive approach through basketball in physical education. *Front. Sports Act. Living* 6:1448784. doi: 10.3389/fspor.2024.1448784
9. (2025) Taghi MM, Aghdai M, Farsi A, **Badicu G**, de Sousa Fernandes MS, Yagin FH, Ardigò LP. The Effect of Task Cognitive Difficulty on Perceptual-Cognitive Indicators: Evidence on the Relationship Between Challenge Point Framework (CPF) and Cognitive Development in Table Tennis Beginners. *J Multidiscip Healthc.* 2025;18:407-419 <https://doi.org/10.2147/JMDH.S472671>
10. (2025) Silva RM, Ferreira J, **Badicu G**, Muracki J, Pozarowszczyk-Kuczko B, Kawczynski A. The role of age, experience, and physical fitness in technical performance in karate: An observational analysis. *Balt J Health Phys Act.* 2025;17(1): Article7. DOI: 10.29359/BJHPA.17.1.07
11. (2025) Melguizo-Ibáñez, E., González-Valero, G., **Badicu, G.** et al. Relationship between motivational climate, anxiety and average mark in pre-service physical education teachers: a cross-sectional study based on structural equation modelling approach. *BMC Med Educ* 25, 55 (2025). <https://doi.org/10.1186/s12909-025-06646-5>
12. (2025) Tanveer M, Batrakoulis A, Asghar E, Tanveer U, Roy N, Souissi MA, Ardigò LP, **Georgian Badicu** Associations of Parental Support and Involvement in Sports with Overweight and Obesity among Children and Adolescents in Pakistan: An Empirical Cross-Sectional Study. *Phys Act Rev* 2025; 13(1): 35-47. doi: 10.16926/par.2025.13.04
13. (2024) Ghorbanzadeh B, Kirazci S and **Badicu G**. Comparison of the effect of teaching games for understanding, sport education, combined and linear pedagogy on motor proficiency of children with developmental coordination disorder. *Front. Psychol.* I.F.2.6, 15:1385289. doi: 10.3389/fpsyg.2024.1385289
14. (2024) Yasul Y, Akçınar F, Yasul ME, Kurtoglu A, Eken Ö, **Badicu G**, et al. Effects of short-term pre-competition weight loss on certain physiological parameters and strength change in elite boxers. *PLoS ONE*, I.F.2.9, 19(5): e0304267. <https://doi.org/10.1371/journal.pone.0304267>
15. (2024) Mohammadi Nia Samakosh, H., Oliveira, R., Shahabi, S., Sarvarifar, B., Moddares Gorji, S., Amir Khanloo, A., **Badicu, G.**, Hilal Yagin, F., & F. Alghannam, A. Effects of High-intensity Training and Electrical Stimulation on Pain, Disability, Knee Kinematics and Performance in Patellofemoral Pain: A Randomized Controlled Trial. *Retos*, I.F.1.2, 978–991. <https://doi.org/10.47197/retos.v55.105913>
16. (2024) ALMhanna, Sameer Badri, Batrakoulis, Alexios, Hofmeister, Martin, Drenowatz, Clemens, Ghazali, Wan Syaheedah Wan, **Badicu, Georgian**, Afolabi, Hafeez, Abiola, Gülü, Mehmet, Wada, Yusuf, Aldhahi, Moniral., Nikolaidis, Pantelis T., Psychop hysiological Adaptations to Exercise Training in COVID-19 Patients: A Systematic Review, *BioMed Research International*, I.F.2.6, 3325321, 20pages, 2024. <https://doi.org/10.1155/2024/3325321>
17. (2024) Wen, X., Silva, R., Xu, Q., González-Fernández, F. T., Filipa Silva, A., & **Badicu, G.** et al. (2024). Current practices in physical fitness assessment and monitoring among coaches of individual and team sports: a survey in Portugal, Spain, and Romania. *Biology of Sport*, I.F. 4.2, 41(4), 219-230. <https://doi.org/10.5114/biolsport.2024.139074>
18. (2024) Ramos TL, de Sousa Fernandes MS, da Silva Fidélis DE, Jurema Santos GC, Albuquerque RB, Ferreira DJS, de Souza RF, **Badicu G**, Yagin FH, Yagin B, Alwhaibi RM, Souto FO and Lagranha CJ. The impact of enriched environments on cerebral oxidative balance in rodents: a systematic review of environmental variability effects. *Front. Neurosci.* I.F. 4.3, 18:1366747. doi: 10.3389/fnins.2024.1366747
19. (2024) dos Santos, L., Aidar, F.J., Nobari, H. et al. Kinematic analysis of asymmetry after strength training session in paralympic powerlifters. *Sport Sci Health*, I.F 1.5., <https://doi.org/10.1007/s11332-024-01175-y>
20. (2024) Fathirezaie, Z., **Badicu, G.**, Yagin, F.H. et al. Personality and motivation of physical activity in adolescent girls: effects of perceived parental support and social physical anxiety. *BMC Public Health*, I.F. 4.5., 799. <https://doi.org/10.1186/s12889-024-18060-5>
21. (2024) Rodrigues, Abílio Manoel do Nascimento, Aidar, Felipe J., Márcio Getirana-Mota, Túlio Banja, **Georgian Badicu, Hadi Nobari**, Santos, Jymmys Lopes dos, Paulo Francisco de Almeida-Neto, Cabral, Breno Guilherme de Araújo Tinoco, Garrido, Nuno Domingos, Santos, Taísa Pereira, Raphael Fabrício de Souza, Reis, Victor Machado, Ciro José Brito, Lucio Marques Vieira-Souza. Does the 2d:4d ratio present a relationship with static strength indicators in elite paralympic powerlifting? Presenta la relación 2d: ¿4d una relación con los indicadores de fuerza estática en el levantamiento de pesas paralímpico de élite? *Retos* I.F.1.3, <https://recyt.fecyt.es/index.php/retos/index>
22. (2024) Ogallar-Blanco AI, García-Mármol E, Clemente FM, **Badicu G**, Liñán-González A and González-Fernández FT (2024) Differences between U23 and older semi-professional soccer players in perfectionism and passion: exploring determinant relationship between variables. *Front. Psychol.* I.F. 3.8 14:1230035. doi: 10.3389/fpsyg.2023.1230035
23. (2024) Bulgay, C.; Çakır, V.O.; Kazan, H.H.; Ergün, M.A.; **Badicu, G.**; Ardigò, L.P. The *AMPD1* Gene's rs17602729 Polymorphism and Athletic Performance in Track and Field Athletes. *Appl. Sci.* IF 2.7, 14, 891. <https://doi.org/10.3390/app14020891>
24. (2024) Ghazwa Ben Maaouia, Özgür Eken, Fatma Hilal Yagin, **Georgian Badicu**, Sameer Badri Al-mhanna, Luca Paolo Ardigò, Nizar Souissi. Effects of conditioning activities and time of day on male elite football players. *Journal of Men's Health*. IF 0.7. 19(12);31-43. <https://www.jomh.org/articles/10.22514/jomh.2023.127>
25. (2023) Badicu, G., Zamani Sani, S.H., Fathirezaie, Z. et al. Does body mass index distinguish motor proficiency, social and emotional maturity among adolescent girls?. *BMC Pediatr* 23, 618 IF 2.4. <https://doi.org/10.1186/s12887-023-04443-x>
26. (2023) Al-Mhanna, S.B., Rocha-Rodriguesc, S., Mohamed, M. et al. Effects of combined aerobic exercise and diet on cardiometabolic health in patients with obesity and type 2 diabetes: a systematic review and meta-analysis. *BMC Sports Sci Med Rehabil* 15, 165 I.F 1.9., <https://doi.org/10.1186/s13102-023-00766-5>

27. (2023) de Sousa Fernandes, M.S., Gomes, J.M., Aidar, F.J. *et al.* Impacts of different triathlon races on systemic cytokine profile and metabolic parameters in healthy individuals: a systematic review. *BMC Sports Sci Med Rehabil* **I.F 1.9**, 147 (2023). <https://doi.org/10.1186/s13102-023-00763-8>
28. (2023) Melguizo-Ibáñez E, Zurita-Ortega F, Ubago-Jiménez JL, **Badicu G**, Yagin FH, González-Valero G, Ardigò LP and Puertas-Molero P (2023) Are there differences between Mediterranean diet and the consumption of harmful substances on quality of life?—an explanatory model in secondary education regarding gender. *Front. Nutr.* IF 5 10:1283195. Doi: 10.3389/fnut.2023.1283195
29. (2023) George Danuț Mocanu, Gabriel Murariu, Georgian Badicu. Variations of explosive strength for the students of the faculty of physical education and sports depending on the type of sports activities. *Journal of Men's Health.* IF 0.7. 19(10):43-55. <https://www.jomh.org/articles/10.22514/jomh.2023.099>
30. (2023) dos Santos Silva, D., Boulosa, D., Moura Pereira, E.V. *et al.* Post-activation performance enhancement effect of drop jump on long jump performance during competition. *Sci Rep* **IF 4.6**, 16993, <https://doi.org/10.1038/s41598-023-44075-w>
31. (2023) Jainara Lima Menezes, Felipe J. Aidar, Francesco Fischetti, **Georgian Badicu**, Márcio Getirana-Mota, Gabriel González-Valero, Filipe Manuel Clemente, Stefania Cataldi, Gianpiero Greco. Effect of Acute Caffeine Supplementation on Dynamic Force Indicators at Different Training Moments in Paralympic Powerlifting. *Journal of Biological Regulators and Homeostatic Agents*. IF. 3.20, 37(9): 4571-4579 <https://doi.org/10.23812/j.biolog.regul.homeost.agents.20233709.446>
32. (2023) Bulgay, C., Cepicka, L., Dalip, M. *et al.* The relationships between ACTN3 rs1815739 and PPARA-α rs4253778 gene polymorphisms and athletic performance characteristics in professional soccer players. *BMC Sports Sci Med Rehabil* **15**, 121, IF. 1.9., <https://doi.org/10.1186/s13102-023-00733-0>
33. (2023) Yagin FH, Hasan UC, Clemente FM, Eken O, **Badicu G**, Gulu M. Using machine learning to determine the positions of professional soccer players in terms of biomechanical variables. *Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology.* 2023;0(0). IF 1.5., doi:[10.1177/17543371231199814](https://doi.org/10.1177/17543371231199814)
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02.03.2026

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