



UNIVERSITATEA ALEXANDRU IOAN CUZA din IAȘI

FACULTATEA DE BIOLOGIE

Conf. univ. dr. Munteanu Constantin

**FIȘĂ DE VERIFICARE A ÎNDEPLINIRII
STANDARDELOR MINIMALE CNATDCU**

Criterii de îndeplinit - stabilite de comisia Biologie și Biochimie din cadrul CNATDCU conform OM 6129 din 20 decembrie 2016		Grad de realizare
A. CONDIȚII PRELIMINARE OBLIGATORII		
1.	Calificarea profesională: titlul de Doctor în specialitatea Biologie Diplomă de doctor Seria G, nr. 0005456 /2010 anul , eliberată de in baza Ordinului MECI nr. 4226 din 15.06.2010 de Universitatea din Bucuresti, Facultatea de Biologie, cu distincția CUM LAUDE.	Criteriu realizat
2.	Articole științifice ca autor principal: minimum 4 articole în reviste cotate ISI cu AIS cumulat mai mare sau egal cu 4 (pe toată perioada activității), din care 2 articole cu AIS de cel puțin 0,3 în ultimii 5 ani; 1. Munteanu, C.; Onose, G.; Rotariu, M.; Poștaru, M.; Turnea, M.; Galaction, A.I. Role of Microbiota-Derived Hydrogen Sulfide (H2S) in Modulating the Gut–Brain Axis: Implications for Alzheimer’s and Parkinson’s Disease Pathogenesis. Biomedicines 2024, 12, 2670., IF: 3.9, AIS: 0,809 https://doi.org/10.3390/biomedicines12122670 2. Calin MA, Manea D, Parasca SV, Popescu C, Ionescu EV, Munteanu C. Hyperspectral imaging reveals that sapropelic mud therapy may improve local tissue oxygenation in elderly. Int J Biometeorol. 2024 Dec 5. doi: 10.1007/s00484-024-02838-8. Journal Impact Factor (IF): 3, AIS: 0,680 https://link.springer.com/article/10.1007/s00484-024-02838-8 3. Munteanu, C.; Onose, G.; Poștaru, M.; Turnea, M.; Rotariu, M.; Galaction, A.I. Hydrogen Sulfide and Gut Microbiota: Their Synergistic Role in Modulating Sirtuin Activity and Potential Therapeutic Implications for Neurodegenerative Diseases. Pharmaceuticals 2024, 17, 1480., IF: 4.3, AIS: 0,8 https://doi.org/10.3390/ph17111480 4. Munteanu, C.; Popescu, C.; Vlădulescu-Trandafir, A.-I.; Onose, G. Signaling Paradigms of H2S-Induced Vasodilation: A Comprehensive Review. Antioxidants 2024, 13, 1158., IF: 6.0, AIS: 1,012 https://doi.org/10.3390/antiox13101158 5. Popescu, C.; Munteanu, C. (corresp.); Anghelescu, A.; Ciobanu, V.; Spînu, A.; Andone, I.; Mandu, M.; Bistriceanu, R.; Băilă, M.; Postoiu, R.-L.; et al. Novelties on Neuroinflammation in Alzheimer’s Disease–Focus on Gut and Oral Microbiota Involvement. Int. J. Mol. Sci. 2024, 25, 11272., IF: 4.9, AIS: 1,055 https://doi.org/10.3390/ijms252011272	Criteriu realizat: 35 articole AIS cumulat: 23,776



6. Vlădulescu-Trandafir, A.-I.; Bojincă, V.-C.; Munteanu, C. (corresp.); Anghelescu, A.; Popescu, C.; Stoica, S.-I.; Aurelian, S.; Bălănescu, A.; Băetu, C.; Ciobanu, V.; et al. Rheumatoid Arthritis and COVID-19 at the Intersection of Immunology and Infectious Diseases: A Related PRISMA Systematic Literature Review. *Int. J. Mol. Sci.* 2024, 25, 11149., IF: 4.9, AIS: 1,055 <https://doi.org/10.3390/ijms252011149>
7. Munteanu C, Galaction AI, Poștaru M, Rotariu M, Turnea M, Blendea CD. Hydrogen Sulfide Modulation of Matrix Metalloproteinases and CD147/EMMPRIN: Mechanistic Pathways and Impact on Atherosclerosis Progression. *Biomedicines*. 2024; 12(9):1951, IF: 3.9, AIS: 0,809 <https://doi.org/10.3390/biomedicines12091951>
8. Munteanu C, Galaction AI, Turnea M, Blendea CD, Rotariu M, Poștaru M. Redox Homeostasis, Gut Microbiota, and Epigenetics in Neurodegenerative Diseases: A Systematic Review. *Antioxidants*. 2024; 13(9):1062, IF: 6.0, AIS: 1,012 <https://doi.org/10.3390/antiox13091062>
9. Vlădulescu-Trandafir, A.-I.; Onose, G.; Munteanu, C. (corresp.); Iancu, I.; Bălănescu, A.-R.; Opriș-Belinski, D.; Berghea, F.; Prefac, C.; Grădinaru, E.; Aurelian, S.; et al. Unraveling the Impact of COVID-19 on Rheumatoid Arthritis: Insights from Two Romanian Hospitals—Preliminary Results. *Biomedicines* 2024, 12, 2145., IF: 3.9, AIS: 0,809 <https://doi.org/10.3390/biomedicines12092145>
10. Munteanu, Constantin; Popescu, Cristina; Munteanu, Diana; Hoteteu, Mihail; Iliescu, Madalina Gabriela; Ionescu, Elena Valentina; Stanciu, Liliana; Oprea, Doinita; Minea, Mihaela; Oprea, Carmen et al. - Biological Evaluation of Balneotherapeutic Mud and Sulfurous Mineral Waters: Insights from In Vivo and In Vitro Studies, *Balneo and PRM Research Journal* 2024 | Journal article DOI: 10.12680/BALNEO.2024.702, WOSUID: WOS:001268347000027, IF: 0.7, AIS: 0,051 <http://bioclima.ro/Balneo702.pdf>
11. Munteanu, Constantin; Hoteteu, Mihail; Munteanu, Diana; Onose, Gelu - The effects of Mineral Waters from Slănic Moldova's Spring 1 and Spring 1 bis on Fibroblast activity: An In Vitro Study, *Balneo and PRM Research Journal*, 2023 | Journal article, DOI: 10.12680/BALNEO.2023.591, WOS:001156405200011, IF: 0.7, AIS: 0,051 <http://bioclima.ro/Balneo591.pdf>
12. Munteanu, Constantin; Hoteteu, Mihail; Munteanu, Diana; Onose, Gelu - Mineral waters from Spring 1 and Spring 1 bis from Slănic Moldova- molecular mechanisms responsible for triggering the prophylactic and therapeutic effects, *Balneo and PRM Research Journal*, 2023 | Journal article, DOI: 10.12680/BALNEO.2023.592, WOSUID: WOS:001156405200020, IF: 0.7, AIS: 0,051 <http://bioclima.ro/Balneo592.pdf>
13. Aurelian, S.; Ciobanu, A.; Cărare, R.; Stoica, S.-I.; Anghelescu, A.; Ciobanu, V.; Onose, G.; Munteanu, C. (Corresp. author); Popescu, C.; Andone, I.; et al. Topical Cellular/Tissue and Molecular Aspects Regarding Nonpharmacological Interventions in Alzheimer's Disease—A Systematic Review. *Int. J. Mol. Sci.* 2023, 24, 16533, IF: 4.9, AIS: 1,055 <https://doi.org/10.3390/ijms242216533>



14. Munteanu, C.; Iordan, D.A.; Hoteteu, M.; Popescu, C.; Postoiu, R.; Onu, I.; Onose, G. Mechanistic Intimate Insights into the Role of Hydrogen Sulfide in Alzheimer's Disease: A Recent Systematic Review. *Int. J. Mol. Sci.* 2023, 24, 15481. IF: 4.9, AIS: 1,055 <https://doi.org/10.3390/ijms242015481>
15. Munteanu C, Turnea MA, Rotariu M. Hydrogen Sulfide: An Emerging Regulator of Oxidative Stress and Cellular Homeostasis—A Comprehensive One-Year Review. *Antioxidants*. 2023; 12(9):1737. IF: 6.0, AIS: 1,012 <https://doi.org/10.3390/antiox12091737>
16. Dogaru BG, Munteanu C. The Role of Hydrogen Sulfide (H₂S) in Epigenetic Regulation of Neurodegenerative Diseases: A Systematic Review. *International Journal of Molecular Sciences*. 2023; 24(16):12555. IF: 4.9, AIS: 1,055 <https://doi.org/10.3390/ijms241612555>
17. Pop MS, Cheregi DC, Onose G, Munteanu C (Corresp. Author), Popescu C, Rotariu M, Turnea M-A, Dogaru G, Ionescu EV, Oprea D, et al. Exploring the Potential Benefits of Natural Calcium-Rich Mineral Waters for Health and Wellness: A Systematic Review. *Nutrients*. 2023; 15(14):3126. , IF: 4.8, AIS: 1.116 <https://doi.org/10.3390/nu15143126>
18. Munteanu, Constantin; Onose, Gelu; Turnea, Marius-Alexandru; Rotariu, Mariana - Cellular and Molecular Homeostatic Microenvironmental imbalances in Osteoarthritis and Rheumatoid Arthritis, *Balneo and PRM Research Journal*, 2023 | Journal article, DOI: 10.12680/BALNEO.2023.564, WOSUID: WOS:001028799100005, IF: 0.7, AIS: 0,051 <http://bioclima.ro/Balneo564.pdf>
19. Munteanu, Constantin; Calin, Mihaela Antonina; Manea, Dragos; Popescu, Cristina; Iliescu, Madalina; Ionescu, Elena Valentina; Stanciu, Liliana; Minea, Mihaela; Oprea, Carmen; Oprea, Doinita et al. - Current data regarding homeostasis of tissues oxygenation in pathophysiological and therapeutic circumstances, *Balneo and PRM Research Journal*, 2023 | Journal article, DOI: 10.12680/BALNEO.2023.565, WOSUID: WOS:001028799100019, IF: 0.7, AIS: 0,051 <http://bioclima.ro/Balneo565.pdf>
20. Anghelescu A, Firan FC, Onose G, Munteanu C (Corresp. author), Trandafir A-I, Ciobanu I, Gheorghita Ș, Ciobanu V. -PRISMA Systematic Literature Review, including with Meta-Analysis vs. Chatbot/GPT (AI) regarding Current Scientific Data on the Main Effects of the Calf Blood Deproteinized Hemoderivative Medicine (Actovegin) in Ischemic Stroke. *Biomedicines*. 2023; 11(6):1623., IF: 6.081, AIS: 0,8, <https://doi.org/10.3390/biomedicines11061623>
21. Munteanu C. Hydrogen Sulfide and Oxygen Homeostasis in Atherosclerosis: A Systematic Review from Molecular Biology to Therapeutic Perspectives. *International Journal of Molecular Sciences*. 2023; 24(9):8376, IF: 6.208, AIS: 1.055 <https://doi.org/10.3390/ijms24098376>
22. Stoica, S.I.; Onose, G.; Pitica, I.M.; Neagu, A.I.; Ion, G.; Matei, L.; Dragu, L.D.; Radu, L.-E.; Chivu-Economescu, M.; Necula, L.G.; Anghelescu, A.; Diaconu, C.C.; Munteanu, C. (Corresp. author); Bleotu, C. - Molecular Aspects of Hypoxic Stress Effects in Chronic Ethanol Exposure of Neuronal Cells. *Curr. Issues Mol. Biol.* 2023, 45, 1655-1680, IF 2,976, AIS: 0.556 <https://doi.org/10.3390/cimb45020107>



23. Onose G, Angheliescu A, Ionescu A, Tataranu LG, Spînu A, Bumbea AM, Toader C, Tuță S, Carare RO, Popescu C, Munteanu C. (Corresp. author), Collaborative Working Group, and Daia C - Translation of the Fugl-Meyer assessment into Romanian: Transcultural and semantic-linguistic adaptations and clinical validation. *Front. Neurol.* 2023, 13:1022546. doi: 10.3389/fneur.2022.1022546, IF 4,086, AIS 0,931
<https://www.frontiersin.org/articles/10.3389/fneur.2022.1022546/full#h12>
24. Munteanu, C.; Rotariu, M.; Turnea, M.; Tătăranu, L.G.; Dogaru, G.; Popescu, C.; Spînu, A.; Andone, I.; Ionescu, E.V.; Țucmeanu, R.E.; Oprea, C.; Țucmeanu, A.; Cseppento, C.N.; Silișteanu, S.C.; Onose, G. - Lithium Biological Action Mechanisms after Ischemic Stroke. *Life* 2022, 12, 1680. , IF 3,2, AIS: 0,601,
25. Onose Gelu, Angheliescu Aurelian, Blendea Dan, Ciobanu Vlad, Firan Carmen Florentina, Daia Cristina, Oprea Mihaela, Spinu Aura, Popescu Cristina, Ionescu Anca, Busnatu Ștefan and **Munteanu Constantin**. - *Cellular and Molecular Targets for Non-Invasive, Non-Pharmacological Therapeutic/Rehabilitative Interventions in Acute Ischemic Stroke. International Journal of Molecular Sciences.* 2022; 23(2):907, IF: 5,6, AIS: 1,03
<https://doi.org/10.3390/ijms23020907>
26. Munteanu, C.; Rotariu, M.; Turnea, M.; Ionescu, A.M.; Popescu, C.; Spinu, A.; Ionescu, E.V.; Oprea, C.; Țucmeanu, R.E.; Tătăranu, L.G.; Silișteanu, S.C.; Onose, G. - Main Cations and Cellular Biology of Traumatic Spinal Cord Injury. *Cells* 2022, 11, 2503., IF 7,666, AIS: 1.275
<https://doi.org/10.3390/cells11162503>
27. Munteanu, C.; Rotariu, M.; Turnea, M.-A.; Angheliescu, A.; Albadi, I.; Dogaru, G.; Silișteanu, S.C.; Ionescu, E.V.; Firan, F.C.; Ionescu, A.M.; Oprea, C.; Onose, G. - Topical Reappraisal of Molecular Pharmacological Approaches to Endothelial Dysfunction in Diabetes Mellitus Angiopathy. *Curr. Issues Mol. Biol.* 2022, 44, 3378-3397 , IF 2,976, AIS: 0.622.
<https://doi.org/10.3390/cimb44080233>
28. Simona Isabelle Stoica Gelu Onose Mihail Hoteteu Constantin Munteanu - Effects of ethanol and deferoxamine on rat primary glial cell cultures, in regard with ischemia induced by traumatic spinal cord injury. *Balneo and PRM Research Journal*, DOI: 10.12680/BALNEO.2022.502, IF: 0.7, AIS: 0,051,
<http://bioclima.ro/Balneo502.pdf>
29. Munteanu, C.; Rotariu, M.; Turnea, M.; Dogaru, G.; Popescu, C.; Spînu, A.; Andone, I.; Postoiu, R.; Ionescu, E.V.; Oprea, C.; Albadi, I.; Onose, G. Recent Advances in Molecular Research on Hydrogen Sulfide (H₂S) Role in Diabetes Mellitus (DM)—A Systematic Review. *Int. J. Mol. Sci.* 2022, 23, 6720, Impact Factor: 6.208, AIS: 1.03, <https://doi.org/10.3390/ijms23126720>
30. Angheliescu, A.; Onose, G.; Popescu, C.; Băilă, M.; Stoica, S.I.; Postoiu, R.; Brumă, E.; Petcu, I.R.; Ciobanu, V. and Munteanu, C. - Parkinson's Disease and SARS-CoV-2 Infection: Particularities of Molecular and Cellular Mechanisms Regarding Pathogenesis and Treatment. *Biomedicines* 2022, 10, 1000, IF: 6.081, AIS: 1.0, doi: <https://doi.org/10.3390/biomedicines10051000>



	31. Stoica, S.I.; Bleotu, C.; Ciobanu, V.; Ionescu, A.M.; Albadi, I.; Onose, G.; Munteanu, C. - Considerations about Hypoxic Changes in Neuraxis Tissue Injuries and Recovery. Biomedicines 2022, 10, 481., IF: 6.08, AIS: 1.0 doi: https://doi.org/10.3390/biomedicines10020481 32. Cristina Daia, MUNTEANU Constantin, Ioana Andone, Aura Spinu, Cristina Popescu, Corneliu Toader, Gelu Onose. - Polydipsia-polyuria syndrome associated with traumatic spinal cord injury. Signa Vitae. 2021, IF: 0,6, AIS: 0.104doi:10.22514/sv.2021.104. https://oss.signavitae.com/mre-signavitae/article/20211108-653/pdf/SV2021032303.pdf 33. Munteanu Constantin, TEOIBAS-SERBAN Drotea, IORDACHE Liviu, BALAUREA Mariana, BLENDEA Corneliu-Dan - Water intake meets the Water from inside the human body – physiological, cultural, and health perspectives - Synthetic and Systematic literature review, - Balneo and PRM Research Journal. 2021;12(3):196-209, DOI 10.12680/balneo.2021.439, IF: 1.5, AIS: 0,044, http://bioclima.ro/Balneo439.pdf 34. Munteanu Constantin, Dogaru Gabriela, Rotariu Mariana, Onose Gelu - Therapeutic gases used in balneotherapy and rehabilitation medicine - scientific relevance in the last ten years (2011 – 2020) - Synthetic literature review, Balneo and PRM Research Journal. 2021;12(2):111-122, DOI 10.12680/balneo.2021.430, IF: 1.5, AIS: 0,044, http://bioclima.ro/Balneo430.pdf 35. MUNTEANU Constantin, Rotariu Mariana, Dogaru Gabriela, Ionescu Elena Valentina, Ciobanu Vlad, Onose Gelu - Mud therapy and rehabilitation - scientific relevance in the last six years (2015 – 2020) Systematic literature review and meta-analysis based on the PRISMA paradigm, , Balneo and PRM Research Journal. 2021;12(1):1-15, DOI 10.12680/balneo.2021.411, IF: 1.5, AIS: 0,044, http://bioclima.ro/Balneo411.pdf Total articole; 34, AIS cumulativ:	
3.	Coordonare proiecte de cercetare obținute prin competiție națională sau internațională: minimum două granturi naționale de cercetare în calitate de director (sau responsabil de proiect în cazul parteneriatelor) sau unul național (în calitate de director) și unul internațional (în calitate de responsabil național); nu se iau în considerare granturi finanțate de propria instituție, granturi pentru participare la congrese, granturi de cercetare din finanțarea de bază de ex. programul Nucleu. Proiect de cercetare 1: Titlul proiectului: METODA COMBINATA BAZATA PE IMAGISTICĂ HIPERSPECTRALA ȘI INVESTIGAȚII BIOLOGICE DE EVALUARE A EFECTELOR UNOR FACTORI NATURALI TERAPEUTICI ÎN AFECȚIUNI DIN SFERA PATOLOGIEI NEURO-MIO-ARTRO-KINETICE [BIOHIS], 649PED din 24/06/2022, (PN-III-P2-2.1-PED-2021-2146) – Director de proiect Proiect de cercetare 2: Titlul proiectului: „Corelație între impactul sistemic al apelor minerale bogate în litiu și modificările moleculare induse celulelor gliale in vitro” – Finanțare: Buget de stat – Ministerul Educației și Cercetării, PNCDI, Programul VIASAN,	Criteriu realizat: 2 granturi naționale de cercetare în calitate de director de proiect



	Autoritatea contractantă Academia de Științe Medicale (ASM) , Contract de finanțare pentru execuție proiecte nr. 222/7 iulie 2003 Director de proiect; Alte Proiecte de cercetare – în calitate de membru al echipei Coordonator activitate experimentală Proiect „Studiul la nivel celular și molecular al efectelor radiației laser asupra celulelor normale și patologie” – Programul VIASAN 17/09/2004 – 18/06/2006 Coordonator activitate experimentală Proiect „Mecanisme de protecție hormonală a cardiomiocitelor supuse stressului oxidativ” – Programul VIASAN 01/12/2004 – 30/10/2006 Coordonator activitate experimentală Proiect „Studii in vitro privind mecanismul fibrogenzei induse de citotoxicitatea metalelor” - Programul CERES 01/10/2008 - 30/10/2011 Coordonator activitate experimentală Proiect Studiu complex medico-biologic în vederea utilizării inovative a factorilor potențial terapeutici din salină și peșteră în sănătate și turism balneoclimatic; soluții de modelare a acestora, Program PARTENERIATE 14/09/2007 – 30/10/2009 Responsabil de contract, Modernizarea infrastructurii de cercetare în vederea testării capacității terapeutice a factorilor naturali din stațiuni balneare prin studii imunologice, de biologie celulară și fiziologice realizate de laboratoare specializate ale Institutului Național de Recuperare, Medicină Fizică și Balneoclimatologie, CAPACITATI, contract nr.34/2007, Proiect finantat de ANCS PROIECTE FONDURI EUROPENE 15/10/2014 –31/12/2015 Manager proiect - Proiect european POSDRU 145923: „Dezvoltarea economiei sociale prin valorificarea potențialului balnear”, Asociația Română de Balneologie 15.02.2018 – 15.02.2021 Manager proiect - Proiect european POCU 112863, „FORTIN pentru Satu Nou, Mircea Voda - transformarea unei comunități marginalizate într-o comunitate prospera”, Asociația Forța Tinerilor FORTIN PROIECTE CERCETARE DIN FONDURI EUROPENE 01.05.2023 – 30.04.2027 – 48 luni, Team member - STRATIF-AI - CONTINUOUS STRATIFICATION FOR IMPROVED PREVENTION, TREATMENT, AND REHABILITATION OF STROKE PATIENTS USING DIGITAL TWINS AND AI- Proiectul European 101080875 - STRATIF-AI, finanțare aprobată, durata 48 luni	
B. CRITERII ȘI STANDARDE MINIMALE		
B.1.	Evaluarea activității de cercetare	
	Recunoaștere internațională (min. 150): punctaj total realizat: <u>772,87</u>	Criteriu realizat
	Performanță totală (min. 250): punctaj total realizat: <u>1470,27</u>	Criteriu realizat

**B. CRITERII ȘI STANDARDE MINIMALE****B.1. Evaluarea activității de cercetare****1. Articole în reviste cotate ISI, ca autor principal****Formula: $1 \times [4 + (7 \times AI1) + c1] + 1 \times [4 + (7 \times AI2) + c2] + \dots + 1 \times [4 + (7 \times AIN) + cN]$**

Nr. crt.	Denumire articol	AI	C	Punctaj
A1	Munteanu, C. ; Onose, G.; Rotariu, M.; Poștaru, M.; Turnea, M.; Galaction, A.I. Role of Microbiota-Derived Hydrogen Sulfide (H ₂ S) in Modulating the Gut–Brain Axis: Implications for Alzheimer’s and Parkinson’s Disease Pathogenesis. Biomedicines 2024, 12, 2670., IF: 3.9, AIS: 0,809 https://doi.org/10.3390/biomedicines12122670	0,809	0	9,663
A2	Calin MA, Manea D, Parasca SV, Popescu C, Ionescu EV, Munteanu C. Hyperspectral imaging reveals that sapropelic mud therapy may improve local tissue oxygenation in elderly. Int J Biometeorol. 2024 Dec 5. doi: 10.1007/s00484-024-02838-8. Journal Impact Factor (IF): 3, AIS: 0,680 https://link.springer.com/article/10.1007/s00484-024-02838-8	0,68	0	8,76
A3	Munteanu, C. ; Onose, G.; Poștaru, M.; Turnea, M.; Rotariu, M.; Galaction, A.I. Hydrogen Sulfide and Gut Microbiota: Their Synergistic Role in Modulating Sirtuin Activity and Potential Therapeutic Implications for Neurodegenerative Diseases. Pharmaceuticals 2024, 17, 1480., IF: 4.3, AIS: 0,8 https://doi.org/10.3390/ph17111480	0,8	0	9,6
A4	Munteanu, C. ; Popescu, C.; Vlădulescu-Trandafir, A.-I.; Onose, G. Signaling Paradigms of H ₂ S-Induced Vasodilation: A Comprehensive Review. Antioxidants 2024, 13, 1158., IF: 6.0, AIS: 1,012 https://doi.org/10.3390/antiox13101158	1,012	3	14,084
A5	Popescu, C.; Munteanu, C. (corresp.) ; Angheliescu, A.; Ciobanu, V.; Spînu, A.; Andone, I.; Mandu, M.; Bistriceanu, R.; Băilă, M.; Postoiu, R.-L.; et al. Novelities on Neuroinflammation in Alzheimer’s Disease–Focus on Gut and Oral Microbiota Involvement. Int. J. Mol. Sci. 2024, 25, 11272., IF: 4.9, AIS: 1,055 https://doi.org/10.3390/ijms252011272	1,055	2	13,385
A6	Vlădulescu-Trandafir, A.-I.; Bojincă, V.-C.; Munteanu, C. (corresp.) ; Angheliescu, A.; Popescu, C.; Stoica, S.-I.; Aurelian, S.; Bălănescu, A.; Băetu, C.; Ciobanu, V.; et al. Rheumatoid Arthritis and COVID-19 at the Intersection of Immunology and Infectious Diseases: A Related PRISMA Systematic Literature Review. Int. J. Mol. Sci. 2024, 25, 11149., IF: 4.9, AIS: 1,055 https://doi.org/10.3390/ijms252011149	1,055	2	13,385
A7	Munteanu C. , Galaction AI, Poștaru M, Rotariu M, Turnea M, Blendea CD. Hydrogen Sulfide Modulation of Matrix Metalloproteinases and CD147/EMMPRIN: Mechanistic Pathways and Impact on Atherosclerosis Progression. Biomedicines. 2024; 12(9):1951, IF: 3.9, AIS: 0,809 https://doi.org/10.3390/biomedicines12091951	0,809	1	10,663
A8	Munteanu C. , Galaction AI, Turnea M, Blendea CD, Rotariu M, Poștaru M. Redox Homeostasis, Gut Microbiota, and Epigenetics in Neurodegenerative Diseases: A Systematic Review. Antioxidants. 2024; 13(9):1062, IF: 6.0, AIS: 1,012 https://doi.org/10.3390/antiox13091062	1,012	3	14,084



A9	Vlădulescu-Trandafir, A.-I.; Onose, G.; Munteanu, C. (corresp.); Iancu, I.; Bălănescu, A.-R.; Opreș-Belinski, D.; Berghea, F.; Prefac, C.; Grădinaru, E.; Aurelian, S.; et al. Unraveling the Impact of COVID-19 on Rheumatoid Arthritis: Insights from Two Romanian Hospitals—Preliminary Results. <i>Biomedicines</i> 2024 , <i>12</i> , 2145., IF: 3.9, AIS: 0,809 https://doi.org/10.3390/biomedicines12092145	0,809	3	12,663
A10	Munteanu, Constantin ; Popescu, Cristina; Munteanu, Diana; Hoteteu, Mihail; Iliescu, Madalina Gabriela; Ionescu, Elena Valentina; Stanciu, Liliana; Oprea, Doinita; Minea, Mihaela; Oprea, Carmen et al. - Biological Evaluation of Balneotherapeutic Mud and Sulfurous Mineral Waters: Insights from In Vivo and In Vitro Studies, <i>Balneo and PRM Research Journal</i> 2024 Journal article DOI: 10.12680/BALNEO.2024.702, WOSUID: WOS:001268347000027, IF: 0.7, AIS: 0,051 http://bioclima.ro/Balneo702.pdf	0,051	1	5,357
A11	Munteanu, Constantin ; Hoteteu, Mihail; Munteanu, Diana; Onose, Gelu - The effects of Mineral Waters from Slănic Moldova's Spring 1 and Spring 1 bis on Fibroblast activity: An In Vitro Study, <i>Balneo and PRM Research Journal</i> , 2023 Journal article, DOI: 10.12680/BALNEO.2023.591, WOS:001156405200011, IF: 0.7, AIS: 0,051 http://bioclima.ro/Balneo591.pdf	0,051	5	9,357
A12	Munteanu, Constantin ; Hoteteu, Mihail; Munteanu, Diana; Onose, Gelu - Mineral waters from Spring 1 and Spring 1 bis from Slănic Moldova- molecular mechanisms responsible for triggering the prophylactic and therapeutic effects, <i>Balneo and PRM Research Journal</i> , 2023 Journal article, DOI: 10.12680/BALNEO.2023.592, WOSUID: WOS:001156405200020, IF: 0.7, AIS: 0,051 http://bioclima.ro/Balneo592.pdf	0,051	4	8,357
A13	Aurelian, S.; Ciobanu, A.; Cărare, R.; Stoica, S.-I.; Anghelescu, A.; Ciobanu, V.; Onose, G.; Munteanu, C. (Corresp. author); Popescu, C.; Andone, I.; et al. Topical Cellular/Tissue and Molecular Aspects Regarding Nonpharmacological Interventions in Alzheimer's Disease—A Systematic Review. <i>Int. J. Mol. Sci.</i> 2023 , <i>24</i> , 16533, IF: 4.9, AIS: 1,055 https://doi.org/10.3390/ijms242216533	1,055	7	18,385
A14	Munteanu, C. ; Iordan, D.A.; Hoteteu, M.; Popescu, C.; Postoiu, R.; Onu, I.; Onose, G. Mechanistic Intimate Insights into the Role of Hydrogen Sulfide in Alzheimer's Disease: A Recent Systematic Review. <i>Int. J. Mol. Sci.</i> 2023 , <i>24</i> , 15481. IF: 4.9, AIS: 1,055 https://doi.org/10.3390/ijms242015481	1,055	7	18,385
A15	Munteanu C , Turnea MA, Rotariu M. Hydrogen Sulfide: An Emerging Regulator of Oxidative Stress and Cellular Homeostasis—A Comprehensive One-Year Review. <i>Antioxidants</i> . 2023 ; <i>12</i> (9):1737. IF: 6.0, AIS: 1,012 https://doi.org/10.3390/antiox12091737	1,012	24	35,084
A16	Dogaru BG, Munteanu C . The Role of Hydrogen Sulfide (H ₂ S) in Epigenetic Regulation of Neurodegenerative Diseases: A Systematic Review. <i>International Journal of Molecular Sciences</i> . 2023 ; <i>24</i> (16):12555. IF: 4.9, AIS: 1,055 https://doi.org/10.3390/ijms241612555	1,055	14	25,385
A17	Pop MS, Cheregi DC, Onose G, Munteanu C (Corresp. Author), Popescu C, Rotariu M, Turnea M-A, Dogaru G, Ionescu EV, Oprea D, et al. Exploring the Potential Benefits of Natural Calcium-Rich Mineral Waters for Health and Wellness: A Systematic Review. <i>Nutrients</i> . 2023 ; <i>15</i> (14):3126. , IF: 4.8, AIS: 1.116 https://doi.org/10.3390/nu15143126	1,116	12	23,812



A18	Munteanu, Constantin ; Onose, Gelu; Turnea, Marius-Alexandru; Rotariu, Mariana - Cellular and Molecular Homeostatic Microenvironmental imbalances in Osteoarthritis and Rheumatoid Arthritis, Balneo and PRM Research Journal, 2023 Journal article, DOI: 10.12680/BALNEO.2023.564, WOSUID: WOS:001028799100005, IF: 0.7, AIS: 0,051 http://bioclima.ro/Balneo564.pdf	0,051	8	12,357
A19	Munteanu, Constantin ; Calin, Mihaela Antonina; Manea, Dragos; Popescu, Cristina; Iliescu, Madalina; Ionescu, Elena Valentina; Stanciu, Liliana; Minea, Mihaela; Oprea, Carmen; Oprea, Doinita et al. - Current data regarding homeostasis of tissues oxygenation in pathophysiological and therapeutic circumstances, Balneo and PRM Research Journal, 2023 Journal article, DOI: 10.12680/BALNEO.2023.565, WOSUID: WOS:001028799100019, IF: 0.7, AIS: 0,051 http://bioclima.ro/Balneo565.pdf	0,051	3	7,357
A20	Anghelescu A, Firan FC, Onose G, Munteanu C (Corresp. author), Trandafir A-I, Ciobanu I, Gheorghita S, Ciobanu V. -PRISMA Systematic Literature Review, including with Meta-Analysis vs. Chatbot/GPT (AI) regarding Current Scientific Data on the Main Effects of the Calf Blood Deproteinized Hemoderivative Medicine (Actovegin) in Ischemic Stroke. Biomedicines. 2023; 11(6):1623., IF: 6.081, AIS: 0,8 , https://doi.org/10.3390/biomedicines11061623	0,8	10	19,6
A21	Munteanu C. Hydrogen Sulfide and Oxygen Homeostasis in Atherosclerosis: A Systematic Review from Molecular Biology to Therapeutic Perspectives. International Journal of Molecular Sciences. 2023; 24(9):8376, IF: 6.208, AIS: 1,055 https://doi.org/10.3390/ijms24098376	1,055	9	20,385
A22	Stoica, S.I.; Onose, G.; Pitica, I.M.; Neagu, A.I.; Ion, G.; Matei, L.; Dragu, L.D.; Radu, L.-E.; Chivu-Economescu, M.; Necula, L.G.; Anghelescu, A.; Diaconu, C.C.; Munteanu, C. (Corresp. author); Bleotu, C. - Molecular Aspects of Hypoxic Stress Effects in Chronic Ethanol Exposure of Neuronal Cells. Curr. Issues Mol. Biol. 2023, 45, 1655-1680, IF 2,976, AIS: 0.556 https://doi.org/10.3390/cimb45020107	0,556	4	11,892
A23	Onose G, Anghelescu A, Ionescu A, Tataranu LG, Spînu A, Bumbea AM, Toader C, Tuță S, Carare RO, Popescu C, Munteanu C. (Corresp. author), Collaborative Working Group, and Daia C - Translation of the Fugl-Meyer assessment into Romanian: Transcultural and semantic-linguistic adaptations and clinical validation. Front. Neurol. 2023, 13:1022546. doi: 10.3389/fneur.2022.1022546, IF 4,086, AIS 0,931 https://www.frontiersin.org/articles/10.3389/fneur.2022.1022546/full#h12 ,	0,931	2	12,517
A24	Munteanu, C. ; Rotariu, M.; Turnea, M.; Tătăranu, L.G.; Dogaru, G.; Popescu, C.; Spînu, A.; Andone, I.; Ionescu, E.V.; Țucmeanu, R.E.; Oprea, C.; Țucmeanu, A.; Cseppento, C.N.; Silișteanu, S.C.; Onose, G. - Lithium Biological Action Mechanisms after Ischemic Stroke. Life 2022, 12, 1680. IF 3,2, AIS: 0,601 https://doi.org/10.3390/life12111680	0,601	3	11,207
A25	Onose Gelu, Anghelescu Aurelian, Blendea Dan, Ciobanu Vlad, Firan Carmen Florentina, Daia Cristina, Oprea Mihaela, Spinu Aura, Popescu Cristina, Ionescu Anca, Busnatu Ștefan and Munteanu Constantin . - Cellular and Molecular Targets for Non-Invasive, Non-Pharmacological Therapeutic/Rehabilitative Interventions in Acute Ischemic Stroke. International Journal of Molecular Sciences. 2022; 23(2):907, IF: 5,6, AIS: 1,03 https://doi.org/10.3390/ijms23020907	1,03	51	62,21
A26	Munteanu, C. ; Rotariu, M.; Turnea, M.; Ionescu, A.M.; Popescu, C.; Spinu, A.; Ionescu, E.V.; Oprea, C.; Țucmeanu, R.E.; Tătăranu, L.G.; Silișteanu, S.C.; Onose, G. - Main Cations and Cellular Biology of Traumatic Spinal Cord Injury. Cells 2022, 11, 2503, IF 7,666, AIS: 1.275 https://doi.org/10.3390/cells11162503	1,275	16	28,925



A27	Munteanu, C. ; Rotariu, M.; Turnea, M.-A.; Angheliescu, A.; Albadi, I.; Dogaru, G.; Silișteanu, S.C.; Ionescu, E.V.; Firan, F.C.; Ionescu, A.M.; Oprea, C.; Onose, G. - Topical Reappraisal of Molecular Pharmacological Approaches to Endothelial Dysfunction in Diabetes Mellitus Angiopathy. Curr. Issues Mol. Biol. 2022, 44, 3378-3397. https://doi.org/10.3390/cimb44080233 , IF 2,976, AIS: 0.622	0,622	18	26,354
A28	Simona Isabelle Stoica Gelu Onose Mihail Hoteteu Constantin Munteanu - Effects of ethanol and deferoxamine on rat primary glial cell cultures, in regard with ischemia induced by traumatic spinal cord injury. Balneo and PRM Research Journal, DOI: 10.12680/BALNEO.2022.502, IF: 0.7, AIS: 0,051 , http://bioclima.ro/Balneo502.pdf	0,051	4	8,357
A29	Munteanu, C. ; Rotariu, M.; Turnea, M.; Dogaru, G.; Popescu, C.; Spînu, A.; Andone, I.; Postoiu, R.; Ionescu, E.V.; Oprea, C.; Albadi, I.; Onose, G. Recent Advances in Molecular Research on Hydrogen Sulfide (H ₂ S) Role in Diabetes Mellitus (DM)—A Systematic Review. Int. J. Mol. Sci. 2022, 23, 6720. https://doi.org/10.3390/ijms23126720 , Impact Factor: 6.208, AIS: 1.03	1,03	22	33,21
A30	Angheliescu, A.; Onose, G.; Popescu, C.; Băilă, M.; Stoica, S.I.; Postoiu, R.; Brumă, E.; Petcu, I.R.; Ciobanu, V. and Munteanu, C. - Parkinson's Disease and SARS-CoV-2 Infection: Particularities of Molecular and Cellular Mechanisms Regarding Pathogenesis and Treatment. Biomedicines 2022, 10, 1000. doi: https://doi.org/10.3390/biomedicines10051000 , IF: 6.081, AIS: 1.0	1	9	20
A31	Stoica, S.I.; Bleotu, C.; Ciobanu, V.; Ionescu, A.M.; Albadi, I.; Onose, G.; Munteanu, C. - Considerations about Hypoxic Changes in Neuraxis Tissue Injuries and Recovery. Biomedicines 2022, 10, 481. doi: https://doi.org/10.3390/biomedicines10020481 , IF: 6.08, AIS: 1.0	1	14	25
A32	Cristina Daia, MUNTEANU Constantin , Ioana Andone, Aura Spinu, Cristina Popescu, Corneliu Toader, Gelu Onose. - Polydipsia-polyuria syndrome associated with traumatic spinal cord injury. Signa Vitae. 2021. doi:10.22514/sv.2021.104. https://oss.signavitae.com/mre-signavitae/article/20211108-653/pdf/SV2021032303.pdf , IF: 0.6, AIS: 0.104	0,104	0	4,728
A33	Munteanu Constantin , TEOIBAS-SERBAN Drotea, IORDACHE Liviu, BALAUREA Mariana, BLENDEA Corneliu-Dan - Water intake meets the Water from inside the human body – physiological, cultural, and health perspectives - Synthetic and Systematic literature review, - Balneo and PRM Research Journal. 2021;12(3):196-209, DOI 10.12680/balneo.2021.439, IF: 1.5, AIS: 0,044 , http://bioclima.ro/Balneo439.pdf	0,044	17	21,308
A34	Munteanu Constantin , Dogaru Gabriela, Rotariu Mariana, Onose Gelu - Therapeutic gases used in balneotherapy and rehabilitation medicine - scientific relevance in the last ten years (2011 – 2020) - Synthetic literature review, Balneo and PRM Research Journal. 2021;12(2):111-122, DOI 10.12680/balneo.2021.430, IF: 1.5, AIS: 0,044 , http://bioclima.ro/Balneo430.pdf	0,044	20	24,308
A35	Munteanu Constantin , Rotariu Mariana, Dogaru Gabriela, Ionescu Elena Valentina, Ciobanu Vlad, Onose Gelu - Mud therapy and rehabilitation - scientific relevance in the last six years (2015 – 2020) Systematic literature review and meta-analysis based on the PRISMA paradigm, , Balneo and PRM Research Journal. 2021;12(1):1-15, DOI 10.12680/balneo.2021.411, IF: 1.5, AIS: 0,044 , http://bioclima.ro/Balneo411.pdf	0,044	23	27,308
PUNCTAJ TOTAL		627,432		

AI – factorul AIS (Article influence score) conform <http://www.eigenfactor.org/>

c – numărul de citări, surse: Web of Science, Scopus

**2. Articole în reviste cotate ISI, ca și contributor****Formula: $0.7 \times [4 + (7 \times AI1) + c1] + 0.7 \times [4 + (7 \times AI2) + c2] + \dots + 0.7 \times [4 + (7 \times AIN) + cN]$**

Nr. crt.	Denumire articol	AI	C	Punctaj
1	Condurache, Iustina; Craciun, Iulia; Ilea, Mihai; Munteanu, Constantin ; Rotariu, Mariana; Mucileanu, Cezar - Non-pharmacological methods and techniques used in the therapy of children diagnosed with ADHD. Study of literature, Balneo and PRM Research Journal, 2024 Journal article, DOI: 10.12680/BALNEO.2024.701, WOSUID: WOS:001268347000016, IF: 0,7, AI: 0,051 http://bioclima.ro/Balneo701.pdf	0,051	0	3,0499
2	Mucileanu, Cezar; Spiridon, Andra-Cristina; Turnea, Marius; Munteanu, Constantin; Rotariu, Mariana; Condurache, Iustina - Kinetic methods used in the postoperative recovery of a patient diagnosed with a puncture wound and foreign body retention in the middle third of the posterior face of the left forearm, Balneo and PRM Research Journal, 2024 Journal article, DOI: 10.12680/BALNEO.2024.700, WOSUID: WOS:001268347000028, IF: 0,7, AI: 0,051 http://bioclima.ro/Balneo700.pdf	0,051	1	3,7499
3	Anghelescu, Aurelian; Ciobanu, Ilinca; Munteanu, Constantin; Anghelescu, Lucia Ana Maria; Onose, Gelu - ChatGPT: "To be or not to be"... in academic research. The human mind's analytical rigor and capacity to discriminate between AI bots' truths and hallucinations, Balneo and PRM Research Journal, 2023 Journal article, DOI: 10.12680/BALNEO.2023.614, WOSUID: WOS:001167118000019, IF: 0,7, AI: 0,051 http://bioclima.ro/Balneo614.pdf	0,051	1	3,7499
4	Anghelescu, Aurelian; Alexandru, Pandrea; Munteanu, Constantin; Magdoi, Magdalena Anca; Onose, Gelu - "Worse than hell": Complex Neuraxial Lesions Resulting in Tetraplegia and Blindness after Polytrauma - Case presentation, Balneo and PRM Research Journal, 2023, Journal article, DOI: 10.12680/BALNEO.2023.615, WOSUID: WOS:001167118000020, IF: 0,7, AI: 0,051 http://bioclima.ro/Balneo615.pdf	0,051	1	3,7499
5	Anghelescu, Aurelian; Rotaescu, Virginia; Munteanu, Constantin; Anghelescu, Lucia Ana Maria; Onose, Gelu - Incidental discovery of chronic lacunar infarction in the head of the caudate nucleus: pathophysiological considerations and retroactive etiologic diagnosis of a depressive syndrome. Case presentation, Balneo and PRM Research Journal, 2023 Journal article, DOI: 10.12680/BALNEO.2023.612, WOSUID: WOS:001167118000017, IF: 0,7, AI: 0,051 http://bioclima.ro/Balneo612.pdf	0,051	0	3,0499
6	Gurau, T.V.; Gurau, G.; Musat, C.L.; Voinescu, D.C.; Anghel, L.; Onose, G.; Munteanu, C. ; Onu, I.; Iordan, D.A. Epidemiology of Injuries in Professional and Amateur Football Men (Part II). J. Clin. Med. 2023, 12, 6293. IF: 3, AI: 0,844 https://doi.org/10.3390/jcm12196293	0,844	11	14,6356
7	Dogaru, Gabriela; Munteanu, Constantin; Pop, Bianca; Ciumarnean, Lorena; Gherman, Luciana Madalina; Ciubean, Alina Deniza; Sitar-Taut, Adela-Viviana - Effects of carbonated natural mineral water baths and mofettes on peripheral arterial flow in rats , Balneo and PRM Research Journal, 2023 Journal article, DOI: 10.12680/BALNEO.2023.569, WOSUID: WOS:001156405200002, IF: 0,7, AI: 0,051 http://bioclima.ro/Balneo569.pdf	0,051	1	3,7499
8	Gurau, T.V.; Gurau, G.; Musat, C.L.; Voinescu, D.C.; Anghel, L.; Onose, G.; Munteanu, C. ; Onu, I.; Iordan, D.A. Epidemiology of Injuries in Professional and Amateur Football Men (Part II). J. Clin. Med. 2023, 12, 6293. IF: 3.0, AI: 0,844 https://doi.org/10.3390/jcm12196293	0,844	11	14,6356



9	Trandafir, Andreea Iulia; Onose, Gelu; Munteanu, Constantin ; Baila, Mihai; Saglam, Ali - Osman; Mandu, Mihaela; Saulescu, Ioana; Gradinaru, Elena; Bojinca, Violeta-Claudia - Particularities regarding Clinical-biological and Evolutive Parameters of Immune-mediated Rheumatic Diseases in Patients with COVID-19-systematic literature review, Balneo and PRM Research Journal, 2023 Journal article, DOI: 10.12680/BALNEO.2023.562, WOSUID: WOS:001028799100010, IF: 0,7, AIS: 0,051 http://bioclima.ro/Balneo562.pdf	0,051	4	5,8499
10	Gelu Onose, Aurelian Anghelescu, Corneliu Dan Blendea, Vlad Ciobanu, Cristina Octaviana Daia, Florentina Carmen Firan, Constantin Munteanu , Mihaela Oprea, Aura Spinu, Cristina Popescu. - Non-invasive, non-pharmacological/bio-technological interventions towards neurorestoration upshot after ischemic stroke, in adults—systematic, synthetic, literature review. Frontiers in Bioscience-Landmark. 2021. 26(11); 1204-1239, Impact Factor: 4.009, IF: 3,115, AIS: 0,773 https://www.fbscience.com/Landmark/articles/pdf/Landmark5020.pdf	0,773	9	12,8877
11	Adriana Elena Bulboaca, Paul-Mihai Boarescu, Alina Silvia Porfire, Gabriela Dogaru, Cristina Barbalata, Madalina Valeanu, MUNTEANU Constantin , Ruxandra Mioara Râjnoveanu, Cristina Ariadna Nicula and Ioana Cristina Stanescu - <i>The Effect of Nano-Epigallocatechin-Gallate on Oxidative Stress and Matrix Metalloproteinases in Experimental Diabetes Mellitus</i> , <i>Antioxidants</i> 2020, 9, 172; www.mdpi.com/journal/antioxidants , doi:10.3390/antiox9020172, Impact Factor: 6,313 AIS: 0,91, https://www.mdpi.com/2076-3921/9/2/172	0,91	28	26,859
12	Gabriela Dogaru, Adriana Bulboaca, Paul Mihai Boarescu, Lorena Ciumărnean, Vasile Rus, Adela-Viviana Sitar-Tăut, MUNTEANU Constantin , Gyorgy Bodisz and Ioana Stănescu - <i>The Effect of Carbonated Natural Mineral Water on Oxidative Stress in Experimental Myocardial Ischemia, in vivo</i> 33 1911-1920 (2019), doi:10.21873/in vivo.11685, IF: 1,541, AIS: 0,282 https://iv.iiarjournals.org/content/33/6/1911	0,282	11	11,8818
13	Gabriela Dogaru, Adriana Bulboaca, Ioana Stanescu, Vasile Rus, Bodizs Gyorgy, Lorena Ciumarnean, MUNTEANU Constantin , Paul Mihai Boarescu, Adriana Neagos, Dana Festila - <i>The Effect of Mofettes on Oxidative Stress / Antioxidant Balance in Experimental Myocardial Ischemia</i> , 2019, <i>REVISTA DE CHIMIE</i> 70 (7), 2677-2680, IF: 1,755, AIS: 0,064 , https://www.revistadechimie.ro/Articles.asp?ID=7404	0,064	5	6,6136
14	Gelu Onose, Nirvana Popescu, MUNTEANU Constantin , Vlad Ciobanu, Corina Sporea, Marian-Daniel Mirea, Cristina Daia, Ioana Andone, Aura Spinu and Andrada Mirea - <i>Mobile Mechatronic/ Robotic Orthotic Devices to Assist-Rehabilitate Neuromotor Impairments in the Upper Limb: A Systematic and Synthetic Review</i> , 2018, <i>Front. Neurosci.</i> doi: 10.3389/fnins.2018.00577, Impact Factor: 3.648, AIS: 1,264 https://www.frontiersin.org/articles/10.3389/fnins.2018.00577/full	1,264	18	21,5936
15	Mihaela Antonina Călin, Marian Romeo Călin, MUNTEANU Constantin – <i>Determination of the complex refractive index of cell cultures by reflectance spectrometry</i> , <i>Eur. Phys. J. Plus</i> (2014) 129:116; DOI: 10.1140/epjp/i2014-14116-1, Impact Factor: 3.228, AIS: 0,487 https://link.springer.com/article/10.1140/epjp/i2014-14116-1	0,487	6	9,3863
PUNCTAJ TOTAL				145,44

AI – factorul AIS (Article influence score) conform <http://www.eigenfactor.org/>

c – numărul de citări, surse: Web of Science, Scopus

**3. Articole în reviste indexate BDI, ca autor principal****Formula: $(1+c1)+(1+c2)+... (1+cN)$**

Titlu articol	Autori	Revista	Anul	DOI	Citari	Punctaj
Balneotherapy - medical, scientific, educational and economic relevance reflected by more than 250 articles published in Balneo Research Journal	Munteanu, Constantin; Munteanu, Diana; Hoteteu, Mihail; Dogaru, Gabriela	BALNEO RESEARCH JOURNAL	2019	10.12680/balneo.2019.257	18	19
Romanian Congress of Physical and Rehabilitation Medicine and Balneology, Galati, 4-6 September 2019 - Congress Abstracts	Munteanu, Constantin; Munteanu, Diana; Hoteteu, Mihail; Dogaru, Gabriela	BALNEO RESEARCH JOURNAL	2019	10.12680/balneo.2019.276	0	1
SPELEOTHERAPY - scientific relevance in the last five years (2013 - 2017) - A systematic review	Munteanu, Constantin	BALNEO RESEARCH JOURNAL	2017	10.12680/balneo.2017.161	9	10
Cell biology considerations in Spinal Cord Injury - Review	Munteanu, Constantin	BALNEO RESEARCH JOURNAL	2017	10.12680/balneo.2017.149	23	24
Cell Biology Techniques in Balneology	Munteanu, Constantin; Munteanu, Diana	ACTA BALNEOLOGICA	2015		0	1
Balneotherapy and healthy ageing - review	Munteanu, Constantin; Munteanu, Diana; Hoteteu, Mihai	BALNEO RESEARCH JOURNAL	2014	10.12680/balneo.2014.1066	5	6
HEALTHY AGING	Munteanu, Constantin; Munteanu, Diana	BALNEO RESEARCH JOURNAL	2013	10.12680/balneo.2013.1051	3	4
Effects of Alkaline mineral waters on experimental Wistar rats	Munteanu, Constantin; Hoteteu, Mihai	BALNEO RESEARCH JOURNAL	2013	10.12680/balneo.2013.1043	1	2
METABOLIC FINGERPRINTING IN BALNEOTHERAPY	Munteanu, Constantin; Munteanu, Diana	BALNEO RESEARCH JOURNAL	2013	10.12680/balneo.2013.1046	4	5
Modeling and simulation methodology for Aging	Munteanu, Constantin; Munteanu, Diana; Turnea, Marius	2013 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB)	2013	10.1109/EHB.2013.6707407	0	1
SPELEOTHERAPY EFFECTS ON WISTAR RATS REFLECTED BY PULMONARY AND DERMAL FIBROBLASTS CULTURES	Munteanu, Constantin; Munteanu, Diana; Simionca, Iuri; Hoteteu, Mihai	BALNEO RESEARCH JOURNAL	2012	10.12680/balneo.2012.1035	3	4
Research strategy of the therapeutic quality of mud and salty water from Bear Lake - Sovata	Munteanu, Constantin; Cinteza, Delia; Pretorian, Suzana; Lazarescu, Horia; Poenu, Daniela; Hoteteu, Mihai;	BALNEO RESEARCH JOURNAL	2012	10.12680/balneo.2012.1030	1	2



	Munteanu, Diana					
Estrogenic compounds - endocrine disruptors	Munteanu, Constantin; Hoteteu, Mihai	BALNEO RESEARCH JOURNAL	2011	10.12680/balneo.2011.1021	4	5
Iodine waters	Constantin, Munteanu; Alexandru, Iliuta	BALNEO RESEARCH JOURNAL	2011	10.12680/balneo.2011.1023	0	1
Tusnad Bai Resort	Constantin, Munteanu	BALNEO RESEARCH JOURNAL	2011	10.12680/balneo.2011.1024	0	1
Therapeutic muds	Constantin, Munteanu; Dumitrascu, Mioara	BALNEO RESEARCH JOURNAL	2011	10.12680/balneo.2011.1019	9	10
Baile Herculane Resort	Constantin, Munteanu	BALNEO RESEARCH JOURNAL	2011	10.12680/balneo.2011.1020	1	2
THERAPEUTIC MINERAL WATER	Munteanu, Constantin	BALNEO RESEARCH JOURNAL	2011	10.12680/balneo.2011.1011	4	5
Boric acids and mineral waters	Constantin, Munteanu; Mioara, Dumitrascu	BALNEO RESEARCH JOURNAL	2011	10.12680/balneo.2011.1012	0	1
Balneoclimateric Resort Malnas-Bai	Constantin, Munteanu	BALNEO RESEARCH JOURNAL	2011	10.12680/balneo.2011.1013	0	1
The role of sodium in the body	Constantin, Munteanu; Alexandru, Iliuta	BALNEO RESEARCH JOURNAL	2011	10.12680/balneo.2011.1015	15	16
Sollicitant-exciting plain bioclimate Amara Balneoclimateric Resort	Munteanu, Constantin; Lazarescu, Horia; Diana, Munteanu	BALNEO RESEARCH JOURNAL	2011	10.12680/balneo.2011.1016	2	3
Experimental Methodology used by Cell Cultures Laboratory from National Institute of Rehabilitation, Physical Medicine and Balneoclimatology, Bucharest, Romania to assess the therapeutic effect of natural factors	Munteanu, Constantin; Munteanu, Diana	BALNEO RESEARCH JOURNAL	2010	10.12680/balneo.2010.1001	1	2
Morphological and electrophoretic data about heterogeneous primary skin cells cultures obtained from normal and Ovalbumin-Challenged Wistar rats after treatment by speleotherapy in the Cacica and Dej Romanian Salt Mines	Munteanu, Constantin; Munteanu, Diana; Simionca, Iuri; Hoteteu, Mihai	BALNEO RESEARCH JOURNAL	2010	10.12680/balneo.2010.1002	3	4
Morphological and electrophoretic data of primary pulmonary fibroblasts cultures obtained from normal and Ovalbumin-Challenged Asthmatic Wistar rats treated by speleotherapy in Cacica and Dej Romanian Salt Mines	Munteanu, Constantin; Munteanu, Diana; Simionca, Iuri; Hoteteu, Mihai	BALNEO RESEARCH JOURNAL	2010	10.12680/balneo.2010.1003	1	2
Therapeutical evaluation of Turda Salt Mine	Munteanu, Constantin; Munteanu, Diana;	BALNEO RESEARCH JOURNAL	2010	10.12680/balneo.2010.1004	1	2



microclimate on pulmonary fibroblasts cultures	Simionca, Iuri; Hoteteu, Mihai; Mera, Ovidiu					
In vitro experimental evaluation of wound and burns healing capacity after exposure to salty microclimate from Dej and Cacica	Munteanu, Constantin; Munteanu, Diana; Simionca, Iuri; Hoteteu, Mihai	BALNEO RESEARCH JOURNAL	2010	10.12680/balneo.2010.1005	1	2
						136

4. Articole în reviste indexate BDI, ca și contributor**Formula: $0.7 \times [(1+c1)+(1+c2)+... (1+cN)]/N$ - numărul total de articole**

Titlu articol	Autori	Revista	Anul	DOI	Citari	Punctaj
Bioactive substances of the Techirghiol therapeutic mud	Hoteteu, Mihail; Munteanu, Constantin; Ionescu, Elena Valentina; Almasan, Roxana Elena	BALNEO RESEARCH JOURNAL	2018	10.12680/balneo.2018.162	14	9,8
The therapeutic effect of carbogaseous natural mineral waters in the metabolic syndrome	Cinteza, Delia; Munteanu, Constantin; Poenaru, Daniela; Munteanu, Diana; Petrusca, Irina; Dumitrascu, Dan	BALNEO RESEARCH JOURNAL	2013	10.12680/balneo.2013.1038	4	2,8
HIDROTHERAPY	Dumitrascu, Mioara; Munteanu, Constantin; Lazarescu, Horia	BALNEO RESEARCH JOURNAL	2012	10.12680/balneo.2012.1027	2	1,4
						14

N - numărul total de articole**5. Cărți la edituri internaționale de prestigiu (Formula: $(100+c):n$)**

Nr. crt.	Carte	Punctaj
1		
n		
	PUNCTAJ TOTAL:	0

6. Cărți la alte edituri internaționale**(Formula: $(40+c):n$)**

Nr. crt.	Carte	Punctaj
1		
n		
	PUNCTAJ TOTAL:	0

7. Cărți la Editura Academiei Române**(Formula: $(40+c):n$)**

Nr. crt.	Carte	Punctaj
1		
n		
	PUNCTAJ TOTAL:	0

**8. Cărți la Edituri Universitare****(Formula: (20+c): n)**

Nr. crt.	Carte	Punctaj
C1	Hidrotermoterapie / MUNTEANU Constantin, CONDURACHE Mihaela-Iustina, ROTARIU Mariana. – Iași: Editura Gr. T. Popa, 2021, ISBN 978-606-544-854-4; DOI: 10.22551/978-606-544-854-4	6,66
C2	Hidrothermotherapy / MUNTEANU Constantin, CONDURACHE Mihaela-Iustina, ROTARIU Mariana. – Iași: Editura Gr. T. Popa, 2021, ISBN 978-606-544-853-7; DOI: 10.22551/978-606-544-853-7	6,66
C3	Balneoclimatologie / MUNTEANU Constantin, ROTARIU Mariana, AVRAM Mihaela-Iustina. – Iași: Editura Gr. T. Popa, 2021, ISBN 978-606-544-796-7; DOI: 10.22551/978-606-544-796-7	6,66
C4	Balneoclimatology / MUNTEANU Constantin, ROTARIU Mariana, AVRAM Mihaela-Iustina. – Iași: Editura Gr. T. Popa, 2021, ISBN 978-606-544-852-0; DOI: 10.22551/978-606-544-852-0	6,66
C5	Ghid Corolar Monografic de BalneoClimatologie – Balneafie, Crenoterapie și Climatoterapie, Editura Univ Carol Davila, București, 2024, ISBN: 978-606-011-292-1, Editori coord. Gelu Onose, Delia Cinteza, Elena-Valentina Ionescu, Elena-Roxana Tucmeanu – 90 autori	0,22
PUNCTAJ TOTAL:		26,8

9. Cărți la alte edituri din țară**(Formula: (20+c): n)**

Nr. crt.	Carte	Punctaj
C1	Ape minerale litinifere / MUNTEANU Constantin, Diana Munteanu. - București : Editura Balneară, 2011, ISBN 978-606-92826-0-1, DOI: http://dx.doi.org/10.12680/978-606-92826-0-1	10
C2	Ecologie și protecția calității mediului / MUNTEANU Constantin, Mioara Dumitrașcu, Romeo-Alexandru Iliuță – București : Editura Balneară, 2011, ISBN 978-606-92826-9-4	6,66
C3	Rolul estrogenului în cardioprotecție / MUNTEANU Constantin, Horia Lăzărescu, Diana Munteanu. - București : Editura Balneară, 2011, ISBN 978-606-92826-7-0	6,66
C4	Cercetarea științifică a factorilor naturali terapeutici / MUNTEANU Constantin, Delia Cinteza. - București : Editura Balneară, 2011, ISBN 978-606-92826-8-7;	10
C5	Nămolul terapeutic / MUNTEANU Constantin. - București : Editura Balneară, 2012, ISBN 978-606-93159-1-0	20
C6	Ape terapeutice clorurate-sodice / MUNTEANU Constantin, Diana Munteanu. - București : Editura Balneară, 2012, ISBN 978-606-93159-0-3	10
C7	Ape alcaline / MUNTEANU Constantin, Delia Cinteza, Daniela Poenaru, Diana Munteanu. - București : Editura Balneară, 2012, ISBN 978-606-93159-8-9	5
C8	Ape feruginoase / Diana Munteanu, Delia Cinteza, MUNTEANU Constantin, . - București : Editura Balneară, 2012, ISBN 978-606-93159-9-6	6,66
C9	Ape sulfuroase / MUNTEANU Constantin, Delia Cinteza, Diana Munteanu. - București : Editura Balneară, 2012, ISBN 978-606-93159-7-2	6,66
C10	Calciu si magneziu - importanta in cura balneara / MUNTEANU Constantin, Delia Cinteza, Daniela Poenaru, Horia Lazarescu, Diana Munteanu. - București : Editura Balneară, 2012, ISBN 978-606-93159-6-5	4
C11	Ape oligominerale / Diana Munteanu, MUNTEANU Constantin, Delia Cinteza, Daniela Poenaru. - București : Editura Balneară, 2012, ISBN 978-606-93159-4-1	6,66
C12	Perturbatori endocrini / Mihai Hoteteu, MUNTEANU Constantin, Horia Lazarescu. – București, Editura Balneară, 2012, ISBN 978-606-93159-5-8	6,66
C13	Ape carbogazoase - rol terapeutic / Delia Cinteza, MUNTEANU Constantin, Diana Munteanu, Daniela Poenaru. - București : Editura Balneară, 2012, ISBN 978-606-93159-3-4	5



C14	Importanta balnearea a iodului / Lazarescu Horia, MUNTEANU Constantin, Delia Cinteza. - București : Editura Balneară, 2012, ISBN 978-606-93159-2-7	6,66
C15	Balneoterapia / MUNTEANU Constantin. - București : Editura Balneară, 2013, ISBN 978-606-93550-4-6	20
C16	Top 10 stațiuni balneare / MUNTEANU Constantin. - București : Editura Balneară, 2013, ISBN 978-606-93550-5-3	20
C17	Turismul de sanatate / MUNTEANU Constantin. - București : Editura Balneară, 2013, ISBN 978-606-93550-7-7	20
C18	Hidratarea / MUNTEANU Constantin. - București : Editura Balneară, 2013, ISBN 978-606-93550-2-2	20
C19	Biologia îmbătrânirii - MUNTEANU Constantin, Diana Munteanu. - București : Editura Balneară, 2013, ISBN 978-606-93550-9-1	10
C20	Geroprotectoare / MUNTEANU Constantin. - București : Editura Balneară, 2013, ISBN 978-606-93550-8-4	20
C21	Healthy aging / MUNTEANU Constantin. - București : Editura Balneară, 2013, ISBN 978-606-93550-0-8	20
C22	Ape minerale terapeutice / MUNTEANU Constantin. - București : Editura Balneară, 2013, ISBN 978-606-93550-6-0	20
C23	Proiectul PELOVITAL / MUNTEANU Constantin. - București : Editura Balneară, 2013, ISBN 978-606-93550-3-9	20
C24	Nămolo de Techirghiol – medicament balnear / MUNTEANU Constantin., Asociația Română de Balneologie – capitol, p. 363-389, in cartea Techirghiol dar de sănătate	20
C25	Sensul existenței umane : testament filosofic : biofilosofie / MUNTEANU Constantin. - București : Editura Balneară, 2020, ISBN 978-606-8705-17-0	20
C26	Apa Rol Biologic : Testament acvatic : Balneologie / MUNTEANU Constantin. - București : Editura Balneară, 2020 ISBN 978-606-8705-14-9	20
C27	Talasoterapie : „Marea te cheamă la ea” Balneologie / MUNTEANU Constantin - București : Editura Balneară, 2020, ISBN 978-606-8705-15-6	20
C28	Mofete: Gaze terapeutice / Gabriela Dogaru, MUNTEANU Constantin - București : Editura Balneară, 2020, ISBN 978-606-8705-16-3	10
C29	Bioclimatologie: Bioclimatologie umana / MUNTEANU Constantin, Gabriela Dogaru. - București : Editura Balneară, 2020, ISBN 978-606-8705-18-7	10
C30	Lithium biology / MUNTEANU Constantin. - București : Editura Balneară, 2013, ISBN 978-606-93550-1-5	20
C31	Genetică : noțiuni și concepte de bază / Constantin Munteanu. - București : Editura Balneară, 2024, ISBN 978-606-8705-35-4	20
C32	Basic Physiology / Constantin Munteanu. - București : Editura Balneară, 2024, ISBN 978-606-8705-36-1	20
C33	Genetică în audiologie / Constantin Munteanu. - București : Editura Balneară, 2024, ISBN 978-606-8705-37-8	20
C34	Translational Medicine / Constantin Munteanu. - București : Editura Balneară, 2024, ISBN 978-606-8705-38-5	20
C35	Fundamentals of Microbiology / Constantin Munteanu, București : Editura Balneară, 2024, ISBN 978-606-8705-30-9	20
C36	Elemente fundamentale de Microbiologie / Constantin Munteanu, București : Editura Balneară, 2024, ISBN 978-606- 8705-31-6	20
PUNCTAJ TOTAL:		520,6

**10. Capitle în volume la edituri internaționale de prestigiu (Formula: $(50+c):n$)**

Nr. crt.	Titlu	Punctaj
1		
n		
PUNCTAJ TOTAL:		0

11. Capitle în volume la alte edituri internaționale (Formula: $(20+c):n$)

Nr. crt.	Titlu	Punctaj
1		
n		
PUNCTAJ TOTAL:		0

12. Capitle în cărți/volume la edituri naționale (Formula: $(10+c):n$)

Nr. crt.	Titlu	Punctaj
1		
n		
PUNCTAJ TOTAL:		0

13. Editor/redactor/coordonator cărți la edituri internaționale de prestigiu (Formula: $(10+c):n$)

Nr. crt.	Titlu	Punctaj
1		
n		
PUNCTAJ TOTAL:		0

14. Editor/redactor/coordonator cărți la alte edituri internaționale (Formula: $(30+c):n$)

Nr. crt.	Titlu	Punctaj
1		
n		
PUNCTAJ TOTAL:		0

15. Editor/redactor/coordonator cărți la edituri naționale (Formula: $(20+c):n$)

Nr. crt.	Titlu	Punctaj
1		
n		
PUNCTAJ TOTAL:		0

Tabelul 2 Standarde minimale* (* punctaj total rezultat pe baza calculului indicatorilor din tabelul 1.)

Parametrul	Conferențiar/CS II	Abilitare	Profesor/CS I	Punctaj obținut la autoevaluare
Σ :1-2 (recunoaștere internațională)	90/110	150	150/180	<u>772,87</u>
Σ :1-15 (performanță totală)	150/180	250	250/300	<u>1470,27</u>

Declar pe propria răspundere că informațiile prezentate mai sus sunt conforme cu realitatea.

Data 17.02.2025

Conf. univ. dr. Munteanu Constantin