



## Anexa 1

*Formularul de auto-evaluare a performanțelor, în vederea obținerii unei gradații de merit*

**Institutul de Cercetări Interdisciplinare – Departamentul Științe**

	<b>DESCRIPTORI</b>	<b>PUNCTAJUL ACORDAT</b>
<b>I. ACTIVITATEA DE CERCETARE (80%)</b>	<p><b>1. Articole științifice publicate <i>in extenso</i> în reviste cotate <i>Web of Science, Clarivate Analytics</i></b></p> <p>1. Stoleru, V., Mangalagiu I., Amăriucăi-Mantu, D., Teliban, G.C., Cojocaru, A., Rusu, O.R., Burducea, M., <b>Mihalache, G.</b>, Rosca, M., Caruso, G., Sekara, A., Jităreanu, G. Enhancing the nutritional value of sweet pepper through sustainable fertilization management. <i>Frontiers in Nutrition</i>, 10:1264999, <b>2023</b> (doi:10.3389/fnut.2023.1264999), AIS = <b>0.952</b> (<a href="https://www.frontiersin.org/articles/10.3389/fnut.2023.1264999/full">https://www.frontiersin.org/articles/10.3389/fnut.2023.1264999/full</a>), (nr. autori = 12), (co-autor).</p> <p>2. Rusu, O.R., Mangalagiu, I., Amăriucăi-Mantu, D., Teliban, G.-C., Cojocaru, A., Burducea, M., <b>Mihalache, G.</b>, Roșca, M., Caruso, G., Sekara, A., Stoleru, V. Interaction Effects of Cultivars and Nutrition on Quality and Yield of Tomato. <i>Horticulturae</i>, 9 (5), 541, <b>2023</b> (doi.org/10.3390/horticulturae9050541), AIS=0.375 (<a href="https://www.mdpi.com/2311-7524/9/5/541">https://www.mdpi.com/2311-7524/9/5/541</a>), (nr. autori = 11) (co-autor).</p> <p>3. Stoleru, V., Jacobsen, S.-E., Vitanescu, M., Jităreanu, G., Butnariu, M., Munteanu, N., Stan, T., Teliban, G. C., Cojocaru, A., <b>Mihalache, G.</b>, Nutritional and antinutritional compounds in leaves of quinoa, <i>Food Bioscience</i>, 45, 101494, <b>2022</b> (doi.org/10.1016/j.fbio.2021.101494), AIS= <b>0.639</b></p>	(60 puncte x AIS) + 25 Pentru articole publicate în calitate de autor principal (prim autor sau autor corespondent)  (60 puncte x AIS + 25 )/ număr autori Pentru articole publicate în calitate de co-autor  (60 x 0.952 + 25)/12 = <b>6.843</b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<p>(<a href="https://www.sciencedirect.com/science/article/pii/S2212429221006192">https://www.sciencedirect.com/science/article/pii/S2212429221006192</a>), (autor principal-corespondent).</p> <p>4. Gheorghitoiae, M.V., Bodale, I., Achitei, V., Teliban, G.C., Cojocaru, A., Caruso, G., <u>Mihalache, G.</u>, Stoleru, V., Potential of continuous electric current on biometrical, physiological and quality characteristics of organic tomato. <i>Applied Sciences</i>, 12 (9), 4211, 2022 (doi.org/10.3390/app12094211), AIS = 0.414 (<a href="https://www.mdpi.com/2076-3417/12/9/4211">https://www.mdpi.com/2076-3417/12/9/4211</a>), (nr. autori = 8), (co-autor).</p> <p>5. Tiron, V., Ciolan, M.A., Bulai, G., <u>Mihalache, G.</u>, Lipsa, F.D., Jijie, R., Efficient removal of methylene blue and ciprofloxacin from aqueous solution using flower-like, nanostructured ZnO coating under UV irradiation, <i>Nanomaterials</i>, 12(13), 2193., 2022 (doi.org/10.3390/nano12132193), AIS = 0.712 (<a href="https://www.mdpi.com/2079-4991/12/13/2193">https://www.mdpi.com/2079-4991/12/13/2193</a>), (nr. autori = 6), (co-autor).</p> <p>6. Teliban, G.-C., Burducea, M., <u>Mihalache, G.</u>, Zheljazkov, V.D., Dincheva, I., Badjakov, I., Popa, L.-D., Bodale, I., Vlăduț, N.-V., Cojocaru, A., Munteanu, N., Stan, T., Caruso, G., Stoleru, V. Morphological, Physiological and Quality Performances of Basil Cultivars under Different Fertilization Types. <i>Agronomy</i>. 12(12), 3219, 2022 (doi.org/10.3390/agronomy12123219) AIS=0.497 (<a href="https://www.mdpi.com/2073-4395/12/12/3219">https://www.mdpi.com/2073-4395/12/12/3219</a>), (nr. autori =14), (co-autor).</p> <p>7. Jijie, R., <u>Mihalache, G.</u>, Balmus, I.M., Strungaru, S.A., Baltag, E.S., Ciobica, A., Nicoara, M., Faggio, C. Zebrafish as a screening model to study the single and joint effects of antibiotics. <i>Pharmaceuticals</i> 14, 578, 2021 (doi.org/10.3390/ph14060578), AIS= 0.896 (<a href="https://www.mdpi.com/1424-8247/14/6/578">https://www.mdpi.com/1424-8247/14/6/578</a>), (autor principal-shared first authorship).</p> <p>8. Bodale, I., <u>Mihalache, G.</u>, Achitei, V., Teliban, G.C., Cazacu, A., Stoleru, V., Evaluation of the nutrients uptake by tomato plants in different phenological stages using an electrical conductivity technique, <i>Agriculture</i>, 11 (4), 292, 2021 (doi.org/10.3390/agriculture11040292), AIS= 0.434 (<a href="https://www.mdpi.com/2077-0472/11/4/292">https://www.mdpi.com/2077-0472/11/4/292</a>), (nr. autori = 6), (co-autor).</p>	$(60 \times 0.414 + 25)/8 =$ <b><u>6.23</u></b>
		$(60 \times 0.712 + 25)/6 =$ <b><u>11.286</u></b>
		$(60 \times 0.497 + 25)/14 =$ <b><u>3.915</u></b>
		$(60 \times 0.896) + 25 =$ <b><u>78.76</u></b>
		$(60 \times 0.434 + 25)/6 =$ <b><u>8.506</u></b>



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	<p>9. Teliban, G.C., Burducea, M., Zheljazkov, V.D., Dincheva, I., Badjakov, I., Munteanu, N., <b>Mihalache, G.</b>, Cojocaru, A., Popa, L.D., Stoleru, V., The effect of myco-biocontrol based formulations on yield, physiology and secondary products of organically grown basil, <b>Agriculture</b>, 11 (2), 180, <b>2021</b> (doi.org/10.3390/agriculture11020180), AIS= <b>0.434</b> (<a href="https://www.mdpi.com/2077-0472/11/2/180">https://www.mdpi.com/2077-0472/11/2/180</a>), (nr. autori = 10), (co-autor).</p> <p>10. Dogaru, B.-I., Stoleru, V., <b>Mihalache, G.</b>, Yonsel, S., Popescu, M.-C. Gelatin reinforced with CNCs as nanocomposite matrix for <i>Trichoderma harzianum</i> KUEN 1585 spores in seed coatings. <b>Molecules</b>, 26, 5755, <b>2021</b> (doi.org/10.3390/molecules26195755), AIS= <b>0.671</b> (<a href="https://www.mdpi.com/1420-3049/26/19/5755">https://www.mdpi.com/1420-3049/26/19/5755</a>), (nr. autori = 5), (co-autor).</p> <p>11. <b>Mihalache, G.</b>, Peres, C.I., Bodale, I., Achitei, V., Gheorghitoiaie, M.V., Teliban, G.C., Cojocaru, A., Butanariu, M., Muraru, V., Stoleru, V., Tomato crop performances under chemical nutrients monitored by electric signal, <b>Agronomy</b>, 10 (12), 1915, <b>2020</b> (doi.org/10.3390/agronomy10121915), AIS = <b>0.519</b> (<a href="https://www.mdpi.com/journal/agronomy">https://www.mdpi.com/journal/agronomy</a>), (autor principal).</p> <p>12. Stoleru, V., Burlica, R., <b>Mihalache, G.</b>, Dirlau, D., Padureanu, S., Teliban, G.C., Astanei, A.D., Cojocaru, A., Beniuga, O., Patras, A., Plant growth promotion effect of plasma activated water on <i>Lactuca sativa</i> L. cultivated in two different volumes of substrate, <b>Scientific Reports</b>, 10 (1), 20920, <b>2020</b> (doi.org/10.1038/s41598-020-77355-w), AIS = <b>1.285</b> (<a href="https://www.nature.com/srep/about">https://www.nature.com/srep/about</a>), (nr. autori = 10), (co-autor).</p> <p>13. Stoleru, V., Inculet, C.S., <b>Mihalache, G.</b>, Cojocaru, A., Teliban, G.C., Caruso, G., Yield and nutritional response of greenhouse grown tomato cultivars to sustainable fertilization and irrigation management, <b>Plants</b>, 9 (8), 1053, <b>2020</b> (doi.org/10.3390/plants9081053), AIS = <b>0.759</b> (<a href="https://www.mdpi.com/journal/plants">https://www.mdpi.com/journal/plants</a>), (nr. autori = 6), (co-autor).</p> <p>14. Stoleru V., Slabu C., Vitanescu M., Peres C., Cojocaru A., Covasa M., <b>Mihalache G.</b>,</p>	(60 x 0.434 + 25)/6 = <b>8.506</b>
		(60 x 0.671 + 25)/5 = <b>13.052</b>
		(60 x 0.519) + 25 = <b>56.14</b>
		(60 x 1.285 + 25)/10 = <b>10.21</b>
		(60 x 0.759 + 25)/6 = <b>11.756</b>
		(60 x 0) + 25 = <b>25</b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<p>Tolerance of three quinoa cultivars (<i>Chenopodium quinoa</i> Willd.) to salinity and alkalinity stress during germination stage., <b>Agronomy</b>, 9(6): 287, 2019 (doi.org/10.3390/agronomy9060287), AIS = 0 (<a href="https://www.mdpi.com/2073-4395/9/6/287">https://www.mdpi.com/2073-4395/9/6/287</a>), (autor principal).</p> <p>15. Inculet C.S., Mihalache G., Sellitto V.M., Hlihor R.M, Stoleru V., The effects of a microorganisms-based commercial product on the morphological, biochemical and yield of tomato plants under two different water regimes., <b>Microorganisms</b>, 7(12): 706, 2019 (doi.org/10.3390/microorganisms7120706), AIS = 0 (<a href="https://www.mdpi.com/2076-2607/7/12/706">https://www.mdpi.com/2076-2607/7/12/706</a>), (autor principal-corespondent)</p>	(60 x 0) + 25 = <b>25</b>
		<b>TOTAL = 332.862</b>
	<p>2. Cărți științifice de autor (monografii, tratate, îndrumare, culegeri) publicate (pentru prima ediție *) în edituri:</p>	în străinătate: 30 puncte la 100 pagini/număr autori, indexate WorldCat în țară acreditate CNCS: 40 puncte la 100 pagini / număr autori <i>* pentru edițiile revizuite și adăugite, se va acorda jumătate din punctaj</i>
	<p>3. Contracte de cercetare științifică obținute prin competiție derulate în ultimii 5 ani prin Universitate</p>	Finanțare Internațională sau Națională director de proiect: 100 puncte x (valoare grant în euro)/ 100.000 euro membru echipa proiect: 25 puncte x (valoare grant în euro)/ 100.000 euro
	<p>4. Brevete</p>	internaționale: 75 puncte/ număr autori naționale: 25 puncte/ număr autori în străinătate: 40 puncte/ număr autori



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	<p><b>5.</b> Produse și/sau servicii inovative cu impact economic demonstrabil prin documente emise de autorități legale (OSIM, RENAR, ASRO)</p> <p><b>6.</b> Citări și recenzii ale creației de autor obținute în ultimii 5 ani (exclus autocitări/ o citare se va cuantifica o singură dată)</p>	în țară: 40 puncte/ număr autori
	<p><b>Lucrarea citată:</b> <i>Interaction Effects of Cultivars and Nutrition on Quality and Yield of Tomato, Horticulturae</i> 9, 5, 2023. Autorii: Rusu O.R., Mangalagiu I., Amăriucăi-Mantu D., Teliban G.-C., Cojocaru A., Burducea M., <b>Mihalache G.</b>, Roșca M., Caruso G., Sekara A., Stoleru V. (<i>Număr autori: 11</i>)</p> <p>1. Khatib M., et al., Polysaccharides and Phenolic Compounds Recovered from Red Bell Pepper, Tomato and Basil By-Products Using a Green Extraction by Extractor Timatic®. <b>INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES</b>, 24(23), 16653, <b>2023. AIS: 1.030</b></p> <p>2. González-Cortés A., et al., Yield and Antioxidant Quality of Habanero Chili Pepper by Supplementing Potassium with Organic Products. <b>HORTICULTURAE</b>, 9(7), 797, <b>2023. AIS: 0.375</b></p> <p>3. Liu Y.P., et al., Improvement by application of three nanomaterials on flavor quality and physiological and antioxidant properties of tomato and their comparison. <b>PLANT PHYSIOLOGY AND BIOCHEMISTRY</b>, 201, 107834, <b>2023. AIS: 0.860</b></p> <p>4. Istrate A.M.R., et al., Quality and yield of edible vegetables from landscape design. <b>HORTICULTURAE</b>, 9(6), 615, <b>2023. AIS: 0.375</b></p>	în reviste de specialitate indexate <i>Web of Science</i> , <i>Clarivate Analytics</i> : (10 + 20 x AIS) / număr autori Nota: AIS-ul este al revistei care citează
	<p><b>Lucrarea citată:</b> <i>Efficient removal of methylene blue and ciprofloxacin from aqueous solution using flower-like, nanostructured ZnO coating under UV irradiation. Nanomaterials</i>, 12(13), 2193., 2022. Autorii: Tiron V., Ciolan M.A., Bulai G., <b>Mihalache G.</b>, Lipsa F.D., Jijie R. (<i>Număr autori: 6</i>)</p>	(10 + 20 * 1.030)/ 11 = <b>2.781</b>
		(10 + 20 * 0.375)/ 11 = <b>1.590</b>
		(10 + 20 * 0.860)/ 11 = <b>2.472</b>
		(10 + 20 * 0.375)/ 11 = <b>1.590</b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<ol style="list-style-type: none"><li>1. Reis GSd., Subramaniyam C.M., Nanostructured and Functional Nanomaterials for Energy Storage and Removal of Pollutants. <b>NANOMATERIALS</b>, 13(19), 2631, 2023. AIS:0.712</li><li>2. Matei T., Tiron V., Jijie R., Bulai G., Velicu I.-L., Cristea D. and Crăciun V., Band-gap engineering of zirconia by nitrogen doping in reactive HiPIMS: a step forward in developing innovative technologies for photocatalysts synthesis. <b>FRONTIERS IN CHEMISTRY</b>, 11, 1239964, 2023. AIS:0.961</li><li>3. Tiron V., Jijie R., Matei T., Velicu I.-L., Gurlui S., Bulai G., Piezo-Enhanced Photocatalytic Performance of Bismuth Ferrite-Based Thin Film for Organic Pollutants Degradation. <b>COATINGS</b>, 13(8), 1416, 2023. AIS: 0.439</li><li>4. Jalees M.I., Rauf Y., Iqbal A., Zahara N., Cevik E., Synthesis and characterization of iron-doped titania nanoparticles for the removal of DPP-IV inhibitor from the aqueous samples. <b>DESALINATION AND WATER TREATMENT</b>, 298, 2023. AIS: 0.113</li><li>5. Tiron V., Jijie R., Dumitru I., Cimpoesu N., Burducea I., Iancu D., Borhan A., Gurlui S., Bulai G., Piezo-Ferroelectric Response of Bismuth Ferrite Based Thin Films and Their Related Photo/Piezocatalytic Performance. <b>CERAMICS INTERNATIONAL</b>, 49 (12), 20304–20314, 2023. AIS: 0.590</li><li>6. Motelica L., Vasile B.-S., Ficai A., Surdu A.-V., Ficai D., Oprea O.-C., Andronescu E., Jinga D.C., Holban A.M., Influence of the Alcohols on the ZnO Synthesis and Its Properties: The Photocatalytic and Antimicrobial Activities. <b>PHARMACEUTICS</b>, 14(12):2842, 2022. AIS:0.756</li></ol>	(10 + 20 * 0.712)/ 6 = <b><u>4.04</u></b>
		(10 + 20 * 0.961)/ 6 = <b><u>4.87</u></b>
		(10 + 20 * 0.439)/ 6 = <b><u>3.13</u></b>
		(10 + 20 * 0.113)/ 6 = <b><u>2.043</u></b>
		(10 + 20 * 0.590)/ 6 = <b><u>3.633</u></b>
		(10 + 20 * 0.756)/ 6 = <b><u>4.186</u></b>
	<p><b>Lucrarea citată:</b> <i>Morphological, Physiological and Quality Performances of Basil Cultivars under Different Fertilization Types.</i> Agronomy 12(12), 3219, 2022. Autorii: Teliban G.-C., Burducea M., <u>Mihalache G.</u>, Zheljazkov V.D., Dincheva I., Badjakov I., Popa L.-D., Bodale I., Vlăduț N.-V., Cojocaru A., Munteanu N., Stan T., Caruso G., Stoleru V. (<b>Număr autori: 14</b>)</p>	



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<ol style="list-style-type: none"><li>1. Gălab T., ‘Soil and Plant Nutrition’—A Section of <i>Agronomy: Advances and Perspectives</i>. <b>AGRONOMY</b>, 13(10), 2461, 2023. AIS: 0.497</li><li>2. Brindisi L.J. and Simon J.E., Preharvest and postharvest techniques that optimize the shelf life of fresh basil (<i>Ocimum basilicum</i> L.): a review. <b>FRONTIERS IN PLANT SCIENCES</b>, 14:1237577, 2023. AIS: 1.076</li><li>3. Nin S., Bini L., Antonetti M., Manzi D., Bonetti D., Growing ‘Genovese’ and ‘Valentino’ Basil in Pots Using Peat Substrate Combined with Phytoremediated Sediment: Effects on Yield and Nutraceutical Content. <b>SUSTAINABILITY</b>, 15(9):7314, 2023. AIS: 0.527</li><li>4. Burducea I., Burducea C., Mereuta P.-E., Sirbu S.-R., Iancu D.-A., Istrati M.-B., Straticiu M., Lungoci C., Stoleru V., Teliban G.-C., et al. Helium Atmospheric Pressure Plasma Jet Effects on Two Cultivars of <i>Triticum aestivum</i> L. <b>FOODS</b>, 12, 208, 2023. AIS: 0.644</li></ol> <p><b>Lucrarea citată:</b> <i>Potential of continuous electric current on biometrical, physiological and quality characteristics of organic tomato. Applied Sciences</i> 12 (9), 4211, 2022. Autorii: Gheorghitoiae, M.V., Bodale, I., Achitei, V., Teliban, G.C., Cojocaru, A., Caruso, G., <b>Mihalache, G.</b>, Stoleru, V. (Număr autori: 8)</p> <ol style="list-style-type: none"><li>1. Istrate A.M.R., Cojocariu M., Teliban G.C., Cojocaru A., Stoleru V., Quality and yield of edible vegetables from landscape design. <b>HORTICULTURAE</b>, 9(6), 615, 2023. AIS: 0.375</li></ol> <p><b>Lucrarea citată:</b> <i>Nutritional and antinutritional compounds in leaves of quinoa, Food Bioscience</i> 45, 101494, 2022. Autorii: Stoleru, V., Jacobsen, S.-E., Vitanescu, M., Jitareanu, G., Butnariu, M., Munteanu, N., Stan, T., Teliban, G. C., Cojocaru, A., <b>Mihalache, G.</b> (Număr autori: 10)</p> <ol style="list-style-type: none"><li>1. Taaiime N., Rafik S., El Mejahed K., Oukarroum A., Choukr-Allah R., Bouabid R. and El Gharous M., Worldwide development of agronomic management practices for quinoa cultivation: a systematic review. <b>FRONTIERS IN AGRONOMY</b>, 5:1215441, 2023. AIS: 0</li><li>2. Hernández E.H.M., Morillo Coronado A.C., Cárdenas Chaparro A. and Merchán López C., Yield, phenology and triterpene saponins in</li></ol>	(10 + 20 * 0.497)/ 14 = <b><u>1.424</u></b>
		(10 + 20 * 1.076)/ 14 = <b><u>2.251</u></b>
		(10 + 20 * 0.527)/ 14 = <b><u>1.467</u></b>
		(10 + 20 * 0.644)/ 14 = <b><u>1.634</u></b>
		(10 + 20 * 0.375)/ 8 = <b><u>2.187</u></b>
		(10 + 20 * 0.946)/ 10 = <b><u>2.892</u></b>
		(10 + 20 * 0.919)/ 10 = <b><u>2.838</u></b>



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	<p>Colombian quinoa. <b>Front. Sustain. Food Syst.</b> 6:919885, <b>2022. AIS: 0.919</b></p> <p>3. Stoleru V., Vitanescu M., Teliban G.-C., Cojocaru A., Vlase L., Gheldiu A.-M., Mangalagiu I., Amăriucăi-Mantu D., Burducea M., Zheljazkov V., et al. Phytosterol and Polyphenol Contents and Quinoa Leave Yields Variation in Relationships to Variety, Density and Harvesting Date. <b>AGRONOMY</b>, 12(10):2397, <b>2022. AIS: 0.497</b></p> <p>4. Campos-Rodriguez Y., Acosta-Coral K., &amp; Paucar-Menacho L. M., Quinua (<i>Chenopodium quinoa</i>): Composición nutricional y Componentes bioactivos del grano y la hoja, e impacto del tratamiento térmico y de la germinación. <b>SCIENTIA AGROPECUARIA</b>, 13(3), 209-220, <b>2022. AIS: 0.147</b></p> <p>5. Brito I., Chantelle,L., Magnani,M., Cordeiro A. M., Nutritional, therapeutic, and technological perspectives of quinoa (<i>Chenopodium quinoa</i> Willd.): A review. <b>JOURNAL OF FOOD PROCESSING AND PRESERVATION</b>, 46(5), e16601, <b>2022. AIS: 0.295</b></p> <p>6. Villacrés E., Quelal M., Galarza S., Iza D., Silva E., Nutritional Value and Bioactive Compounds of Leaves and Grains from Quinoa (<i>Chenopodium quinoa</i> Willd.). <b>PLANTS-BASEL</b>, 11(2), <b>2022. AIS: 0.623</b></p> <p>7. Chirita R., Teliban G.C., Munteanu N., et al., Yield performances of quinoa for leaves under irrigation and fertilisation regime, <b>SCIENTIFIC PAPERS-SERIES B-HORTICULTURE</b> 66(1), 667-673, <b>2022. AIS: 0.018</b></p>	$(10 + 20 * 0.497) / 10 =$ <b><u>1.994</u></b>
		$(10 + 20 * 0.147) / 10 =$ <b><u>1.294</u></b>
		$(10 + 20 * 0.295) / 10 =$ <b><u>1.59</u></b>
		$(10 + 20 * 0.623) / 10 =$ <b><u>2.246</u></b>
		$(10 + 20 * 0.018) / 10 =$ <b><u>1.036</u></b>
	<p><b>Lucrarea citată:</b> Gelatin Reinforced with CNCs as Nanocomposite Matrix for <i>Trichoderma harzianum</i> KUEN 1585 Spores in Seed Coatings. <b>Molecules</b> 26(19), 5755, 2021. <b>Autorii:</b> Dogaru B., Stoleru V., <b>Mihalache G.</b>, Yonsel S., Popescu M.C. (<b>Număr autorii: 5</b>)</p> <p>1. Zhan A.P., Abdalkarim S.Y.H., Yu, H.Y., Sustainable cellulose nanocrystal based hydrophobic coatings with excellent self-cleaning and high thermal stability for multi-scenario applications, <b>INDUSTRIAL CROPS AND PRODUCTS</b> 204(B):117382, <b>2023. AIS: 0.735</b></p>	$(10 + 20 * 0.735) / 5 =$ <b><u>4.94</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<p>2. Onyeaka P. O., Dai H., Feng X., Wang H., Fu Y., Yu Y., Zhu H., Chen H., Ma L., Zhang Y., Effect of Different Types of Nanocellulose on the Structure and Properties of Gelatin Films. <b>FOOD HYDROCOLLOIDS</b> 144, 108972, 2023. AIS: 1.305</p> <p>3. Edward S., Golecki H.M., Gelatin Soft Actuators: Benefits and Opportunities. <b>ACTUATORS</b> 12(2):63, 2023. AIS: 0.425</p> <p>4. Akhter S., Khan M.A., Mahmud S., et al., Biosynthesis and characterization of bacterial nanocellulose and polyhydroxyalkanoate films using bacterial strains isolated from fermented coconut water, <b>PROCESS BIOCHEMISTRY</b>, 122(1): 214-223, 2022. AIS: 0.551</p> <p>5. Ratna, Aprilia S., Arahman N., Bilad M.R., et al., Bio-Nanocomposite Based on Edible Gelatin Film as Active Packaging from Clarias gariepinus Fish Skin with the Addition of Cellulose Nanocrystalline and Nanopropolis, <b>POLYMERS</b>, 14(18): 3738, 2022. AIS: 0.606</p>	$(10 + 20 * 1.305) / 5 =$ <b><u>7.22</u></b>  $(10 + 20 * 0.425) / 5 =$ <b><u>3.7</u></b>  $(10 + 20 * 0.551) / 5 =$ <b><u>4.204</u></b>  $(10 + 20 * 0.606) / 5 =$ <b><u>4.424</u></b>
	<p><b>Lucrarea citată:</b> Zebrafish as a screening model to study the single and joint effects of antibiotics. <i>Pharmaceuticals</i> 14, 578, 2021. Autorii: Jijie R., <b>Mihalache G.</b>, Balmus I.-M., Strungaru S.-A., Baltag E.S., Ciobica A., Nicoara M., Faggio C. (<b>Număr autorii: 8</b>)</p> <p>1. Zhang Z., Qiu T., Zhou J., Gong X., Yang K., Zhang X., Lan Y., Yang C., Zhou Z., Ji Y., Toxic Effects of Sirolimus and Everolimus on the Development and Behavior of Zebrafish Embryos. <b>BIOMEDICINE &amp; PHARMACOTHERAPY</b> 166, 115397, 2023. AIS: 0.966</p> <p>2. Zhang Y., Xiu W., Yan M., Guo X., Ni Z., Gu J., Tang T., Liu F., Adverse Effects of Sulfamethoxazole on Locomotor Behavior and Lipid Metabolism by Inhibiting Acetylcholinesterase and Lipase in Daphnia Magna. <b>SCIENCE OF THE TOTAL ENVIRONMENT</b> 892, 164631, 2023. AIS: 1.436</p> <p>3. Voinea I. C., Alistar C. F., Banciu A., Popescu R. G., Voicu S. N., Nita-Lazar M., et al., Snapshot of the pollution-driven metabolic and microbiota changes in Carassius gibelio from Bucharest leisure lakes. <b>SCIENCE OF THE TOTAL</b></p>	$(10 + 20 * 0.966) / 8 =$ <b><u>3.665</u></b>  $(10 + 20 * 1.436) / 8 =$ <b><u>4.84</u></b>  $(10 + 20 * 1.436) / 8 =$ <b><u>4.84</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<b>ENVIRONMENT</b> 884, 163810, 2023. AIS: <b>1.436</b> 4. Caioni G., Benedetti E., Perugini M., Amorena M., Merola C., Personal Care Products as a Contributing Factor to Antimicrobial Resistance: Current State and Novel Approach to Investigation. <b>ANTIBIOTICS</b> 12(4):724, 2023. AIS: <b>0.756</b> 5. Gałzka A., Jankiewicz U., Szczepkowski A., Biochemical Characteristics of Laccases and Their Practical Application in the Removal of Xenobiotics from Water. <b>APPLIED SCIENCES</b> 13(7):4394, 2023. AIS: <b>0.414</b> 6. Banaee M., Sagvand S., Sureda A., Amini M., Hagh B. N., Sopjani M., et al., Evaluation of single and combined effects of mancozeb and metalaxyl on the transcriptional and biochemical response of zebrafish ( <i>Danio rerio</i> ). <b>COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY PART C: TOXICOLOGY &amp; PHARMACOLOGY</b> 268, 109597, 2023. AIS: <b>0.570</b> 7. Merola C., Caioni G., Cimini A., Perugini M., & Benedetti E., Sodium valproate exposure influences the expression of <i>pparg</i> in the zebrafish model. <b>BIRTH DEFECTS RESEARCH</b> 115(6), 658–667, 2023. AIS: <b>0.789</b> 8. Santos K. P. E. dos, Ferreira Silva I., Mano-Sousa B. J., Duarte-Almeida J. M., Castro W. V. de, Azambuja Ribeiro R. I. M. de, et al., Abamectin promotes behavior changes and liver injury in zebrafish. <b>CHEMOSPHERE</b> , 311, 136941, 2023. AIS: <b>1.140</b> 9. Fortuna M., Soares S.M., Pompermaier A., et al., Exposure to levonorgestrel-based birth control pill in early life and its persistent effects in zebrafish, <b>ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY</b> , 96, 104006, 2022. AIS: <b>0.712</b> 10. Porretti M., Arrigo F., Di Bella G., Faggio C., Impact of pharmaceutical products on zebrafish: An effective tool to assess aquatic pollution, <b>COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY &amp; PHARMACOLOGY</b> , 261: 109439, 2022. AIS: <b>0.570</b> 11. Suryanto M.E., Yang C.-C., Audira G., et al., Evaluation of Locomotion Complexity in	(10 + 20 * 0.756)/ 8 = <b><u>3.14</u></b>
		(10 + 20 * 0.414)/ 8 = <b><u>2.285</u></b>
		(10 + 20 * 0.570)/ 8 = <b><u>2.675</u></b>
		(10 + 20 * 0.789)/ 8 = <b><u>3.222</u></b>
		(10 + 20 * 1.140)/ 8 = <b><u>4.1</u></b>
		(10 + 20 * 0.712)/ 8 = <b><u>3.03</u></b>
		(10 + 20 * 0.570)/ 8 = <b><u>2.675</u></b>
		(10 + 20 * 0.756)/ 8 = <b><u>3.14</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	Zebrafish after Exposure to Twenty Antibiotics by Fractal Dimension and Entropy Analysis. <b>ANTIBIOTICS</b> , 11, 1059, 2022. AIS: 0.756 12. Ozkan-Kotiloglu S., Arslan P., Akca G., Gunal A.C., Are BPA-free plastics safe for aquatic life? Fluorene-9-bisphenol induced thyroid-disrupting effects and histopathological alterations in adult zebrafish ( <i>Danio rerio</i> ), <b>COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOOTOICOLOGY &amp; PHARMACOLOGY</b> , 260: 109419, 2022. AIS: 0.570 13. Ilie O-D., Duta R., Jijie R., et al., Assessing Anti-Social and Aggressive Behavior in a Zebrafish ( <i>Danio rerio</i> ) Model of Parkinson's Disease Chronically Exposed to Rotenone. <b>BRAIN SCIENCES</b> 12(7):898, 2022. AIS: 0.772 14. Vali S., Majidiyan N., Azadikhah D., et al. Effects of Diazinon on the Survival, Blood Parameters, Gills, and Liver of Grass Carp ( <i>Ctenopharyngodon idella</i> Valenciennes, 1844; Teleostei: Cyprinidae). <b>WATER</b> 14(9):1357, 2022. AIS: 0.517 15. Zhang N., Ma H., Zhang Z., et al., Characterization and immunomodulatory effect of an alkali-extracted galactomannan from <i>Morchella esculenta</i> , <b>CARBOHYDRATE POLYMERS</b> , 278, 118960, 2022. AIS: 1.241 16. Medkova D., Lakdawala P., Hodkovicova N., et al., Effects of different pharmaceutical residues on embryos of fish species native to Central Europe, <b>CHEMOSPHERE</b> , 291, 132915, 2022. AIS: 1.140 17. Yan J., Zhao Z.J., Xia M., et al., Induction of lipid metabolism dysfunction, oxidative stress and inflammation response by tris(1-chloro-2-propyl) phosphate in larval/adult zebrafish, <b>ENVIRONMENT INTERNATIONAL</b> , 160, 107081, 2022. AIS: 2.329 18. Antache M., Calmuc V., Petrea S.M., Simionov I.A., Calmuc M., Nica A., Cristea D., Neculita M., The influence of pharmaceutical residues from surface waters on fish oxidative stress: a review. <b>SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION &amp; SURVEYING ENVIRONMENTAL ENGINEERING</b> , 11, 2022. AIS: 0.035 19. Li Z., Junaid M., Chen G., Wang J., Interactions and associated resistance development	(10 + 20 * 0.570)/ 8 = <b><u>2.675</u></b>
		(10 + 20 * 0.772)/ 8 = <b><u>3.18</u></b>
		(10 + 20 * 0.517)/ 8 = <b><u>2.542</u></b>
		(10 + 20 * 1.241)/ 8 = <b><u>4.352</u></b>
		(10 + 20 * 1.140)/ 8 = <b><u>4.1</u></b>
		(10 + 20 * 2.329)/ 8 = <b><u>7.072</u></b>
		(10 + 20 * 0.035)/ 8 = <b><u>1.337</u></b>



DESCRIPTORI	PUNCTAJUL ACORDAT
mechanisms between microplastics, antibiotics and heavy metals in the aquaculture environment, <b>REVIEWS IN AQUACULTURE</b> 14: 1028– 1045, 2022. AIS: <b>1.767</b>	(10 + 20 * 1.767)/ 8 = <b><u>5.667</u></b>
20. Paduraru E, Flocea E-I, Lazado CC, Simionov I-A, Nicoara M, Ciobica A, Faggio C, Jijie R. Vitamin C Mitigates Oxidative Stress and Behavioral Impairments Induced by Deltamethrin and Lead Toxicity in Zebrafish. <b>INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES.</b> 22(23):12714, 2021. AIS: <b>1.064</b>	(10 + 20 * 1.064)/ 8 = <b><u>3.91</u></b>
21. Blahova J, Doubkova V, Plhalova L, Lakdawala P, Medkova D, Vecerek V, Svobodova Z, Faggio C., Embryotoxicity of Selective Serotonin Reuptake Inhibitors—Comparative Sensitivity of Zebrafish ( <i>Danio rerio</i> ) and African Clawed Frog ( <i>Xenopus laevis</i> ) Embryos. <b>APPLIED SCIENCES,</b> 11(21):10015, 2021. AIS: <b>0.409</b>	(10 + 20 * 0.409)/ 8 = <b><u>2.272</u></b>
22. Hubená P, et al., Prescribed aggression of fishes: Pharmaceuticals modify aggression in environmentally relevant concentrations. <b>ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY</b> , 227, 2021. AIS: <b>0.873</b>	(10 + 20 * 0.873)/ 8 = <b><u>3.432</u></b>
23. Gallego-Ríos S.E., Peñuela G.A., Martínez-López E., Updating the use of biochemical biomarkers in fish for the evaluation of alterations produced by pharmaceutical products, <b>ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY</b> , 88, 103756, 2021. AIS: <b>0.665</b>	(10 + 20 * 0.665)/ 8 = <b><u>2.912</u></b>
24. Li S., Zhang Y., Xue H., Zhang Q., Chen N., Wan J., Sun L., Chen Q., Zong Y., Zhuang F., Gu P., Zhang A., Cui F., Tu Y., Integrative effects based on behavior, physiology and gene expression of tritiated water on zebrafish, <b>ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY</b> , 225, 112770, 2021. AIS: <b>0.873</b>	(10 + 20 * 0.873)/ 8 = <b><u>3.432</u></b>
25. Zhang X-Y, Liu Y-H, Liu D-Z, Xu J-Y, Zhang Q., Insulin-Mimic Components in Acer truncatum Leaves: Bio-Guided Isolation, Annual Variance Profiling and Regulating Pathway Investigated by Omics. <b>PHARMACEUTICALS.</b> 14(7):662, 2021. AIS: <b>0.896</b>	(10 + 20 * 0.896)/ 8 = <b><u>3.49</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<p><b>Lucrarea citată:</b> <i>The effect of myco-biocontrol based formulates on yield, physiology and secondary products of organically grown basil, Agriculture, 11 (2), 180, 2021. Autorii: Teliban G.C., Burducea M., Zheljazkov V.D., Dincheva I., Badjakov I., Munteanu N., Mihalache G., Cojocaru A., Popa L.D., Stoleru V. (Număr autori = 10)</i></p> <ol style="list-style-type: none"><li>1. Li H., Li C., Song X., Li J., Zhang P., Sun F., Geng Z. and Liu X., Isolation and identification of antagonistic <i>Bacillus amyloliquefaciens</i> HSE-12 and its effects on peanut growth and rhizosphere microbial community. <b>FRONTIERS IN MICROBIOLOGY</b>, 14:1274346, 2023. AIS: <b>1.159</b></li><li>2. Stoleru V., Vitanescu M., Teliban G.-C., et al., Phytosterol and Polyphenol Contents and Quinoa Leave Yields Variation in Relationships to Variety, Density and Harvesting Date. <b>AGRONOMY</b>, 12(10):2397, 2022. AIS: <b>0.497</b></li><li>3. Burducea M., Lobiuc A., Dirvariu L., et al., Assessment of the Fertilization Capacity of the Aquaculture Sediment for Wheat Grass as Sustainable Alternative Use. <b>PLANTS</b>, 11(5):634. 2022 AIS: <b>0.623</b></li><li>4. Lungoci C., Motrescu I., Filipov F., et al., The Impact of Salinity Stress on Antioxidant Response and Bioactive Compounds of <i>Nepeta cataria</i> L. <b>AGRONOMY</b>, 12(3):562, 2022. AIS: <b>0.497</b></li><li>5. Comite E., El-Nakhel C., Roushanel Y., Ventorino V., Pepe O., Borzacchiello A., Vinale F., Rigano D., Staropoli A., Lorito M., Woo SL. Bioformulations with Beneficial Microbial Consortia, a Bioactive Compound and Plant Biopolymers Modulate Sweet Basil Productivity, Photosynthetic Activity and Metabolites. <b>PATHOGENS</b>, 10(7):870, 2021. AIS: <b>0.850</b></li><li>6. Hangan A.M.R., Cojocaru A., Teliban G.C., Vintu V., Stoleru V., Urban and peri-urban vegetable gardens composition, <b>SCIENTIFIC PAPERS-SERIES B-HORTICULTURE</b>, 65(1): 465-472. 2021. AIS: <b>0.025</b></li></ol>	$(10 + 20 * 1.159) / 10 =$ <b><u>3.318</u></b>
		$(10 + 20 * 0.497) / 10 =$ <b><u>1.994</u></b>
		$(10 + 20 * 0.623) / 10 =$ <b><u>2.246</u></b>
		$(10 + 20 * 0.497) / 10 =$ <b><u>1.994</u></b>
		$(10 + 20 * 0.850) / 10 =$ <b><u>2.7</u></b>
	<p><b>Lucrarea citată:</b> <i>Evaluation of the nutrients uptake by tomato plants in different phenological stages using an electrical conductivity technique, Agriculture, 11 (2), 180, 2021. Autorii: Bodale I., Mihalache G., Achitei V., Teliban G.C., Cazacu A., Stoleru V. (Număr autori = 6)</i></p>	$(10 + 20 * 0.025) / 10 =$ <b><u>1.05</u></b>



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	<ol style="list-style-type: none"><li>1. Van Haeverbeke M., De Baets B. and Stock M., Plant impedance spectroscopy: a review of modeling approaches and applications. <b>FRONTIERS IN PLANTS SCIENCE</b>, 14:1187573, <b>2023</b>. AIS: <b>1.076</b></li><li>2. Espinosa-Antón A.A., Zamora-Natera J.F., Zarazúa-Villaseñor P., Santacruz-Ruvalcaba F., Sánchez-Hernández C.V., Águila Alcántara E., Torres-Morán M.I., Velasco-Ramírez A.P., Hernández-Herrera R.M., Application of Seaweed Generates Changes in the Substrate and Stimulates the Growth of Tomato Plants. <b>PLANTS</b>, 12(7):1520, <b>2023</b>. AIS: <b>0.623</b></li><li>3. Hoang A.N., Thao N.P.T., Minh N.N.T. et al., A simple method for in vitro growth stimulation of tomato plantlets (<i>Solanum lycopersicum</i>) through supplementation of <i>Rhizophagus irregularis</i> MUCL43194 spores in the MS culture medium. <b>PLANT CELL TISSUE AND ORGAN CULTURE</b>, 153, 577–586, <b>2023</b>. AIS: <b>0.370</b></li><li>4. Hameed M.R., Attia H., Riaz U., et al., Consortium between Groundwater Quality and Lint Yield in Cotton Belt Areas. <b>WATER</b>, 14(19):3136, <b>2022</b>. AIS: <b>0.517</b></li><li>5. Sai K., Sood N., Saini I., Classification of various nutrient deficiencies in tomato plants through electrophysiological signal decomposition and sample space reduction, <b>PLANT PHYSIOLOGY AND BIOCHEMISTRY</b>, 186, 266-278, <b>2022</b>. AIS: <b>0.860</b></li><li>6. Raffa W.D., Migliore M., Campanelli G., et al., Effects of Faba Bean Strip Cropping in an Outdoor Organic Tomato System on Soil Nutrient Availability, Production, and N Budget under Different Fertilizations. <b>AGRONOMY</b>, 12, 1372, <b>2022</b>. AIS: <b>0.497</b></li><li>7. Dai H.F., Jiang B., Zhao J.S., et al., Metabolomics and Transcriptomics Analysis of Pollen Germination Response to Low-Temperature in Pitaya (<i>Hylocereus polyrhizus</i>). <b>FRONT. PLANT SCI.</b> 13:866588, <b>2022</b>. AIS: <b>1.076</b></li><li>8. Lu T., Yu H., Wang T., et al., Influence of the Electrical Conductivity of the Nutrient Solution in Different Phenological Stages on the Growth and Yield of Cherry Tomato. <b>HORTICULTURAE</b>, 8, 378, <b>2022</b>. AIS: <b>0.375</b></li><li>9. Adedayo A.A., Fadiji A.E., Babalola O.O., The Effects of Plant Health Status on the Community</li></ol>	$(10 + 20 * 1.076) / 6 = \underline{\underline{5.253}}$ $(10 + 20 * 0.623) / 6 = \underline{\underline{3.743}}$
		$(10 + 20 * 0.370) / 6 = \underline{\underline{2.9}}$
		$(10 + 20 * 0.517) / 6 = \underline{\underline{3.39}}$
		$(10 + 20 * 0.860) / 6 = \underline{\underline{4.533}}$
		$(10 + 20 * 0.497) / 6 = \underline{\underline{3.323}}$
		$(10 + 20 * 1.076) / 6 = \underline{\underline{5.253}}$
		$(10 + 20 * 0.375) / 6 = \underline{\underline{2.916}}$



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<p>Structure and Metabolic Pathways of Rhizosphere Microbial Communities Associated with Solanum lycopersicum. <b>HORTICULTURAE</b>, 8, 404, 2022. AIS: 0.375</p> <p>10. Mejía P.A., Ruíz-Zubiate J.L., Correa-Bustos A., et al., Effects of Vermicompost Substrates and Coconut Fibers Used against the Background of Various Biofertilizers on the Yields of Cucumis melo L. and Solanum lycopersicum L. <b>HORTICULTURAE</b> 8, 445, 2022. AIS: 0.375</p> <p>11. Alfosea-Simón, M., et al., Ionomic, metabolic and hormonal characterization of the phenological phases of different tomato genotypes using omics tools. <b>SCIENTIA HORTICULTURAE</b>, 293, 2022. AIS: 0.555</p> <p><b>Lucrarea citată:</b> <i>Plant growth promotion effect of plasma activated water on Lactuca sativa L. cultivated in two different volumes of substrate. Scientific Reports 10 (1): 20920, 2020. Autorii: Stoleru V., Burlica R., Mihalache G., Dirlau D., Padureanu S., Teliban G.C., Astanei A.D., Cojocaru A., Beniuga O., Patras A. (Număr autori = 10)</i></p> <p>1. Tonmitr N., and Yonesu A., Effect of plasma activated water treated by LF-microwave hybrid plasma on enhancement of seed germination and plant growth. <b>JAPANESE JOURNAL OF APPLIED PHYSICS</b>, 62, SN1017, 2023. AIS: 0.240</p> <p>2. Liu Q., Sugiyama S., Han G., Tsutsumi T., Tanaka H., and Sasaki M., MEMS nozzle for dry-capturing lily pollens in array and fixing on culture media for plasma bio-applications. <b>JAPANESE JOURNAL OF APPLIED PHYSICS</b> 62, SN1015, 2023. AIS: 0.240</p> <p>3. Barjasteh A., Lamichhane P., Dehghani Z. et al. Recent Progress of Non-thermal Atmospheric Pressure Plasma for Seed Germination and Plant Development: Current Scenario and Future Landscape. <b>JOURNAL OF PLANT GROWTH REGULATION</b>, 42, 5417–5432, 2023. AIS: 0.611</p> <p>4. Song I., Jeon H., Priatama R.A. et al., Effect of plasma-activated water on peanut seed germination and vegetative growth in a hydroponic system. <b>PLANT BIOTECHNOLOGY REPORTS</b>, 17, 573–583, 2023. AIS: 0.360</p>	(10 + 20 * 0.375)/ 6 = <b><u>2.916</u></b>
		(10 + 20 * 0.375)/ 6 = <b><u>2.916</u></b>
		(10 + 20 * 0.555)/ 6 = <b><u>3.516</u></b>
		(10 + 20 * 0.240)/ 10 = <b><u>1.48</u></b>
		(10 + 20 * 0.240)/ 10 = <b><u>1.48</u></b>
		(10 + 20 * 0.611)/ 10 = <b><u>2.222</u></b>
		(10 + 20 * 0.360)/ 10 = <b><u>1.72</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	5. Omrani M., Ghasemi M., Modarresi M., Salamon I., Alternations in Physiological and Phytochemical Parameters of German Chamomile ( <i>Matricaria chamomilla L.</i> ) Varieties in Response to Amino Acid Fertilizer and Plasma Activated-Water Treatments. <b>HORTICULTURAE</b> , 9(8):857, 2023. AIS: 0.375 6. Le B.-N. T., Nguyen N.-P., Duong T.-L. H., Nguyen T., Hoang T.-C., Nguyen H.-H. T., et al., Optimizing dissolved gas composition in a double-bath-type sonoreactor for efficient production of ultrasonic-activated water with stable oxygen and nitrogen reactive species. <b>REACTION CHEMISTRY &amp; ENGINEERING</b> , 8, 2297–2308, 2023. AIS: 0.748 7. Javed R., Mumtaz S., Choi E.H., Han I., Effect of Plasma-Treated Water with Magnesium and Zinc on Growth of Chinese Cabbage. <b>INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES</b> , 24(9):8426, 2023. AIS: 1.030 8. Nicoletto C., Falcioni V., Locatelli S., Sambo P., Non-Thermal Plasma and Soilless Nutrient Solution Application: Effects on Nutrient Film Technique Lettuce Cultivation. <b>HORTICULTURAE</b> , 9(2):208, 2023. AIS: 0.375 9. Guragain R.P., Baniya H.B., Shrestha B., Guragain D.P., Subedi D.P., Improvements in Germination and Growth of Sprouts Irrigated Using Plasma Activated Water (PAW). <b>WATER</b> , 15(4):744, 2023. AIS: 0.517 10. Ruamrusri S., Sawangrat C., Panjama K., Sojithamporn P., Jaipinta S., Srisuwan W., Intanoo M., Inkham C., Thanapornpoonpong S-n., Effects of Using Plasma-Activated Water as a Nitrate Source on the Growth and Nutritional Quality of Hydroponically Grown Green Oak Lettuces. <b>HORTICULTURAE</b> , 9(2):248, 2023. AIS: 0.375 11. Burducea I., Burducea C., Mereuta P.-E., Sirbu S.-R., Iancu D.-A., Istrati M.-B., Straticiuc M., Lungoci C., Stoleru V., Teliban G.-C., et al. Helium Atmospheric Pressure Plasma Jet Effects on Two Cultivars of <i>Triticum aestivum</i> L. <b>FOODS</b> , 12, 208, 2023. AIS: 0.644 12. Kuzin A., Solovchenko A., Khort D., Filippov R., Lukanin V., Lukina N., Astashev M., Konchekov	(10 + 20 * 0.375)/ 10 = <b><u>1.75</u></b>
		(10 + 20 * 0.748)/ 10 = <b><u>2.496</u></b>
		(10 + 20 * 1.030)/ 10 = <b><u>3.06</u></b>
		(10 + 20 * 0.375)/ 10 = <b><u>1.75</u></b>
		(10 + 20 * 0.517)/ 10 = <b><u>2.034</u></b>
		(10 + 20 * 0.375)/ 10 = <b><u>1.75</u></b>
		(10 + 20 * 0.644)/ 10 = <b><u>2.288</u></b>



DESCRIPTORI	PUNCTAJUL ACORDAT
E., Effects of Plasma-Activated Water on Leaf and Fruit Biochemical Composition and Scion Growth in Apple. <b>PLANTS</b> , 12(2):385, <b>2023</b> . AIS: <b>0.623</b>	(10 + 20 * 0.623)/ 10 = <b><u>2.246</u></b>
13. Shaik A.M. and E.H. Choi, Neutral – Eradication of As (III) and Congo red (CR) with green iron oxide (GIO) loaded chitosan(C) - (C - GIO) beads by a non – thermal plasma jet via potential study. <b>CHEMOSPHERE</b> , 337, 139363, <b>2023</b> . AIS: <b>1.140</b>	(10 + 20 * 1.140)/ 10 = <b><u>3.28</u></b>
14. Rashid M., Rashid M.M., Alam M.S. et al. Enhancement of Growth, Enzymes, Nutrition and Yield of Eggplant: Combined Effects of Plasma Treatments. <b>PLASMA CHEM PLASMA PROCESS</b> , 43, 163–181, <b>2023</b> . AIS: <b>0.473</b>	(10 + 20 * 0.473)/ 10 = <b><u>1.946</u></b>
15. Svarnas P, Poupozas M, Papalexopoulou K, Kalaitzopoulou E, Skipitari M, Papadea P, Varemmenou A, Giannakopoulos E, Georgiou CD, Georganas S, et al. Water Modification by Cold Plasma Jet with Respect to Physical and Chemical Properties. <b>APPLIED SCIENCES</b> , 12(23), <b>2022</b> . AIS: <b>0.414</b>	(10 + 20 * 0.414)/ 10 = <b><u>1.828</u></b>
16. Mandici A, Cretu DE, Burlica R, Astanei D, Beniuga O, Rosu C, Topa DC, Aostacioaei TG, Aprotoisoiae AC, Miron A. Preliminary Study on the Impact of Non-Thermal Plasma Activated Water on the Quality of <i>Triticum aestivum</i> L. cv. Glosa Sprouts. <b>HORTICULTURAE</b> , 8(12), <b>2022</b> . AIS: <b>0.375</b>	(10 + 20 * 0.375)/ 10 = <b><u>1.75</u></b>
17. Romanjek Fajdetić N, Benković-Lačić T, Miroslavljević K, Antunović S, Benković R, Rakić M, Milošević S, Japundžić-Palenkić B. Influence of Seed Treated by Plasma Activated Water on the Growth of <i>Lactuca sativa</i> L. <b>SUSTAINABILITY</b> , 14(23), <b>2022</b> . AIS: <b>0.527</b>	(10 + 20 * 0.527)/ 10 = <b><u>2.054</u></b>
18. Hongxuan Wang, Yiqin Zhang, Haitao Jiang, et al., A comprehensive review of effects of electrolyzed water and plasma-activated water on growth, chemical compositions, microbiological safety and postharvest quality of sprouts, <b>TRENDS IN FOOD SCIENCE &amp; TECHNOLOGY</b> , 129: 449-462, <b>2022</b> . AIS: <b>2.195</b>	(10 + 20 * 2.195)/ 10 = <b><u>5.39</u></b>
19. Mandici, A., et al., Effects of non-thermal plasma activated water and low temperature on wheat sprouts: a focus on photosynthetic pigments, protein and phenolic contents, antioxidant activity, antioxidant and prooxidant enzymes activity. <b>FARMACIA</b> , 70(6), <b>2022</b> . AIS: <b>0.083</b>	(10 + 20 * 0.083)/ 10 = <b><u>1.166</u></b>



DESCRIPTORI	PUNCTAJUL ACORDAT
20. Nisoa, M., Y. Sirisathitkul, and C. Sirisathitkul, Development of industrial prototype for activating water by plasma jet. <b>PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A - MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE</b> , 23(4), 2022. AIS: 0.083	(10 + 20 * 0.097)/ 10 = <b><u>1.194</u></b>
21. Burlica R., Cretu D.-E., Beniuga O., Astanei D., Nonthermal Plasma Multi-Reactor Scale-Up Using Pulse Capacitive Power Supplies. <b>APPLIED SCIENCES</b> , 12(20):10403, 2022. AIS: 0.414	
22. Gao Y., Li M., Sun C., Zhang X., Microbubble-enhanced water activation by cold plasma, <b>CHEMICAL ENGINEERING JOURNAL</b> , 446(4):137318, 2022. AIS: 2.029	(10 + 20 * 0.414)/ 10 = <b><u>1.828</u></b>
23. Kosumsupamala K., Thana P., Palee N. et al., Air to H2-N2 Pulse Plasma Jet for In-Vitro Plant Tissue Culture Process: Source Characteristics. <b>PLASMA CHEM PLASMA PROCESS</b> 42, 535–559, 2022. AIS: 0.473	(10 + 20 * 2.029)/ 10 = <b><u>5.058</u></b>
24. Mahanta S., Habib M.R., Moore J.M., Effect of High-Voltage Atmospheric Cold Plasma Treatment on Germination and Heavy Metal Uptake by Soybeans (Glycine max). <b>INT. J. MOL. SCI.</b> 23, 1611, 2022. AIS: 1.030	(10 + 20 * 0.473)/ 10 = <b><u>1.946</u></b>
25. Guragain, R.P., et al., Impact of Plasma-Activated Water (PAW) on Seed Germination of Soybean. <b>JOURNAL OF CHEMISTRY</b> , 2021. 2021. AIS: 0.409	(10 + 20 * 1.030)/ 10 = <b><u>3.06</u></b>
26. Guragain, R.P., et al., Influence of plasma-activated water (PAW) on the germination of radish, fenugreek, and pea seeds. <b>AIP ADVANCES</b> , 11(12), 2021. AIS: 0.336	(10 + 20 * 0.409)/ 10 = <b><u>1.818</u></b>
27. Sze C., Wang B., Xu J., Rivas-Davila J., Cappelli M.A., Plasma-fixated nitrogen as fertilizer for turf grass <b>RSC ADVANCES</b> 11, 37886–37895, 2021. AIS: 0.519	(10 + 20 * 0.336)/ 10 = <b><u>1.672</u></b>
28. Rathore, V., Tiwari, B.S. & Nema, S.K. Treatment of Pea Seeds with Plasma Activated Water to Enhance Germination, Plant Growth, and Plant Composition. <b>PLASMA CHEM PLASMA PROCESS</b> , 42, 1, 2022. AIS: 0.473	(10 + 20 * 0.519)/ 10 = <b><u>2.038</u></b>
29. Than, H.A.Q., Pham, T.H., Nguyen, D.K.V. et al. Non-thermal Plasma Activated Water for Increasing Germination and Plant Growth of <i>Lactuca sativa</i> L. <b>PLASMA CHEM PLASMA PROCESS</b> , 42, 1, 2022. AIS: 0.473	(10 + 20 * 0.473)/ 10 = <b><u>1.946</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<p>30. Lukacova Z, Svubova R, Selvekova P, Hensel K. The Effect of Plasma Activated Water on Maize (<i>Zea mays L.</i>) under Arsenic Stress. <b>PLANTS</b>. 10(9):1899, <b>2021</b>. AIS: <b>0.654</b></p> <p>31. Matra, K., et al., Enhancement of Lettuce Growth by PAW Spray Gliding Arc Plasma Generator. <b>IEEE TRANSACTIONS ON PLASMA SCIENCE</b>, 50(6), <b>2022</b>. AIS: <b>0.309</b></p> <p>32. Kučerová K, Henselová M, et al., Effect of Plasma Activated Water, Hydrogen Peroxide, and Nitrates on Lettuce Growth and Its Physiological Parameters. <b>APPLIED SCIENCES</b>. 11(5):1985, <b>2021</b>. AIS: <b>0.409</b></p> <p><b>Lucrarea citată:</b> <i>Tomato crop performances under chemical nutrients monitored by electric signal. Agronomy-Basel, 10(12): 1915, 2020. Autorii: Mihalache G., Peres C.I., Bodale I., Achitei V., Gheorghitoiae M.V., Teliban G.C., Cojocaru A., Butanariu M., Muraru V., Stoleru V. (Număr autori = 10)</i></p> <ol style="list-style-type: none"><li>1. Istrate A.M.R., Cojocariu M., Teliban G.C., Cojocaru A., Stoleru V., Quality and yield of edible vegetables from landscape design. <b>HORTICULTURAE</b>, 9(6), 615, <b>2023</b>. AIS: <b>0.375</b></li><li>2. Wang X., Fang W., Zhao Z., Establishment of a Model and System for Secondary Fertilization of Nutrient Solution and Residual Liquid. <b>SUSTAINABILITY</b>, 15(3):1851, <b>2023</b>. AIS: <b>0.527</b></li><li>3. Ciudad-Mulero M., Pinela J., Carvalho A.M., et al., Bioaccessibility of Macrominerals and Trace Elements from Tomato (<i>Solanum lycopersicum L.</i>) Farmers' Varieties. <b>FOODS</b> 11(13):1968, <b>2022</b>. AIS: <b>0.644</b></li></ol> <p><b>Lucrarea citată:</b> <i>Yield and nutritional response of greenhouse grown tomato cultivars to sustainable fertilization and irrigation management, Plants 9 (8): 1053, 2020. Autorii: Stoleru V., Inculet C.S., Mihalache G., Cojocaru A., Teliban G.C., Caruso G. (Număr autori = 6)</i></p> <ol style="list-style-type: none"><li>1. Zha Y., Chen F., Wang Z., Jiang S., and Cui N., Effects of water and fertilizer deficit regulation with drip irrigation at different growth stages on fruit quality improvement of kiwifruit in seasonal arid areas of Southwest China. <b>JOURNAL OF</b></li></ol>	$(10 + 20 * 0.473)/ 10 =$ <b><u>1.946</u></b>
		$(10 + 20 * 0.654)/ 10 =$ <b><u>2.308</u></b>
		$(10 + 20 * 0.309)/ 10 =$ <b><u>1.618</u></b>
		$(10 + 20 * 0.409)/ 10 =$ <b><u>1.818</u></b>
		$(10 + 20 * 0.375)/ 10 =$ <b><u>1.75</u></b>
		$(10 + 20 * 0.527)/ 10 =$ <b><u>2.054</u></b>
		$(10 + 20 * 0.644)/ 10 =$ <b><u>2.288</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<b>INTEGRATIVE AGRICULTURE</b> , 22, 3042–3058, 2023. AIS: 0.686 2. Istrate A.M.R., Cojocariu M., Teliban G.C., Cojocaru A., Stoleru V., Quality and yield of edible vegetables from landscape design. <b>HORTICULTURAE</b> , 9(6), 615, 2023. AIS: 0.375 3. Nie J., Li Y.H., Yang X., Zheng J.R., Xie Y.M., Shi L.L., Effect of fertilization treatment on growth, yield, fruit quality, and nutrition accumulation of cherry tomato. <b>APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH</b> , 21, 5, 2023. AIS: 0.121 4. Fernández-Rodríguez D, Fangueiro DP, Peña Abades D, Albarrán Á, Rato-Nunes JM, Martín-Franco C, Terrón-Sánchez J, Vicente LA, López-Piñeiro A. Effects of Combined Use of Olive Mill Waste Compost and Sprinkler Irrigation on GHG Emissions and Net Ecosystem Carbon Budget under Different Tillage Systems. <b>PLANTS</b> , 11(24), 2022. AIS: 0.623 5. Wang J., Gao Z., Sun T., et al., Preharvest Reduction in Nutrient Solution Supply of Pepper ( <i>Capsicum annuum</i> L.) Contributes to Improve Fruit Quality and Fertilizer Efficiency While Stabilising Yields. <b>AGRONOMY</b> , 12(12):3004, 2022. AIS: 0.497 6. Gebremariam A., Mekuriaw E., Shemekit F., Assefa F., Integrated Potential of Microbial, Botanical, and Chemical Pesticides for the Control of Viral Disease Vector Whiteflies (Hemiptera: Aleyrodidae) on Tomato under Greenhouse and Field Perspectives, <b>INTERNATIONAL JOURNAL OF AGRONOMY</b> , 2022, AIS: 0.356 7. Cheng H., Ji S., Ge H., et al., Optimizing Deficit Irrigation Management to Improve Water Productivity of Greenhouse Tomato under Plastic Film Mulching Using the RZ-SHAW Model. <b>AGRICULTURE</b> 12, 1253, 2022. AIS: 0.437 8. Felföldi Z., Ranga F., Roman I.A., et al., Analysis of Physico-Chemical and Organoleptic Fruit Parameters Relevant for Tomato Quality, <b>AGRONOMY</b> , 12, 1232, 2022. AIS: 0.497 9. Antal-Tremurici A., Bute A., Bouruc D., Brezeanu C., Brezeanu P.M., Effects of several organic fertilizers on growth, development and quality properties of tomatoes obtained in organic system:	(10 + 20 * 0.686)/ 6 = <b><u>3.953</u></b>
		(10 + 20 * 0.375)/ 6 = <b><u>2.916</u></b>
		(10 + 20 * 0.121)/ 6 = <b><u>2.07</u></b>
		(10 + 20 * 0.623)/ 6 = <b><u>3.743</u></b>
		(10 + 20 * 0.497)/ 6 = <b><u>3.323</u></b>
		(10 + 20 * 0.356)/ 6 = <b><u>2.853</u></b>
		(10 + 20 * 0.437)/ 6 = <b><u>3.123</u></b>
		(10 + 20 * 0.497)/ 6 = <b><u>3.323</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<p>a review., SCIENTIFIC PAPERS-SERIES B-HORTICULTURE, 66, 1, 2022. AIS: 0.018</p> <p>10. Murariu OC, Brezeanu C, Jităreanu CD, et al., Functional Quality of Improved Tomato Genotypes Grown in Open Field and in Plastic Tunnel under Organic Farming.</p> <p>AGRICULTURE 11(7):609, 2021. AIS: 0.434</p> <p><b>Lucrarea citată:</b> <i>The effects of a microorganisms-based commercial product on the morphological, biochemical and yield of tomato plants under two different water regimes. Microorganisms 7 (12): 706, 2019. Autorii: Inculet C.S., Mihalache G., Sellitto V.M., Hlihor R.M., Stoleru V. (Număr autori = 5)</i></p> <ol style="list-style-type: none"><li>1. Istrate A.M.R., Cojocariu M., Teliban G.C., Cojocaru A., Stoleru V., Quality and yield of edible vegetables from landscape design. HORTICULTURAE, 9(6), 615, 2023. AIS: 0.375</li><li>2. Lamaizi S., Meddich A., Boutasknit A. et al. Application of Olive-Mill-Wastewater-Compost in Combination with Symbiotic Microorganisms Improves the Physiological, Biochemical Performance and Tolerance of Tomato (<i>Solanum lycopersicum</i>) Under Drought Stress. GESUNDE PFLANZEN, 75, 1719–1735, 2023. AIS: 0.292</li><li>3. Bicer S., Erdinc C., Comlekcioglu N., A Comparative Analysis of Co-inoculation of Microbial Biostimulants at Different Irrigation Levels Under Field Conditions on the Cucumber Growth, GESUNDE PFLANZEN, 75(4), 2023. AIS: 0.292</li><li>4. Tounsi-Hammami S., Hammami Z., Dhane-Fitouri S. et al. A Mix of Agrobacterium Strains Reduces Nitrogen Fertilization While Enhancing Economic Returns in Field Trials with Durum Wheat in Contrasting Agroclimatic Regions. J SOIL SCI PLANT NUTR, 2022. AIS: 0.512</li><li>5. Fortună M.E.; Ungureanu E.; Jităreanu D.C.; et al., Effects of Hybrid Polymeric Material Based on Polycaprolactone on the Environment. MATERIALS, 15, 4868, 2022. AIS: 0.511</li><li>6. Akensous FZ., Anli M., Boutasknit A. et al. Boosting Date Palm (<i>Phoenix dactylifera</i> L.) Growth under Drought Stress: Effects of Innovative Biostimulants. GESUNDE PFLANZEN, 2022. AIS: 0.292</li></ol>	$(10 + 20 * 0.018)/ 6 =$ <b><u>1.726</u></b>
		$(10 + 20 * 0.434)/ 6 =$ <b><u>3.113</u></b>
		$(10 + 20 * 0.375)/ 5 =$ <b><u>3.5</u></b>
		$(10 + 20 * 0.292)/ 5 =$ <b><u>3.168</u></b>
		$(10 + 20 * 0.292)/ 5 =$ <b><u>3.168</u></b>
		$(10 + 20 * 0.512)/ 5 =$ <b><u>4.048</u></b>
		$(10 + 20 * 0.511)/ 5 =$ <b><u>4.044</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	7. Upadhyaya C., Upadhyaya T., Patel I., Attributes of non-ionizing radiation of 1800 MHz frequency on plant health and antioxidant content of Tomato ( <i>Solanum Lycopersicum</i> ) plants, <b>JOURNAL OF RADIATION RESEARCH AND APPLIED SCIENCES</b> , 15, 1, 54-68, <b>2022.</b> AIS: <b>0.379</b> 8. Nurzyńska-Wierdak R, Buczkowska H, Sałata A. Do AMF and Irrigation Regimes Affect Sweet Pepper Fruit Quality under Open Field Conditions? <b>AGRONOMY</b> . 11(11):2349, <b>2021.</b> AIS: <b>0.503</b> 9. Pokluda R, Ragasová L, Jurica M, Kalisz A, Komorowska M, et al., Effects of growth promoting microorganisms on tomato seedlings growing in different media conditions. <b>PLOS ONE</b> , 16(11): e0259380, <b>2021.</b> AIS: <b>0.974</b> 10. Feng J, Huang Z, Zhang Y, Rui W, Lei X, Li Z. Beneficial Effects of the Five Isolates of <i>Funneliformis mosseae</i> on the Tomato Plants Were Not Related to Their Evolutionary Distances of SSU rDNA or PT1 Sequences in the Nutrition Solution Production. <b>PLANTS</b> . 10(9):1948, <b>2021.</b> AIS: <b>0.654</b> 11. Castiglione AM, Mannino G, et. al., Microbial Biostimulants as Response to Modern Agriculture Needs: Composition, Role and Application of These Innovative Products. <b>PLANTS</b> 10(8):1533, <b>2021.</b> AIS: <b>0.654</b> 12. Sellitto VM, Zara S, et. al., Microbial Biocontrol as an Alternative to Synthetic Fungicides: Boundaries between Pre- and Postharvest Applications on Vegetables and Fruits. <b>FERMENTATION</b> , 7(2):60, <b>2021.</b> AIS: <b>0</b> 13. Nicu E., Cioroianu T.M., Dumitru M., Sirbu C., Mihalache D., The effects of fertilization with organic substances on tomato ( <i>Solanum lycopersicum</i> L.), 65, 2, <b>2021.</b> AIS: <b>0.025</b> 14. Minuț M, Roșca M, Hlihor R-M, Cozma P, Gavrilescu M. Modelling of Health Risk Associated with the Intake of Pesticides from Romanian Fruits and Vegetables. <b>SUSTAINABILITY</b> . 12(23):10035, <b>2020.</b> AIS: <b>0.462</b> 15. Akbari, Alireza et al., Plant growth promoting <i>Streptomyces</i> strains are selectively interacting with the wheat cultivars especially in saline conditions, <b>HELIYON</b> , 6, 2, <b>2020.</b> AIS: <b>0.457</b>	(10 + 20 * 0.292)/ 5 = <b><u>3.168</u></b>  (10 + 20 * 0.379)/ 5 = <b><u>3.516</u></b>  (10 + 20 * 0.503)/ 5 = <b><u>4.012</u></b>  (10 + 20 * 0.974)/ 5 = <b><u>5.896</u></b>  (10 + 20 * 0.654)/ 5 = <b><u>4.616</u></b>  (10 + 20 * 0.654)/ 5 = <b><u>4.616</u></b>  (10 + 20 * 0)/ 5 = <b><u>2</u></b>  (10 + 20 * 0.025)/ 5 = <b><u>2.1</u></b>  (10 + 20 * 0.462)/ 5 = <b><u>3.848</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<p><b>Lucrarea citată:</b> <i>Tolerance of three quinoa cultivars (Chenopodium quinoa Willd.) to salinity and alkalinity stress during germination stage. Agronomy 9 (6): 287, 2019. Autorii: Stoleru V., Slabu C., Vitanescu M., Peres C., Cojocaru A., Covasa M., Mihalache G. (Număr autori = 7)</i></p> <p>1. Čalasan A.Z., and Kadereit G., Evolutionary seed ecology of heteromorphic Amaranthaceae. <b>PERSPECTIVES IN PLANT ECOLOGY EVOLUTION AND SYSTEMATICS</b>, 61, 125759, <b>2023. AIS: 0.986</b></p> <p>2. Al-Naggar A.M.M., Abd El-Salam R.M., Hassan A.I.A., El-Moghazi M.M.A., Ahmed A.A., Salinity tolerance of quinoa (<i>Chenopodium quinoa</i> willd.) genotypes to elevated NaCl concentrations at germination and seedling stages. <b>SABRAO JOURNAL OF BREEDING AND GENETICS</b>, 55(5): 1789-1802, <b>2023. AIS: 0.096</b></p> <p>3. Souid A., Bellani L., Tassi E.L., Ben Hamed K., Longo V., Giorgetti L., Early Physiological, Cytological and Antioxidative Responses of the Edible Halophyte <i>Chenopodium quinoa</i> Exposed to Salt Stress. <b>ANTIOXIDANTS</b>, 12(5):1060, <b>2023. AIS: 0.946</b></p> <p>4. Laksana C., Sophiphun O., and Chanprame S., In vitro and in vivo screening for the identification of salt-tolerant sugarcane (<i>Saccharum officinarum</i> L.) clones: molecular, biochemical, and physiological responses to salt stress. <b>SAUDI JOURNAL OF BIOLOGICAL SCIENCES</b>, 30, 103655, <b>2023. AIS: 0.536</b></p> <p>5. Pallavi Mishra R.K., Sahu P.K., Mishra V., Jamal H., Varma A. and Tripathi S., Isolation and characterization of halotolerant plant growth promoting rhizobacteria from mangrove region of Sundarbans, India for enhanced crop productivity. <b>FRONTIERS IN PLANT SCIENCE</b>, 14:1122347, <b>2023. AIS: 1.076</b></p> <p>6. Shibli R., Mohusaien R., Abu-Zurayk R., et al., Silver Nanoparticles (Ag NPs) Boost Mitigation Powers of <i>Chenopodium Quinoa</i> (Q6 Line) Grown under In Vitro Salt-Stressing Conditions. <b>WATER</b>, 14(19):3099, <b>2022. AIS: 0.517</b></p> <p>7. Yan H, Nie Y, Cui K and Sun J., Integrative Transcriptome and Metabolome Profiles Reveal Common and Unique Pathways Involved in Seed Initial Imbibition Under Artificial and Natural Salt Stresses During Germination of Halophyte</p>	$(10 + 20 * 0.457)/ 5 =$ <b><u>3.828</u></b>
		$(10 + 20 * 0.986)/ 7 =$ <b><u>4.245</u></b>
		$(10 + 20 * 0.096)/ 7 =$ <b><u>1.702</u></b>
		$(10 + 20 * 0.946)/ 7 =$ <b><u>4.131</u></b>
		$(10 + 20 * 0.536)/ 7 =$ <b><u>2.96</u></b>
		$(10 + 20 * 1.076)/ 7 =$ <b><u>4.502</u></b>
		$(10 + 20 * 0.517)/ 7 =$ <b><u>2.905</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<p>Quinoa. <b>FRONT. PLANT SCI.</b> 13:853326, <b>2022.</b> <b>AIS: 1.076</b></p> <p>8. Bellalou Aharon, Daklo-Keren, Meriam, Aklin Waffa Abu, et al., Germination of Chenopodium quinoa cv. 'Mint Vanilla' seeds under different abiotic stress conditions. <b>SEED SCIENCE AND TECHNOLOGY</b>, 50(1), <b>2022.</b> AIS: <b>0.135</b></p> <p>9. Burducea M., Lobiuc A., Dirvariu L., et al., Assessment of the Fertilization Capacity of the Aquaculture Sediment for Wheat Grass as Sustainable Alternative Use. <b>PLANTS</b>, 11, 634. <b>2022.</b> AIS: <b>0.623</b></p> <p>10. Chirita R., Teliban G.C., Munteanu N., et al., Yield performances of quinoa for leaves under irrigation and fertilisation regime, <b>SCIENTIFIC PAPERS-SERIES B-HORTICULTURE</b> 66(1), 667-673, <b>2022.</b> AIS: <b>0.018</b></p> <p>11. Abdrabou M. R., Gomah H., Darweesh A., et al., Response of saline irrigated quinoa (<i>Chenopodium quinoa</i> Wild) grown on coarse texture soils to organic manure. <b>EGYPTIAN JOURNAL OF SOIL SCIENCE</b>, 62(2): 169-178, <b>2022.</b> AIS: <b>0</b></p> <p>12. Chaganti V. N., &amp; Ganjegunte, G. K., Evaluation of quinoa genotypes for their salinity tolerance at germination and seedling stages. <b>AGROSYSTEMS, GEOSCIENCES &amp; ENVIRONMENT</b>, 5, 1– 11, <b>2022.</b> AIS: <b>0.302</b></p> <p>13. Valdivia-Cea W, Bustamante L, et. al., Effect of Soil Water Availability on Physiological Parameters, Yield, and Seed Quality in Four Quinoa Genotypes (<i>Chenopodium quinoa</i> Willd.). <b>AGRONOMY</b>, 11(5):1012.<b>2021.</b> AIS: <b>0.503</b></p> <p>14. del C Mendez-Moreno J., De la Garza-Rodriguez I.M., Torres-Sanchez S.A., Jimenez-Perez N. Del C., Sanchez-Lombardo I., Lopez-Martinez S., Lobato-Garcia C.E., Morales-Bautista C.M., Changes in restored soils subject to weathering and their implication in Mexican environmental regulations. <b>TERRA LATINOAMERICANA</b>, 39. <b>AIS: 0</b></p> <p>15. Loc NV, Bertero D, Nguyen LV. Genetic variation in root development responses to salt stresses of quinoa. <b>J AGRO CROP SCI.</b> 206: 538–547, <b>2020.</b> AIS: <b>0.781</b></p>	$(10 + 20 * 1.076)/ 7 =$ <b><u>4.502</u></b>
		$(10 + 20 * 0.135)/ 7 =$ <b><u>1.814</u></b>
		$(10 + 20 * 0.623)/ 7 =$ <b><u>3.208</u></b>
		$(10 + 20 * 0.018)/ 7 =$ <b><u>1.48</u></b>
		$(10 + 20 * 0)/ 7 =$ <b><u>1.428</u></b>
		$(10 + 20 * 0.302)/ 7 =$ <b><u>2.291</u></b>
		$(10 + 20 * 0.503)/ 7 =$ <b><u>2.865</u></b>
		$(10 + 20 * 0)/ 7 =$ <b><u>1.428</u></b>
		$(10 + 20 * 0.781)/ 7 =$ <b><u>3.66</u></b>



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<p><b>Lucrarea citată:</b> <i>The effects of a microorganisms-based commercial product on the morphological, biochemical and yield of tomato plants under two different water regimes.</i> <i>Microorganisms</i> 7 (12): 706, 2019. Autorii: <i>Inculet C.S., Mihalache G., Sellitto V.M., Hlihor R.M., Stoleru V.</i> (<i>Număr autori = 5</i>)</p> <p>1. Hlihor, R.-M., Petronela, C. and Gavrilescu, M. (2022). Removal of Heavy Metals From the Environment by Phytoremediation and Microbial Remediation. In Sustainable Solutions for Environmental Pollution, N.S. El-Gendy (Ed.).</p>	citare în cărți din străinătate: 1 punct/număr autori  1/5 = <b>0.2</b>
		<b>TOTAL = 428.84</b> Citare în cărți din țară: 0.25 puncte / număr autori
	<p><b>7. Participare la conferințe științifice (dovedită cu ordin de deplasare, program, certificat de participare, etc)</b></p>	în calitate de keynote/ invited speaker  înternațională: 25 de puncte pentru fiecare activitate  națională: 15 puncte pentru fiecare activitate
		în calitate de speaker, (prezentare orală)  înternațională: 10 de puncte pentru fiecare activitate  națională: 5 puncte pentru fiecare activitate
	<p><b>8. Lucrări științifice în rezumat</b></p>	în reviste indexate Web of Science, Clarivate Analytics, cu factor de impact: (20 x AIS + 5) / număr autori
	<p><b>9. Profesor invitat la universități, centre și institute de cercetare (la inițiativa probată</b></p>	în străinătate: 25 puncte pentru fiecare activitate



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	<b>a instituției gazdă)</b>	în țară: 10 puncte pentru fiecare activitate
	<b>10. Poziții de conducere în organizații științifice ori profesionale</b>	internationale: 20 puncte; naționale: 5 puncte / organizație
	<b>11. Membru al Academiei Române și al academiilor din străinătate</b>	Membru al Academiei Române: 100 puncte;  Membru al Academiielor din străinătate (exclusiv academii care acceptă calitatea de membru contra unei taxe): 500 puncte;
	<b>12. Editor, membru în echipa editorială la (se va puncta o singură dată pentru fiecare perioadă de 5 ani):</b>	Reviste indexate Web of Science, Clarivate Analytics  Editor: 20 puncte/ activitate;  Membru în echipa editorială: 15 puncte/ activitate;  Anale UAIC, reviste UAIC, reviste indexate BDI  Editor: 0,5 puncte/ activitate;  Membru în echipa editorială: 0,1 puncte/ activitate;
	<b>13. Referent (peer-reviewer)</b>	Reviste indexate Web of Science, Clarivate Analytics  Editor: 20 puncte/ activitate;  Membru în echipa editorială: 15 puncte/



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		activitate;  Anale UAIC, reviste UAIC, reviste indexate BDI  Editor: 0,5 puncte/ activitate;  Membru în echipa editorială: 0,1 puncte/ activitate;
<b>II. ACTIVITATEA INSTITUȚIONALĂ (20%)</b>	<b>1.1. Activități de promovare UAIC ; Caravana UAIC ; participare târguri, expoziții, evenimente instituționale</b>  <b>ZIUA CERCETĂTORULUI LA UAIC, 25.10. 2023, Casa Universitarilor din Iași.</b>  <b>1.2. Responsabil evaluări ARACIS</b>	5 puncte pentru fiecare activitate/ pe an  <b>5</b> (ca dovadă a prezenței mele la acest eveniment, se poate verifica lista de prezență întocmită de domnul CS III Mihailă Ilarion)  5 puncte/deplasare  <b>TOTAL = 5</b>
	<b>2. Organizare manifestări științifice (conferințe, congrese, colocvii) și școli de vară, demonstrabile cu link la pagina web</b>	internationale: coordonator: 15 puncte / activitate;  membru comitet organizare: 5 puncte / activitate;  naționale:  coordonator 10 puncte / activitate;  membru comitet organizare: 3 puncte / activitate



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	<b>3. Responsabilități în cadrul Universității, facultăților și în cadrul departamentelor conexe activităților de cercetare</b>	Rector: 50 puncte anual;  Prorectori, Director CSUD, Director FC/ID/IFR: 45 puncte anual;  Decani: 40 puncte anual;  Prodecani, Directori Departamente interdisciplinare, Director Școală Doctorală, Director ID, Director Centrul de Studii Europene, Grădina Botanică, Muzeu, Stațiuni de Cercetare: 35 puncte anual;  Director departament facultate: 30 puncte anual;  Coordonator laborator, grup, colectiv: 10 puncte anual
	<b>4. Responsabilități în cadrul Senatului Universității / Consiliului facultății / Consiliul departamentului</b>	Senat: președinte - 30 puncte anual/ vicepreședinte - 25 puncte anual /președinte al unei comisii de specialitate - 20 puncte anual/membru - 15 puncte anual  Facultate: 10 puncte anual  Departament: 5 puncte anual



	DESCRIPTORI	PUNCTAJUL ACORDAT
	<b>5. Membru în comisii ale universității avizate de Senat (Comisia de Etică, Comisia pentru managementul calității, Comisia de regulamente, etc.)</b>	10 puncte anual /comisie
	<b>6. Membru în comisii concurs în vederea ocupării un post didactic ori de cercetare în învățământul universitar</b>	5 puncte / comisie
	<b>7. Membru comisiei de doctorat (admitere, îndrumare și susținere publică)</b>	străinătate: 5 puncte pentru fiecare activitate; țară: 2 puncte pentru fiecare activitate
	<b>8. Proiecte pentru mobilități de tip grant</b>	coordonator: 20 puncte x valoarea proiectului / 500.000 Euro  membru: 10 puncte x valoarea proiectului / 500.000 Euro /numărul membrilor echipei
	<b>TOTAL PUNCTAJ</b>	<b>766.702</b>

## Note

Pentru gradații de merit evaluarea se raportează la ultimii 5 ani dinaintea concursului.

Criterii suplimentare de eligibilitate:

- îndeplinirea punctajelor minime la evaluările anuale ale activității de cercetare
- raportarea activității anuale de cercetare care stă la baza accesării finanțării suplimentare
- participarea la evaluările prevăzute de actele normative în vigoare și regulamentele UAIC

Data

22.01.2024

Semnătura,