

## Listă lucrări

Nume: MARIUS -NICUȘOR GRIGORE

### a) Lista celor mai relevante 10 lucrări

1. **Grigore M.-N.** (Editor), 2021. *Handbook of halophytes. From Molecules to Ecosystems towards Biosaline Agriculture*, Springer. Print ISBN: 978-3-030-57634-9; Print + eBook ISBN: 978-3-030-57636-3; eReference ISBN: 978-3-030-57635-6, 3 vol., 2870 p.
2. **Grigore M.-N.**, Toma C., 2017. *Anatomical Adaptations of Halophytes. A Review of Classic Literature and Recent Findings*, Springer International Publishing, 978-3-319-66479-8, 338 p.
3. **Grigore M.-N.**, Ivănescu L., Toma C., 2014. *Halophytes. An integrative anatomical study*. Springer, Cham, Heidelberg, New York, Dordrecht, London, ISBN 978-3-319-05728-6, 544 p. (Premiul 'Emil Racoviță' al Academiei Române, 2016)
4. Sara González-Orenga, **Grigore M.-N.**, Boscaiu M., Oscar Vicente, 2021. Constitutive and Induced Salt Tolerance Mechanisms and Potential Uses of *Limonium* Species. *Agronomy*, 11(3). 413. WOS:000633176100001
5. L. Oprică, **Grigore M.-N.**, Iulia Caraciuc, Daniela Gherghel, Cosmin-Teodor Mihai, Gabriela Vochita, 2020. Impact of Proton Beam Irradiation on the Growth and Biochemical Indexes of Barley (*Hordeum vulgare* L.) Seedlings Grown under Salt Stress. *Plants*, 9, 1234. WOS:000580690200001
6. Oprică L., Antohe R. G., Verdes A., **Grigore M.-N.**, 2019. Effect of freeze-drying and oven-drying methods on flavonoids content in two Romanian grape varieties. *Revista de Chimie*, vol. 2: 491-494. WOS:000461982200026
7. **Grigore M.-N.**, 2018. Defining Halophytes – A Conceptual and Historical Approach in An Ecological Frame, in *Halophytes and Climate Change: Adaptive Mechanisms and Potential Uses*, Hasanuzzaman M, Sergey Shabala and Masayuki Fujita (Eds.), CABI, pp. 3-18. WOS:000484034400002
8. Sirbu S., Oprică L., Iurea E., Corneanu M., **Grigore M.-N.**, 2018. Physical Parameters, Total Phenolics, Flavonoids and Vitamin C Content of Nine Sweet Cherry Cultivars. *Revista de Chimie*, 69 (1): 125-129. WOS:000425369600025
9. **Grigore M.-N.**, Toma C., Zamfirache M.-M., Ivănescu L., 2012. A survey of anatomical adaptations in Romanian halophytes. Towards an ecological interpretation. *Fresenius Environmental Bulletin*, 21 (11b): 3370-3375. WOS:000313458600004
10. **Grigore M.-N.**, Boscaiu M., Llinares J., Vicente O., 2012. Mitigation of salt stress-induced inhibition of *Plantago crassifolia* reproductive development by supplemental calcium or magnesium. *Not. Bot. Horti Agrob.*, 40 (2): 58-66. WOS:000349003900020

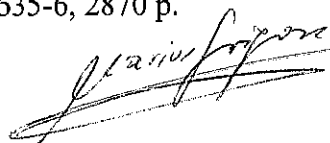
### b) Teza de doctorat

*Cercetări histo-anatomice cu implicații ecologice la specii de halofite din Moldova*, conducător științific prof. univ. dr. Constantin Toma, membru al Academiei Române, Facultatea de Biologie a Universității „Alexandru Ioan Cuza” Iași, 2008

### c) Cărți și capitole în cărți

#### • Cărți publicate la edituri internaționale de prestigiu

1. **Grigore M.-N.** (Editor), 2021. *Handbook of halophytes. From Molecules to Ecosystems towards Biosaline Agriculture*, Springer. Print ISBN: 978-3-030-57634-9; Print + eBook ISBN: 978-3-030-57636-3; eReference ISBN: 978-3-030-57635-6, 2870 p.



2. **Grigore M.-N.**, Toma C., 2017. *Anatomical Adaptations of Halophytes. A Review of Classic Literature and Recent Findings*, Springer International Publishing, 978-3-319-66479-8, 338 p.
  3. **Grigore M.-N.**, Ivănescu L., Toma C., 2014. *Halophytes. An integrative anatomical study*. Springer, Cham, Heidelberg, New York, Dordrecht, London, ISBN 978-3-319-05728-6, 544 p. (Premiul 'Emil Racoviță' al Academiei Române, 2016)
- **Cărți publicate la edituri naționale (universitare, Edit. Academiei Române, alte edituri acreditate CNCIS)**
    1. **Grigore M.-N.**, 2013. *Ghid de bune practici. Didactica Biologiei*. Edit. Matrix București – selectată și premiată în cadrul proiectului: POSDRU/87/1.3/S/63709 „Calitate, inovare, comunicare în sistemul de formare continuă a didacticienilor din învățământul superior”, Editura Matrix Rom București, ISBN: 978-606-25-0034-4, 166 p.
    2. **Grigore M.-N.**, 2012. *Romanian Salt Tolerant Plants. Taxonomy and Ecology*. Edit. Tehnopress, Iasi, ISBN: 978-973-702-923-2, 455 p.
    3. **Grigore M.-N.**, Toma C., 2010. *Halofitele. Aspecte de anatomie ecologică*. Edit. Universității „Alexandru Ioan Cuza”, Iași, ISBN: 978-973-703-542-4, 310 p.
    4. **Grigore M.-N.**, Toma C., 2010. *Structuri secretoare de săruri la halofite. O abordare integrativă*. Edit. Academiei Române, București, ISBN: 978-973-27-1911-4, 290 p.
    5. **Grigore M.-N.**, 2008. *Halofitotaxonomia. Lista plantelor de sărătură din România*. Edit. PIM, Iași, ISBN: 978-606-520-045-6, 137 p.
    6. **Grigore M.-N.**, 2008. *Introducere în Halofitologie. Elemente de Anatomie Integrativă*. Edit. PIM, Iași, ISBN: 978-606-520-073-9, 238 p.
  - **Capitole de carte – în cărți publicate la edituri internaționale de prestigiu**
    1. **Grigore M.-N.**, 2020. Definition and classification of Halophytes as an ecological group of plants. In: Grigore M.-N. (Editor), *Handbook of Halophytes. From Molecules to Ecosystems towards Biosaline Agriculture*, Springer, pp. 3-50. Chapter DOI: [https://doi.org/10.1007/978-3-030-17854-3\\_1-1](https://doi.org/10.1007/978-3-030-17854-3_1-1)
    2. **Grigore M.-N.**, 2020. A botanical history of Halophytes. From Theophrastus to nowadays. In: Grigore M.-N. (Editor), *Handbook of Halophytes. From Molecules to Ecosystems towards Biosaline Agriculture*, Springer, pp. 51-94. Chapter DOI: [https://doi.org/10.1007/978-3-030-17854-3\\_2-1](https://doi.org/10.1007/978-3-030-17854-3_2-1)
    3. **Grigore M.-N.**, Toma C., 2021. Integrative anatomy of halophytes from Mediterranean climate. In: Grigore M.-N. (Editor), *Handbook of Halophytes. From Molecules to Ecosystems towards Biosaline Agriculture*, Springer, pp. 1293-1328. Chapter DOI: [https://doi.org/10.1007/978-3-030-17854-3\\_40-1](https://doi.org/10.1007/978-3-030-17854-3_40-1)
    4. **Grigore M.-N.**, Ana Cojocariu, 2020. Fighting with salt-affected areas: A history of biosaline agriculture in Romania (1900-1989). In: Grigore M.-N. (Editor), *Handbook of Halophytes. From Molecules to Ecosystems towards Biosaline Agriculture*, Springer. [https://doi.org/10.1007/978-3-030-17854-3\\_129-1](https://doi.org/10.1007/978-3-030-17854-3_129-1); pp. 95-140
    5. **Grigore M.-N.**, Toma C., 2020. Morphological and anatomical adaptations of halophytes. A review. In: Grigore M.-N. (Editor), *Handbook of Halophytes. From Molecules to Ecosystems towards Biosaline Agriculture*, Springer, pp. 1079-1222, [https://doi.org/10.1007/978-3-030-17854-3\\_37-1](https://doi.org/10.1007/978-3-030-17854-3_37-1)
    6. **Grigore M.-N.**, T. J. Flowers, 2021. Evolution in angiosperm halophytes: how functional anatomical adaptations evolved. In: Grigore M.-N. (Editor), *Handbook of Halophytes. From Molecules to Ecosystems towards Biosaline Agriculture*, Springer, [https://doi.org/10.1007/978-3-030-17854-3\\_86-1](https://doi.org/10.1007/978-3-030-17854-3_86-1), pp. 2117-2146
    7. **Grigore M.-N.**, Ana Cojocariu, 2020. A tentative list of Romanian halophytes: taxonomy, distribution, ecology. In: Grigore M.-N. (Editor), *Handbook of Halophytes. From Molecules*

to Ecosystems towards Biosaline Agriculture, Springer; [https://doi.org/10.1007/978-3-030-17854-3\\_17-1](https://doi.org/10.1007/978-3-030-17854-3_17-1), pp. 471-568

8. Adrian Oprea, Ana Cojocariu, **Grigore M.-N.**, 2020. *Armeria maritima* (Mill.) Willd. in Romania's flora? In: Grigore M.-N. (Editor), *Handbook of Halophytes. From Molecules to Ecosystems towards Biosaline Agriculture*, Springer, [https://doi.org/10.1007/978-3-030-17854-3\\_14-1](https://doi.org/10.1007/978-3-030-17854-3_14-1), pp. 369-392
9. **Grigore M.-N.**, 2018. Defining Halophytes – A Conceptual and Historical Approach in An Ecological Frame, in *Halophytes and Climate Change: Adaptive Mechanisms and Potential Uses*, Hasanuzzaman M, Sergey Shabala and Masayuki Fujita (Eds.), CABI, pp. 3-18. WOS:000484034400002

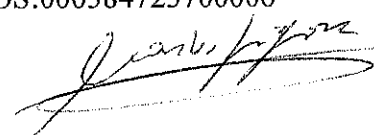
• **Capitole de carte – în cărți publicate la edituri naționale recunoscute CNCSIS**

1. **Grigore M.-N.**, 2010. O abordare conceptual-semantică a halofitelor, într-un climat general dominat de salinizare și insecuritate alimentară. In: *In honorem Prof. Toma C., la a 75-a aniversare* (ed. Ivănescu L., Zamfirache M. M.), Edit. Graphys, Iași: 305-323

d) **Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal**

• **Articole ISI**

1. Sara González-Orenga, **Grigore M.-N.**, Boscaiu M., and Oscar Vicente, 2021. Constitutive and Induced Salt Tolerance Mechanisms and Potential Uses of *Limonium* Species. *Agronomy*, 11(3). 413. WOS:000633176100001
2. Oprică L., **Grigore M.-N.**, Iulia Caraciuc, Daniela Gherghel, Cosmin-Teodor Mihai, Gabriela Vochita, 2020. Impact of Proton Beam Irradiation on the Growth and Biochemical Indexes of Barley (*Hordeum vulgare* L.) Seedlings Grown under Salt Stress. *Plants*, 9, 1234. WOS:000580690200001
3. Oprică L., Antohe R. G., Verdes A., **Grigore M.-N.**, 2019. Effect of freeze-drying and oven-drying methods on flavonoids content in two Romanian grape varieties. *Revista de Chimie*, vol. 2: 491-494. WOS:000461982200026
4. Oprică L., Verdeș A., Vladimir P., Creangă D., **Grigore M.-N.**, 2019. Effect of different drying techniques on antioxidant capacity of two Romanian red grape cultivars, *Iran. J. Public Health* 48(7): 1377–1378. WOS:000483338000023
5. **Grigore M.-N.**, 2018. Defining Halophytes – A Conceptual and Historical Approach in An Ecological Frame, in *Halophytes and Climate Change: Adaptive Mechanisms and Potential Uses*, Hasanuzzaman M, Sergey Shabala and Masayuki Fujita (Eds.), CABI, pp. 3-18. WOS:000484034400002
6. Sirbu S., Oprică L., Iurea E., Corneanu M., **Grigore M.-N.**, 2018. Physical Parameters, Total Phenolics, Flavonoids and Vitamin C Content of Nine Sweet Cherry Cultivars. *Revista de Chimie*, 69 (1): 125-129. WOS:000425369600025
7. Kozminska A., AL Hassan M., Kumar D., Oprică L., Martinelli F., **Grigore M.-N.**, Vicente O., Boscaiu M., 2017. Characterizing the effects of salt stress in *Calendula officinalis* L. *Journal of Applied Botany and Food Quality* 90, 323 – 329. WOS:000386053700019
8. **Grigore M.-N.**, Ivan M., Verdes A., Oprică L., 2017. Enzymatic activity and non-enzymatic antioxidants content in several *Plantago* species (from Valea Ilenei nature reserve), during different phenophases. *Rev. Chim.*, 68 (7): 1539-1543. WOS:000409234600027
9. Oprică L., Vezeteu G., **Grigore M.-N.**, 2016. Differential Content of the Total Polyphenols and Flavonoids in Three Romanian White Grape Cultivars. *Iran J Public Health*, 45 (6): 826-827. WOS:000386053700019
10. Laia L. Pardo-Domènech, Alina Tifrea, **Grigore M.-N.**, Boscaiu M., Vicente Oscar, 2016. Proline and glycine betaine accumulation in two succulent halophytes under natural and experimental conditions. *Plant Biosystems*, 150 (5): 904-915. WOS:000384723700006



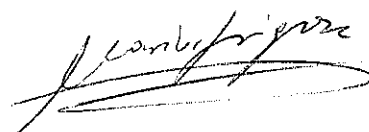
11. **Grigore M.-N.**, Oprică L., 2015. Halophytes as Possible Source of Antioxidant Compounds, In a Scenario Based On Threatened Agriculture and Food Crisis. Iran J Public Health, 44 (8): 1153-1155. WOS:000360291400018
12. Oprică L., Ivan M., **Grigore M.-N.**, Zamfirache M. M., 2015. Antioxidant Activity of Plantago Species in Vegetative and Flowering Stages. Iran. J. Public Health, 44 (1): 142-144 WOS:000349003900020
13. Oprică L., **Grigore M.-N.**, Verdeş A., Creangă D., Popescu I. A., Grigorescu A., Costin D., 2015. Antioxidant properties evidenced by polyphenols content in two Romanian red grape cultivars in Iasi Area. The 5th IEEE International Conference on E-Health and Bioengineering - EHB 2015 Grigore T. Popa University of Medicine and Pharmacy, Iaşi, Romania, November 19-21, 2015. WOS:000380397900161
14. Al Hassan M., Gohari G., Boscaiu M., Vicente O., **Grigore M.-N.**, 2015. Anatomical modifications in two *Juncus* species under salt stress conditions. Not. Bot. Horti Agrobi., 43 (2): 501-506. WOS:000366877100031
15. Oprică L., **Grigore M.-N.**, Vochița G. 2015. Impact of saline stress on growth and biochemical indices of *Calendula officinalis* seedlings. Rom. Biotechnol. Letters, 20 (6): 11007-11017. WOS:000368248300013
16. **Grigore M.-N.**, Toma C., Zamfirache M.-M., Ivănescu L., 2012. A survey of anatomical adaptations in Romanian halophytes. Towards an ecological interpretation. Fresenius Environmental Bulletin, 21 (11b): 3370-3375. WOS:000313458600004
17. **Grigore M.-N.**, Boscaiu M., Llinares J., Vicente O., 2012. Mitigation of salt stress-induced inhibition of *Plantago crassifolia* reproductive development by supplemental calcium or magnesium. Not. Bot. Horti Agrobi., 40 (2): 58-66. WOS:000349003900020
18. **Grigore M.-N.**, Toma C., Zamfirache M.-M., Boscaiu M., Olteanu Z., D. Cojocaru, 2012. Ecological anatomy in halophytes with C<sub>4</sub> photosynthesis: discussing adaptive features in endangered ecosystems. Carpathian J. of Earth and Environmental Sciences, 7 (2): 13-21. WOS:000301998000002
19. Boscaiu M., Shantanu D Wankhade, **Grigore M.-N.**, Vicente O., 2011. Osmolyte biosynthesis: A biochemical marker for salt tolerance of halophytes in their natural habitats. Curr. Opin. Biotechnol., 22:S138-S139. WOS:000295310800450
20. **Grigore M.-N.**, Toma C., 2008. Ecological anatomy of halophyte species from the Chenopodiaceae family. Advanced Topics on Mathematical Biology and Ecology (Proceedings of the 4<sup>th</sup> WSEAS International Conference on Mathematical Biology and Ecology – MABE '08, Acapulco, Mexico, January 25-27, 2008): 62- 67 (BEST STUDENT PAPER) WOS:000263783300010

- **Guest editor – Special Issue (ISI)**

1. Oscar Vicente, **Grigore M.-N.**, 2021. "Wild Halophytes: Tools for Understanding Salt Tolerance Mechanisms of Plants and for Adapting Agriculture to Climate Change" – Special Issue of Plants (MDPI) - [https://www.mdpi.com/journal/plants/special\\_issues/halophytes](https://www.mdpi.com/journal/plants/special_issues/halophytes) (impact factor 2,76)

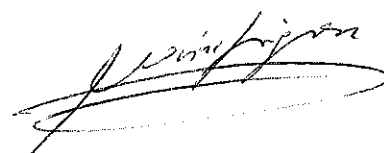
- **Articole BDI**

1. Oprică L., Olga Molchan, **Grigore M.-N.**, 2018. Salinity and selenium nanoparticles effect on antioxidant system and malondialdehyde content in *Ocimum basilicum* L. seedlings. J. Exp. Molec. Biol. 2018, Tome XIX, No 4: 99-106
2. Kherraze M. E., Belhamra M., **Grigore M.-N.**, 2018. Aspects of ecological anatomy of *Traganum nudatum* Del. (Amaranthaceae) from the Northeast of the Algerian Sahara. Acta Biologica Szegedensis, 62(1): 25-36.



3. Somayeh Safiallah, Seyed Mohammad Mahdi Hamdi, **Grigore M.-N.**, Sara Jalili, 2017. Micromorphology and leaf ecological anatomy of *Bassia* halophyte species (*Amaranthaceae*) from Iran. *Acta Biologica Szegediensis*, 61(1):85-93
4. **Grigore M.-N.**, Oprica L., 2016. Biochemical responses of Romanian *Calendula officinalis* L. under salinity stress. *Mesop. Environ. J.*, 3 (1): 17-24
5. **Grigore M.-N.**, 2016. Rediscovering the first monograph on plant anatomy – *Anatome Plantarum* (1675) by Marcello Malpighi. *The Biologist (Lima)*, 14 (2): 155-170
6. **Grigore M.-N.**, Toma C., 2016. Structure of salt glands of *Plumbaginaceae*. Rediscovering old findings from 19<sup>th</sup> century. ‘Mettenius’ or ‘Licopoli’ organs? *J. Plant Develop.*, 23: 37-52
7. Oprică L., Vicente O., Boscaiu M., **Grigore M.-N.** 2016. Enzymatic activity and soluble protein content in seedlings of *Calendula officinalis* L. under salt stress. *J. Plant Develop.*, 23: 71-79
8. Oprică L., **Grigore M.-N.**, 2016. Preliminary results on lipid content of soybean (*Glycine max* (L.) Merr.) and rapeseed (*Brassica napus* L.) seedlings under salt stress. *An. Șt. Univ. "Al. I. Cuza" Iași, secț. Genetică și Biol. Molec.*, 17 (3): 135-138
9. Ivan M.-A., **Grigore M.-N.**, Oprică L., Zamfirache M. M, 2014. Non-enzymatic antioxidants content in several species collected from salt marshes from Dobrogea. *An. Șt. Univ. "Al. I. Cuza" Iași, secț. Genetică și Biol. Molec.*, 15 (4): 57-63
10. **Grigore M.-N.**, Toma C. 2014. Integrative ecological notes on halophytes from „Valea Ilenei” (Iași) nature reserve. *Memoirs of the Scientific Sections of the Romanian Academy*, 37: 19-36
11. Meguekam Liliane Tekam, Taffouo Victor Desire, **Grigore M.-N.**, Zamfirache M.-M., Youmbi Emmanuel, Amougou Akoa, 2014. Differential responses of growth, chlorophyll content, lipid peroxidation and accumulation of compatible solutes to salt stress in peanut (*Arachis hypogaea* L.) cultivars. *Afr. J. of Biotechnol.*, 13 (50): 4577-4584
12. **Grigore M.-N.** 2013. Nicolae Bucur’s contribution to create an original system of halophytes classification. An example of holistic ecological vision. *Lucr. Șt. (Horticultură), USAMV „Ion Ionescu de la Brad”, Iași*, 56 (1): 19-24
13. **Grigore M.-N.**, Toma C., Zamfirache M.-M., Ivănescu L., Daraban Iulia. 2013. Anatomical and ecological observations in succulent (articulated) halophytes from *Chenopodiaceae*. *Lucr. Șt. (Horticultură), USAMV „Ion Ionescu de la Brad”, Iași*, 56 (2): 19-24
14. Ivan M.-A., **Grigore M.-N.**, Zamfirache M.-M., TOMA C. 2013. Histo-anatomical aspects referring to the vegetative organs on some halophytes from Romania. *Lucr. Șt. (Horticultură), USAMV „Ion Ionescu de la Brad”, Iași*, 56 (1): 25-30
15. Ivan M.-A., Zamfirache M. M., **Grigore M.-N.**, Oprică L., 2012. Determination of antioxidant enzymatic activity in several halophytes from Dobrogea area. *Ann. Al. I Cuza Univ. Iasi, Sect. IIA (Genetics and Molecular Biology)*, 13 (3): 47-53
16. **Grigore M.-N.**, Toma C., Boscaiu M., Zamfirache M.-M., Ivănescu L., 2012. Anatomical and ecological observations on psammo-halophytes species (Eastern part of Spain). *Lucr. Șt. (Horticultură), USAMV „Ion Ionescu de la Brad”, Iași*, 55 (2): 19-24
17. **Grigore M.-N.**, Toma C., Zamfirache M.-M., Boscaiu M., Ivănescu L., 2012. Histo-anatomical and ecological aspect son medicinal species (*Lamiaceae*) from Mediterranean climate. *Lucr. Șt. (Horticultură), USAMV „Ion Ionescu de la Brad”, Iași*, 55 (1): 23-28
18. **Grigore M.-N.**, Marta Villanueva, Boscaiu M., Vicente O., 2012. Do halophytes really require salt for their growth and development? An experimental approach. *Not. Sci. Biol.*, 4 (2): 23-29
19. **Grigore M.-N.**, Toma C., Boscaiu M., 2012. Anatomical considerations on Spanish gypsophytes. Where is their place within plant ecology? *An. Șt. Univ. „Al. I. Cuza”, s. II.a. Biol. Veget.*, 57 (2): 31-38
20. **Grigore M.-N.**, M. Boscaiu, O. Vicente, 2011. Ecological notes in Mediterranean halophytes. Towards an integrative approach. *Ecological Questions*, 14: 11-14

21. Grigore M.-N., Boscaiu M., Vicente O., 2011. Seasonal variation in proline contents in several halophytes from a littoral salt marsh in Alicante (SE Spain). *Ecological Questions*, 14: 15-16
22. Grigore M.-N., 2011. The ecological point of view could complicate the attempt to create a halophytes database? The Romanian story. *Ecological Questions*, 14: 47- 48
23. Grigore M.-N., Boscaiu M., Vicente O., 2011. Assessment of the Relevance of Osmolyte Biosynthesis for Salt Tolerance of Halophytes under Natural Conditions. *Eur. J. Plant Sci. Biotechnol.*, 5 (Special Issue 2): 12-19
24. Grigore M.-N., Toma C., 2011. Ecological implications of bulliform cells on halophytes, in salt and water stress natural conditions. *Studia Universitatis 'Vasile Goldiș', Ser. Șt. Vieții*, 21 (4): 785-792
25. Grigore M.-N., Toma C., Boscaiu M., 2011. Ecological notes on halophytes species from Mediterranean climate. *Lucr. Șt. (Horticultură), USAMV „Ion Ionescu de la Brad”*, Iași, 54 (1): 29-34
26. Grigore M.-N., Toma C., L. Ivănescu, 2011. Anatomical and ecological observations on Mediterranean halophytes: *Suaeda* Forssk. ex Scop. genus. *Lucr. Șt. (Horticultură), USAMV „Ion Ionescu de la Brad”*, Iași, 54 (1): 23-28
27. Grigore M.-N., Toma C., 2010. A proposal for a new halophytes classification, based on integrative anatomy observations. *Muz. Olteniei Craiova. Studii și Comunicări, Științele Naturii*, 26 (1): 45-50
28. Grigore M.-N., Toma C., 2010. Halophytes, between the fall of civilizations and biosaline agriculture. Ecological disturbances over time. *Muz. Olteniei Craiova. Studii și Comunicări, Științele Naturii*, 26 (2): 199-204
29. Grigore M.-N., Toma C., Boscaiu M., 2010. Dealing with halophytes: an old problem, the same continuous exciting challenge. *An. Șt. Univ. „Al. I. Cuza”, s. II.a. Biol. Veget.*, 56 (1): 21-32
30. Toma C., Grigore M.-N., M. Afemei, I. Stănescu, 2010. Histo-anatomical considerations on some Romanian *Imula* L. species, with pharmacological action. *An. Șt. Univ. „Al. I. Cuza”, s. II.a. Biol. Veget.*, 56 (1): 5-16
31. Grigore M.-N., Toma C., 2008. A histo-anatomical study on some halophylous species of the *Lepidium* genus. *Studia Univ. “Vasile Goldiș”, ser. Șt. Vieții (Life Sciences series)*, 18: 27-31
32. Grigore M.-N., Toma C., 2008. Ecological anatomy investigations related to some halophyte species from Moldavia. *Rom. J. Biol. Plant Biol. Vol. 53 (1)*: 23-30
33. Grigore M.-N., Toma C., 2007. Histo-anatomical strategies of *Chenopodiaceae* halophytes: adaptive, ecological and evolutionary implications. *WSEAS Trans. Biol. Biomed.*, 12 (4): 204-218
34. Grigore M.-N., Toma C., 2006. Ecological anatomy elements related to *Asteraceae* halophytes species. *Stud. Com. Complexul Muzeal Șt. Nat. „Ion Borcea” Bacău*, 21: 94-98
35. Grigore M.-N., Toma C., 2006. Evidencing the successive cambia phenomenon on some halophylous representatives among *Chenopodiaceae* and its possible ecological-adaptive implications. *Stud. Com. Complexul Muzeal Șt. Nat. „Ion Borcea” Bacău*, 21: 87-93
36. Adumitresei L., Toma C., Zamfirache M. M., Tanasescu V., Olteanu Z., Grigore M.-N., 2006. Cercetari morfologice, anatomice, biochimice si fiziologice la taxoni ai genului *Rosa*, cultivati in Gradina Botanica Iasi (nota III). *Lucr. St., ser. Horticultura, Univ. St. Agr. Med. Vet. “Ion Ionescu de la Brad”, Iasi, XLVII, vol.1 (49)*: 323-328
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e) **Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate**

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