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**DEPARTAMENTUL: AGRICULTURĂ ȘI HORTICULTURĂ**  
**GRAD DIDACTIC:**  
**NUME ȘI PRENUME: CĂRBUNAR MIHAI MARCEL**

### LISTA DE LUCRĂRI

#### 1. Teza de doctorat:

Contribuții la studiul mulcirii solului și irigații prin picurare la cultura tomatelor în solarii acoperite cu folii de lungă durată.

#### 2. Publicații:

##### A. Cărți publicat, îndrumare / culegeri publicate:

**A1. Mihai Cărbunar, Cornel Domuța** - Elemente de tehnologie a tomatelor în solarii, Ed. Universității din Oradea, 2009, ISBN 978-973-759-880-6 p.170

**A2. Cărbunar Mihai Marcel** – Legumicultură, Editura Aureo, 2024, ISBN 978-606-794-518-8, p 212

##### B. Capitole publicate în volume colective:

**B 1. Cornel Domuța**, coordonator, V. Șcheau, Gh. Ciobanu, Maria Șandor, Violeta Șcheau, Cornelia Ciobanu, Alina Samuel, **M. Cărbunar**, Maria Colibaș, Ioana Borza, Cr. Domuța, N.C.Sabău, A. Domuța, Camelia Bara, L. Bara, R. Brejea, A. Bunea, Ileana Ardelean, A. Vușcan, Anuța Jurca, Irigațiile în Câmpia Crișurilor 1967-2008, Editura Universității Oradea. ISBN 978-973-759-878-3. 392p, 2009

##### C. Capitole teoretice redactate:

**D. Sisteme de laborator funcționale, după caz, prin care se aduc contribuții la asigurarea și perfecționarea activităților didactice / profesionale.**

##### D1.

#### 3. Articole / studii publicate:

**A. în reviste de specialitate de circulație internațională recunoscute cotate ISI sau indexate în baze de date internaționale specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță:**

**A.1. Borza, DCI (Borza, Domuta C. Ioana) ; Bandici, G (Bandici, Gh.) ; Sabau, NC (Sabau, N. C.) ; Sandor, M (Sandor, Maria) ; Samuel, A (Samuel, Alina) ; Bucurean, E (Bucurean, Elena) ; Stanciu, A (Stanciu, Alina) ; Ardelean, I (Ardelean, Ileana) ; Carbunar, M (Carbunar, M.) . Domuta, C (Domuta, Cr.) Influence of the crop rotation, soil tillage, water supply and weeds on water use efficiency in maize crop from cris plain;**

Bulletin of the University of Agricultural Sciences and Veterinary Medicine, Vol 63, 2006, Volume63Page320-324, <https://www.webofscience.com/wos/woscc/full-record/WOS:000245240200063>

**A. 2.** Blaga Vasile, Bara Lucian, Bara Camelia, Bara Vasile, & **Cărbunar Mihai** – The Determination of the Injections Duration for the Model Suggested by the Authors, , 0107-0108, Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium “Intelligent Manufacturing & Automation: Focus on Next Generation of Intelligent Systems and Solutions” ISBN 978-3-901509-68-1, ISSN 1726-9679, pp 054, Editor B Katalinic, Published by DAAAM International, Vienna, Austria 2008

<https://www.webofscience.com/wos/woscc/full-record/WOS:000262860100053>

**A.3.** Vicas Simona I.; Teusdea Alin C.; **Carbunar Mihai**; Socaci Sonia A.; Socaciu Carmen- Glucosinolates Profile and Antioxidant Capacity of Romanian Brassica Vegetables Obtained by Organic and Conventional Agricultural Practices. PLANT FOODS FOR HUMAN NUTRITION, 2013,I SSN0921-9668 , Volume: 68 Issue: 3 Pages: 313-321

<https://www.webofscience.com/wos/woscc/full-record/WOS:000323667000015>

**A. 4.** Simona I.Vicaș, Alin C. Teusdea, **Mihai Cărbunar**, Adrian Timofte, Vasile Laslo, Sonia A. Socaci, Carmen Socaci-HPLC Fingerprinting of Glucosinolates during Fermentations Assisted by Chemometric Analysis. Romanian Biotechnological Letters, vol.20, no.6, 2015, pag. 11067-11075. <https://www.webofscience.com/wos/woscc/full-record/WOS:000368248300020>

**A.5.** Apahidean, AI (Apahidean, Alexandru Ioan) ; Domocos, D (Domocos, Daniela) ; **Carbunar, M (Carbunar, Mihai)** ; Bei, M (Bei, Mariana) ; Hoza, G (Hoza, Gheorghita) ; Apahidean, AS (Apahidean, Alexandru Silviu) ; CULTIVAR AND FERTILIZATION INFLUENCE ON PRODUCTION AND QUALITY OF TOMATOES GROWN IN POLYETHYLENE TUNNELS IN ECOLOGICAL SYSTEM ; UNIV AGRONOMIC SCIENCES & VETERINARY MEDICINE BUCHAREST – USAMV, SCIENTIFIC PAPERS-SERIES B-HORTICULTURE, Volume63Issue1Page307-314, 2019.

<https://www.webofscience.com/wos/woscc/full-record/WOS:000489993900044>

**A.6. Mihai Cărbunar**, Olimpia Mintas, Nicu Cornel Sabău, Ioana Borza, Alina Stanciu, Ana Pereș, Adelina Venig, Mircea Curilă, Mihaela Lavinia Cărbunar, Teodora Vidican, Cristian Oneț ” Effectiveness of measures to reduce the influence of global climate change on tomatocultivation in solariums. Case study: Crișurilor Plain, Bihor, Romania, Journal by MDPI, Agriculture, vol.11, ISSN 2077-0472 ;2022. (<https://doi.org/103390/agr1644170>)

<https://www.webofscience.com/wos/woscc/full-record/WOS:000803205200001>

**A.7.** Bardas, M (Bardas, Marius) ; Rusu, T (Rusu, Teodor) ; Russu, F (Russu, Florin) ; Simon, A (Simon, Alina) ; Chetan, F (Chetan, Felicia) ; Ceclan, OA (Ceclan, Ovidiu Adrian) ; Rezi, R (Rezi, Raluca) ; Popa, A (Popa, Alin) ; **Carbunar, MM (Carbunar, Mihai Marcel)** ; The Impact of Foliar Fertilization on the Physiological Parameters, Yield, and Quality Indices of the Soybean Crop; Journal by MDPI, Agronomy, Volume13Issue5,ISSN 2073-4395;2023 , (DOI10.3390/agronomy13051287)

<https://www.webofscience.com/wos/woscc/full-record/WOS:000995378300001>

**A. 8.** Rusu, T (Rusu, Teodor) ; Moraru, PI (Moraru, Paula Ioana) ; Mintas, OS (Mintas, Olimpia Smaranda) ; **Carbu-Nar, MM (Carbu-Nar, Mihai Marcel)** ; Pop, H (Pop, Horia) ; Luput, IN (Luput, Ioan Nicolae) ; Basil and Lettuce Microgreens Production in Low-Cost Hydroponic Installations, under Operational and SemiControlled Conditions ;

Bulletin of university of agricultural sciences and veterinary medicine cluj-napoca-food science and technology; volume 80 ISSUE 2 ,ISSN 2344-2344, 2023.

<https://www.webofscience.com/wos/woscc/full-record/WOS:001181798400010>

**A.9.** Moisa, C (Moisa, Corina) ; Brata, AM (Brata, Anca Monica) ; Muresan, IC (Muresan, Iulia C.) ; Dragan, F (Dragan, Felicia) ; Ratiu, I (Ratiu, Ioana) ; Cadar, O (Cadar, Oana) ; Becze, A (Becze, Anca) ; **Carbunar, M (Carbunar, Mihai)** ; Brata, VD (Brata, Vlad Dumitru) ; Teusdea, AC (Teusdea, Alin Cristian); Comparative Analysis of Vitamin, Mineral Content, and Antioxidant Capacity in Cereals and Legumes and Influence of Thermal Process, Journals Plants Volume 13 Issue 7 10.3390/plants13071037, ISSN 2223-7747, 2024.

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**A.10.** The influence exerted by LEDs and fluorescent tubes, of different colors, on regenerative processes and morphogenesis of *Rebutia heliosa* in vitro cultures ; Teodora Iuliana VIDICAN, **Mihai Marcel CĂRBUNAR** (✉), Andra Nicoleta LAZĂR, Ioana Maria BORZA, Gabriela Argentina POPOVICIU, Andrada Iulia IENCIU, Mihaela Lavinia CĂRBUNAR, Oana Maria VIDICAN; Journal of Central European Agriculture, 2024, 25(2), p.502-516, ISSN 1332-9049, 2024, DOI: /10.5513/JCEA01/25.2.4336

<https://www.webofscience.com/wos/woscc/full-record/WOS:001263449800020>

**A.11.** Alexandru Ioan APAHIDEAN<sup>1</sup>, Gheorghița HOZA<sup>2</sup>, Mihai CARBUNAR<sup>3</sup>, Mariana BEI<sup>3</sup>, Maria DINU<sup>4</sup>, Alexandru COJOCARU<sup>5</sup>, Sandor ROZSA<sup>1</sup>. THE INFLUENCE OF CULTIVAR AND ORGANIC FERTILIZATIONS ON PLANT GROWTH, PRODUCTION AND QUALITY OF SWISS CHARD, IN WESTERN ROMANIA Scientific Papers. Series B, Horticulture. Vol. LXVIII, No. 1, 2024 Print ISSN 2285-5653, CD-ROM ISSN 2285-5661, Online ISSN 2286-1580, ISSN-L 2285-5653. International Database Indexing: Web of Science Core Collection (PLANT SCIENCES in ESCI edition) Q4

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[https://horticulturejournal.usamv.ro/pdf/2024/issue\\_1/vol2024\\_1.pdf](https://horticulturejournal.usamv.ro/pdf/2024/issue_1/vol2024_1.pdf) <http://mjil.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=2285-5653>

## **B. indexate în baze de date internaționale recunoscute (BDI):**

**B.1.** Cărbunar M., Domuța C.- Research regarding the covering sources of the tomatoes water consumption in the solarium conditions 2006. Buletin USAMV Cluj Napoca, seria Horticultură, vol 63, ISSN 1454-2382, pag. 446-447, Ed.Academic Pres.  
<https://journals.usamvcluj.ro/index.php/horticulture/article/view/1903>

**B.2.** Domuța C., Șandor Maria, Bandici Gh., Sabău N.C., Ioana Borza, **M. Cărbunar**, Alina Samuel, Alina Stanciu, Ileana Ardelean, Brejea R., Domuța Cr., Modifications of the soil structure under the erosion and crops influence in the condition from NorthWestern Romania, Buletin USAMV Cluj-Napoca 63, ISSN 1454-2382, pp.447, 2006. (B+)  
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**B.3.** Domuța C., Ioana Borza, Bandici Gh., Sabău N.C., Șandor Maria, Alina Samuel, Elena Bucurean, Alina Stanciu, Ileana Ardelean, **M. Cărbunar**, Domuța Cr., Influence of the crop rotation, soil tillage, water supply and weeds on water use efficiency in maize crop from Criș Plain, Buletin USAMV Cluj-Napoca 63, ISSN 1454-2382, pp. 320-324, 2006. (B+)  
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**B.4.** Domuța C., Șandor Maria, **M.Cărbunar**, Bandici Gh., Scheau V., Alina Samuel, Ioana Borza, Radu Brejea, Domuța Cr., Irrigation scheduling in tomatoes' solarium crops, *Lucrări științifice USAMVB, seria B, Vol. I, 2007, pp.161-165, 2007.*

**B.5. Cărbunar M.**, Bei Mariana- Studies Concerning Tomatoes Hybrid Tilled in Solarium in Ecological Crop, pag. 236-239, International Symposium "Risk Factors for Environment and Food Safety", Faculty of Environmental Protection, November 5 - 6, Oradea 2010, ISSN-1583-4301. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/97-protectia-mediului-2010>

**B.6.** Bei Mariana, Apahidean Silviu, **Cărbunar M.**- The influence of some agro-technological features on the cucumber yield from plastic tunnels in the Western area of Romania, Simpozionul științific anual cu participare internațională, Horticultura-știință, calitate, diversitate și armonie, Iași, 27-28 Mai, 2010(B+)

**B.7.** Bei Mariana, Apahidean S., **Cărbunar M.** The influence of some technological elements upon the production of organic cucumbers cultivated in solariums, Banat's University of agricultural sciences and veterinary medicine Timișoara, Journal of Horticulture, Forestry and Biotechnology, 2010 Volume 14(2), Pag.321, ISSN 2066-1797.(B+)

**B.8. Cărbunar Mihai**, Popovici Mariana-Research related to the stage fertilization in the culture of tomatoes grown greenhouses in an ecological culture *Analele Universității Oradea, Fascicula Protecția mediului*, vol,xvi, 2011 pag. 218-223,, Ed.Univ.Oradea ISSN 1224-6255 <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/95-protectia-mediului-2011a>

**B.9.** Domuța Cornel, **Cărbunar Mihai** Șandor Maria ,Borza Ioana, Breja Radu, Domuța Cristian, Gîtea Manuel, Vușcan Adrian, Cristian Oneț-Reserches regarding the use of the Piche evaporimeter in the irrigation scheduling of the tomatoes solarium crops, *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 229-235, vol.xvi, 2011, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/95-protectia-mediului-2011a>

**B.10. Cărbunar Mihai**,Popovici Mariana-Contributions to the improvement of the onion cultivation technology in an ecological system, *Analele Universității Oradea, Fascicula Protecția Mediului* pag 239-245,vol.XV11,2011, Ed. Univ. OradeaISSN 1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/96-protectia-mediului-2011b>

**B.11.** VICAS, Simona Ioana; FETEA, Florinela; **CARBUNAR, Mihai**; SOCACIU, Carmen Research Brassica plant metabolites glucopyranose vegetables fourier transform infrared spectroscopy. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Agriculture . 2012, Vol. 69 Issue 2, p430-439

**B.12.** Bei Mariana Florica, **Cărbunar Mihai**-Organic Vegetable Products Diversification and Promotion in Order to Improve Food Intake. *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 241-245, vol.XIX, 2012, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/94-protectia-mediului-2012b>

**B.13.**Jude Eugen, **Cărbunar Mihai**.- Research on the Influence of Phasial Fertilization on Autumn Cauliflower Cultures in Ecological System. *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 246-249, vol.XIX, 2012, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/94-protectia-mediului-2012b>

**B.14.** Pantea Emilia, Romocea Tamara, Ghergheleş Carmen, **Cărbunar Mihai**-The Impact of Wastewater from Treatment Plant of Oradea on Seed Germination of *Lycopersicon esculentum*. *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 769-776, vol.XIX, 2012, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/94-protectia-mediului-2012b>

**B.15.** Stanciu Alina, Bucurean Elena, **Cărbunar Mihai**, Vidican Iuliana Teodora- Increasing biomass in *Phleum pratense* species according to climatic conditions and fertilization. *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 139-142, vol.XXIII, 2014, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/90-protectia-mediului-2014b>

**B.16.** Stanciu Alina, Lazăr Andra, **Cărbunar Mihai**- Preenial grasses crop yields as a result of application of graduated doses of nitrogen *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 143-146, vol.XXIII, 2014, Ed. Univ. Oradea ISSN1224-6255.. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/90-protectia-mediului-2014b>

**B.17.** **Cărbunar Mihai**, Stanciu Alina, Ștef Valeriu Adrian,-Influence of low temperatures upon the lettuce production in some lettuce varieties cultivated in tunnels. . *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 219-224, vol.XXIII, 2014, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/90-protectia-mediului-2014b>

**B.18.** **Cărbunar Mihai**, Mariana Bei - Researches concerning the influence of soil mulching with polyethylene black and translucent folio for tomato plastic green houses International Symposium "Risk Factors for Environment and Food Safety" 2009. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/98-protectia-mediului-2009>

**B.19.** **Cărbunar Mihai**, Stanciu Alina, Domocoș Daniela-Research on the behaviour of some tomato hybrids in ecological culture cultivated in the tunnels.

**B.20.** **Cărbunar Mihai**, Silagy Dorin, Bei Mariana .Influence of Phasal Fertilization on Petioles Yield in Swiss Chards Crop in Ecological System. . *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 111-117, vol.XXV, 2015, Ed. Univ. Oradea ISSN1224-6255 <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/87-protectia-mediului-2015b>

**B.21.** **Cărbunar Mihai**, Popovici Mariana, Silagy Dorin-The Influence of Culture on How to set up Earliness and Production of Chard. *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 71-79, vol.XXVII, 2016, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/84-protectia-mediului-2016a>

**B.22.** Domocoș Daniela, Apahidean Al. Silviu, **Cărbunar Mihai**-Researches of the Production of Many Breeds of Tomatoes Cultivated in Ecologic System in North Western Romania. *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 79-85, vol.XXVII, 2016, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/84-protectia-mediului-2016a>

**B.23.** Ștef Valeriu Adrian, Apahidean Al. Silviu, **Cărbunar Mihai**- Researches on the Production of some Breeds of Salad in Ecologic Culture. *Analele Universității Oradea ,Fascicula*

Protecția Mediului pag. 85-93, vol.XXVII, 2016, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/84-protectia-mediului-2016a>

**B.24.Cărbunar Mihai**, Popovici Mariana, Ienciu Andrada-Research on the Phasial Fertilisation of Organic Eggplants Cultivated in Greenhouses. Analele Universității Oradea ,Fascicula Protecția Mediului pag. 107-113, vol.XXVII, 2016, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/85-protectia-mediului-2016b>

**B.25.Ștef Valeriu Adrian**, Apahidean Al. Silviu, **Cărbunar Mihai**-Researches on the Resistance to the Release of Floriferous Stalks for Many Breeds of Salad of Ecologic Culture . Analele Universității Oradea ,Fascicula Protecția Mediului pag. 145-149, vol.XXVII, 2016, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/85-protectia-mediului-2016b>

**B.26.Domocoș Daniela**, Al.S. Apahidean, **M. Cărbunar**, Mariana Bei, Al. I. Apahidean, A.V. Ștef- Influence of cultivar and fertilization mode upon early production of tomatoes cultivated in an ecological system . Agriculture - Science and Practice , pag.53-58, no. 1 – 2 (101-102)/2017. Ed. Academic Pres, ISSN 1221-5317. <https://journals.usamvcluj.ro/index.php/agricultura/article/view/12703>

**B.27.Ștef A. V.**, Al. S. Apahidean, **M. Cărbunar**, Mariana Bei1, Al. I. Apahidean, Daniela Domocoș- Influence of cultivar and planting period on salad cultivated in ecological system. . Agriculture - Science and Practice , pag.48-52, no. 1 – 2 (101-102)/2017. Ed. Academic Pres, ISSN 1221-5317. <https://journals.usamvcluj.ro/index.php/agricultura/article/view/12702>

**B.28.Stanciu Alina Ștefania**, **Cărbunar Mihai**, Vidican Teodora, Lazăr Andra-Ecological and agronomic value of type of Botriochloa ischaemum grasslands. Analele Universității Oradea ,Fascicula Protecția Mediului pag. 91-95, vol.XXVIII, 2017, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/82-protectia-mediului-2017a>

**B.29.Cărbunar Mihai**, Stanciu Alina- The influence of organic fertilization in several tomato and pepper hybrids grown in greenhouses. Analele Universității Oradea ,Fascicula Protecția Mediului pag. 131-137, vol.XXVIII, 2017, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/82-protectia-mediului-2017a>

**B.30.Silagy Dorin**, **Cărbunar Mihai**, Popovici Mariana- Research on the growth and development of petioles and leaves in several swiss chard varieties. . Analele Universității Oradea ,Fascicula Protecția Mediului pag. 137-145, vol.XXVIII, 2017, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/82-protectia-mediului-2017a>

**B.31.Stanciu Alina Ștefania**, Berchez Octavian , **Cărbunar Mihai**- Ecological and agronomical value of type Agrostis stolonifera – Festuca valesiaca grasslands. Analele Universității Oradea ,Fascicula Protecția Mediului pag. 53-59, vol. XXIX, 2017, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/83-protectia-mediului-2017b>

**B.32. Cărbunar Mihai**, Stanciu Alina, Bara Camelia- The influence of phase-fertilization on strawberries grown in different culture systems and in different densities. *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 93-99, vol. XXIX, 2017, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/83-protectia-mediului-2017b>

**B.33. Ienciu Andrada, Cărbunar Mihai**- The comparative study of eggplants varieties grown in greenhouses in ecological system. . *Analele Universității Oradea ,Fascicula Protecția Mediului* pag. 113-119, vol. XXIX, 2017, Ed. Univ. Oradea ISSN1224-6255. <https://protmed.uoradea.ro/nou/index.php/archive/15-protectia-mediului-arhiva/83-protectia-mediului-2017b>

**B.34. Ienciu Andrada, Apahidean AlexandruSilviu, Carbunar Mihai, Apahidean Alexandru Ioan** , STUDY ON BEHAVIOUR OF AN EGGPLANT ASSORTMENT GROWN IN OPEN FIELD IN A CONVENTIONAL SYSTEM. *Revista Agricultura*. no.3-4(107-108)/2018 ISSN 1221-5317,Ed.AcademicPres <https://journals.usamvcluj.ro/index.php/agricultura/article/view/13133>

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 Sursa: REVISTA DE CHIMIE Volume: 69 Issue: 2 Pages: 365-370 Published Date: 2018 FEB
- F.37. Brezeanu, PM (Brezeanu, P. M.); Brezeanu, C (Brezeanu, C.); Ambarus, S (Ambarus, S.) et. all.  
 Titlu : VII INTERNATIONAL SYMPOSIUM ON BRASSICAS Book Series: Acta Horticulturae Volume: 1202 Pages: 47-54 DOI: 10.17660/ActaHortic.2018.1202.7 Published Date: 2018
- F.38. Hirano, M (Hirano, Marina); Takeda, S (Takeda, Shogo); Hitoe, S (Hitoe, Shoketsu) et. All.  
 Titlu: Glucosinolates and isothiocyanates from broccoli seed extract suppress protein glycation and carbonylation  
 Sursa: FUNCTIONAL FOODS IN HEALTH AND DISEASE Volume: 8 Issue: 1 Pages: 35-48 Published Date: 2018 JAN
- F.39. Lima, GPP (Pereira Lima, Giuseppina Pace); Borges, CV (Borges, Cristine Vanz); Vianello, F (Vianello, Fabio) et. all.  
 Titlu : Phytochemicals in Organic and Conventional Fruits and Vegetables  
 Sursa: FRUIT AND VEGETABLE PHYTOCHEMICALS: CHEMISTRY AND HUMAN HEALTH, VOLS I & II, 2ND EDITION Pages: 1305-1322 Published Date: 2018
- F.40. Samec, D (Samec, Dunja); Pavlovic, I (Pavlovic, Iva); Salopek-Sondi, B (Salopek-Sondi, Branka) et. all.  
 Titlu : White cabbage (*Brassica oleracea* var. *capitata* f. *alba*): botanical, phytochemical and pharmacological overview  
 Sursa: PHYTOCHEMISTRY REVIEWS Volume: 16 Issue: 1 Pages: 117-135 DOI: 10.1007/s11101-016-9454-4 Published Date: 2017 FEB
- F.41. Possenti, M (Possenti, Marco); Baima, S (Baima, Simona); Raffo, A (Raffo, Antonio) et. all.  
 Titlu : Glucosinolates in Food  
 Sursa: GLUCOSINOLATES Book Series: Reference Series in Phytochemistry Pages: 87-132 DOI: 10.1007/978-3-319-25462-3\_4 Published Date: 2017  
 Book DOI: 10.1007/978-3-319-25462-3

- F.42. Purcarea, C (Purcarea, Cornelia); Teusdea, AC (Teusdea, Alin Cristian); Chis, AM (Chis, Adriana Monica)  
 Titlu: Chemometric Analysis of Selected Honey Samples from Western Part of Romania  
 Sursa: REVISTA DE CHIMIE Volume: 67 Issue: 11 Pages: 2129-2133 Published Date: 2016 NOV
- F.43. Jurca, T (Jurca, Tunde); Vicas, L (Vicas, Laura); Tóth, I (Toth, Imre); Braun, M (Braun, Mihaly) et. all.  
 Titlu : MINERAL ELEMENTS PROFILE, BIOACTIVE COMPOUNDS AND ANTIOXIDANT CAPACITY OF WILD BLUEBERRY AND OF PHARMACEUTICAL PREPARATIONS FROM BLUEBERRY (<i>VACCINIUM MYRTILLUS</i>)  
 Sursa: FARMACIA Volume: 64 Issue: 4 Pages: 581-587 Published Date: 2016 JUL-AUG
- F.44. Robin, AHK (Robin, Arif Hasan Khan); Yi, GE (Yi, Go-Eun); Laila, R (Laila, Rawnak) et. All.  
 Titlu: Expression Profiling of Glucosinolate Biosynthetic Genes in <i>Brassica oleracea</i> L. var. <i>capitata</i> Inbred Lines Reveals Their Association with Glucosinolate Content  
 Sursa: MOLECULES Volume: 21 Issue: 6 Article Number: 787 DOI: 10.3390/molecules21060787 Published Date: 2016 JUN
- F.45. Awasthi, S (Awasthi, Saurabh); Saraswathi, NT (Saraswathi, N. T.)  
 Titlu : Sinigrin, a major glucosinolate from cruciferous vegetables restrains non-enzymatic glycation of albumin  
 Sursa: INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES Volume: 83 Pages: 410-415 DOI: 10.1016/j.ijbiomac.2015.11.019 Published Date: 2016 FEB
- F.46. Vieites-Outes, C (Vieites-Outes, Concepcion); López-Hernández, J (Lopez-Hernandez, Julia) et. all.  
 Titlu : Modification of glucosinolates in turnip greens (<i>Brassica rapa</i> subsp <i>rapa</i> L.) subjected to culinary heat processes  
 Sursa: CYTA-JOURNAL OF FOOD Volume: 14 Issue: 4 Pages: 536-540 DCI: 10.1080/19476337.2016.1154609 Published Date: 2016
- F.47. Vicas, SI (Vicas, Simona I.); Teusdea, AC (Teusdea, Alin C.); Carbunar, M (Carbunar, Mihai) et. all.  
 Titlu : HPLC Fingerprinting of Glucosinolates during Fermentations Assisted by Chemometric Analysis  
 Sursa: ROMANIAN BIOTECHNOLOGICAL LETTERS Volume: 20 Issue: 6 Pages: 11067-11075 Published Date: 2015 NOV-DEC
- F.48. Bhandari, SR (Bhandari, Shiva Ram); Jo, JS (Jo, Jung Su); Lee, JG (Lee, Jun Gu)  
 Titlu : Comparison of Glucosinolate Profiles in Different Tissues of Nine <i>Brassica</i> Crops  
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- F.49. Vicas, L (Vicas, Laura); Teusdea, A (Teusdea, Alin); Vicas, S (Vicas, Simona); Marian, E (Marian, Eleonora) et. all.  
 Titlu : ASSESSMENT OF ANTIOXIDANT CAPACITY OF SOME EXTRACTS FOR FURTHER USE IN THERAPY  
 Sursa: FARMACIA Volume: 63 Issue: 2 Pages: 267-274 Published Date: 2015 MAR-APR
- F.50. Bongoni, R (Bongoni, Radhika); Verkerk, R (Verkerk, Ruud); Steenbekkers, B (Steenbekkers, Bea) et. All.  
 Titlu: Evaluation of Different Cooking Conditions on Broccoli (<i>Brassica oleracea</i> var. <i>italica</i>) to Improve the Nutritional Value and Consumer Acceptance

F.51. Bei Mariana Florica, Domuța Cristian, Cărbunar Mihai, 2013, Research regarding the use of the piche evaporimeter for irrigation scheduling in cucumber under polyethylene tunnel condition, Natural Resources and Sustainable Development, I.S.S.N. 2066-6276, pag. 101-103, Edit. Universității din Oradea,

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Domuța Cristian Gabriel INFLUENȚA IRIGĂRII CORECTE ASUPRA PRODUCȚIEI DE SOIA, ÎN CÂMPIA CRIȘURILOR THE IMPACT OF IRRIGATION SYSTEM ON SOYBEAN PRODUCTION FROM CRIȘ PLAIN, Social Science Electronic Publishing. Impactul transformărilor socio-economice și tehnologice la nivel national, european si mondial; Nr.2/2015, Vol. 2. Romanian Academy - Institute for World Economy. 2015. <http://ssrn.com/abstract=2631531>

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Jude Eugen - Soiul component al sistemului Sol - apă - plantă - atmosferă la culturile de ardei, varză de toamnă și pepeni verzi din Câmpia Crișurilor Impact of soil-water-atmosphere system in crops of Peppers, cabbage and watermelons from the Criș Plain, Social Science Electronic Publishing. Impactul transformărilor socio-economice și tehnologice la nivel national, european si mondial; Nr.2/2015, Vol. 2. Romanian Academy - Institute for World Economy. 2015 <http://ssrn.com/abstract=2632039>

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Citat de:

JUDE, Eugen Traian - Impact of soil-water-atmosphere system in crops of peppers, cabbage and watermelons from the Criș plain NOS Home → IWE - POSDRU159/1.5/S/140106 → Impact of Socioeconomic and Technological Transformations at a National, European and World Level → 2/2015 Fundamental Economic Research in the Field of Agriculture, Food Safety and Security. Timisoara <http://www.nos.iem.ro/handle/123456789/59>

F.54. Ștef A. V., Al. S. Apahidean, M. Cărbunar, Mariana Bei, Al. I. Apahidean, Daniela Domocoș. INFLUENCE OF CULTIVAR AND PLANTING PERIOD ON SALAD CULTIVATED IN ECOLOGICAL SYSTEM. AGRICULTURE - Science and Practice Journal, no. 1 – 2 (101-102)/2017, JOURNAL ISSN: Print ISSN 1221-5317, pag. 48-52, (CABI, VINITI, Index Copernicus, EBSCO), <http://journals.usamvcluj.ro/index.php/agricultura/article/view/12702>

Citat de:

Maria, M. C., Angelica, D. M., & Constantin, P. F. STUDY ON THE EVOLUTION OF THE SHEEP HERDS IN THE MIERSIGULUI PLAIN. Annals of the University of Oradea,

F.55. Alexandru Ioan APAHIDEAN, Daniela DOMOCOȘ, Mihai CĂRBUNAR, Mariana BEI, Gheorghița HOZA, Alexandru Silviu APAHIDEAN. CULTIVAR AND FERTILIZATION INFLUENCE ON PRODUCTION AND QUALITY OF TOMATOES GROWN IN POLYETHYLENE TUNNELS IN ECOLOGICAL SYSTEM. Scientific Papers. Series B, Horticulture. Vol. LXIII, No. 1, 2019 Print ISSN 2285-5653, CD-ROM ISSN 2285-5661, Online ISSN 2286-1580, ISSN-L 2285-5653. 307-314. Web of Science Core Collection (Emerging Sources Citation Index - THOMSON REUTERS) <http://mjl.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=2285-5653>

Citat de:

Mina, M.C.M. Avaliação do impacto da micorrização na cultura do tomate de indústria na presença de *Orobanche ramosa*. Lisboa: ISA-Universidade de Lisboa, 2022. Dissertação de Mestrado. <http://hdl.handle.net/10400.5/29494>

Sursa: PLANT FOODS FOR HUMAN NUTRITION Volume: 69 Issue: 3 Pages: 228-234 DOI: 10.1007/s11130-014-0420-2 Published Date: 2014 SEP

**4. A. Articole / studii publicate în volumele unor manifestări științifice: (se precizează dacă este cazul – cotate ISI, sau indexate în baze de date internaționale – BDI)**

**B. internaționale recunoscute (cu ISSN sau ISBN) din țară și din străinătate:**

**C. naționale:**

**5. Brevete de invenție:**

**6. Proiecte / contracte / granturi de cercetare – dezvoltare – inovare:**

**A. Obținute prin competiție pe bază de contract / grant internaționale:**

**B. Obținute prin competiție pe bază de contract / grant naționale:**

**B.1.** Proiect P.S. 359/2006-2010 Valorificarea eficientă a resurselor zonei montane prin realizarea de produse specifice tradiționale, Valoare 40000 RON( director Cărbunar Mihai)

**B.2.** Proiect MEC – Laborator de cercetare a factorilor de risc pentru agricultură, silvicultură și mediul înconjurător (Director Prof.dr. Bara Vasile). Valoare 2.541.000 RON, perioada 2006-2008

**B.3.** Proiect CNCISIS - Studiul parametrilor de fertilitate ai preluvosolului din experiențele de lungă durată cu asolamente de la Oradea în contextul realizării unui sistem de agricultură durabilă în Câmpia Crișurilor. (Director proiect Prof. dr. Bandici Gheorghe). Unități participante: Universitatea din Oradea. Număr participanți: 25. Perioada : 2006-2008. Valoare 56.000 RON

**B.4.** Proiect CNCISIS (Tema 4 cod 1140 contr. Nr. 27648) - Cercetări pentru îmbunătățirea agrotehnicii terenurilor în pantă din nord-vestul României în vederea realizării unui sistem de agricultură durabilă. (Director proiect Conf.dr. Domuța Cornel) Valoare 36.000 RON, perioada 2004-2007

**B.5.** Proiect Agral - Cercetări privind managementul integrat de protecție a culturii porumbului împotriva atacului speciei *Diabrotica virgifera*, *virgifera* în vederea realizării unui sistem de agricultură durabilă în partea de NV a României”. Perioada 2004 – 2006. Valoare 1 mld. ROL. (Director proiect conf.dr.ing. Cornelia Ciobanu) Unități participante SCDA Oradea, Universitatea din Oradea, Unitatea Fitosanitară Bihor, Liceul Agricol Salonta. Numar participanți 37

**B.6.** Proiect CNFIS-ISD-2016-0036- Creșterea competitivității stațiunii didactice a Universității Oradea, 2016.

**B.7.** Proiect POCU Antreprenor pentru viitor. Formator studenți. Oradea 2019

**D. alte lucrări de cercetare – dezvoltare, după caz:**

**7.A. Creații artistice prezentate la manifestări recunoscute, precum și, după caz, alte lucrări similare:**

**B. Lucrări prezentate la diferite seminarii / expoziții și nepublicate etc.:**

**8. Recunoașterea prestigiului științific:**

**A. Conducere de doctorat:**

**B. Referent în comisii de doctorat internaționale în ultimii 5 ani:**

**C. Membru în colectivele de redacție ale unor reviste științifice recunoscute:**

**D. Referent atestat al unor reviste științifice cotate ISI sau indexate în BDI în ultimii 5 ani:**

**E. Expert științific atestat național / internațional:**

**F. Premii:**

**G. Membru în asociații științifice profesionale**

**1. - Agroecologia , Cluj-Napoca**

**2. - Asociația Horticultorilor din România**

**9. Alte date neprecizate mai sus:**

Data,  
07.08.2024

Semnătura,