

Nume Prenume: Trașcă Teodor – Ioan
 Gradul didactic: Profesor
 Instituția unde este titular: U.S.V „Regele Mihai I” din Timișoara
 Facultatea: Inginerie Alimentară
 Departamentul: Tehnologii Alimentare

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Contribuții la optimizarea proceselor de fabricație a matrițelor cu miezuri din cristale sintetice pentru extrudarea pastelor făinoase, susținută la data de 18.03.2003, cum laudae cu toate onorurile și drepturile aferente, Universitatea „Politehnica” din Timișoara, coordonator științific prof.dr.ing. Vasile Popovici, doctor în domeniul Inginerie mecanică, în baza Ordinului Ministerului Educației și Cercetării nr. 3896 din 24.04.2003.

B. Cărți și capitole în cărți publicate în ultimii 10 ani (2013-2022)

Nr. crt.	Nume, prenume autor(i)	Titlul cărții/monografiei	Editura / ISBN	Anul	Număr de pagini
1.	Bodname, S.E., Trașcă, T.I.	Gasztronómia a magyar-román határ mentén' összes példány	ISBN 978-963-306-207-4	2013	100
2.	Gerzabek M.H., Trașcă T.I. (Eds.)	The Role of Life Sciences in Europe's 2020 Strategy	Editura Agroprint Timișoara	2016	100
3.	Raupp M.G., Trașcă T.I.	Cheia pentru succesul profesional și dezvoltarea personală este competența lingvistică: abecedar pentru dialogul germano-român. Der Schlüssel für den Berufserfolg und Persönlichkeitsentwicklung ist die Sprachkompetenz: Lesebibel für den deutsch-rumänischen Dialog	Editurile Lorrach International & Agroprint Timișoara / ISBN 978-606-785-058-1, 978-3-945046-03-6	2017	100

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani (2013-2022)

a. Lucrări indexate ISI

Nr. crt.	Titlul articolului	Nume, prenume autor(i) articol	Revista (ISSN, nr. volum)	Anul publicării	Factor de impact	Scor relativ de influență
1.	Sustainable Nutrition for Increased Food Security Related to Romanian Consumers' Behavior	Balan, I.M.; Gherman, E.D.; Gherman, R.; Brad, I.; Pascalau, R.; Popescu, G.; Trasca, T.I.	Nutrients, ISSN 2072-6643, 14(22),	2022	6.706	
2.	Metabolic Food Waste as Food Insecurity Factor—Causes and Preventions	I.M.Balan, E.D.Gherman, I.Brad, R.Gherman, A.Horablaga, T.I.Trasca	Foods, ISSN 2304-8158, 11(15)	2022	5.561	
3.	Considerations on physical separation of a natural lipid mixture by production of lipid fractions	Rinovetz A., Alexa E., Cocan I., Popescu I., Radoi B., Trasca T. ,	Carpathian Journal of Food Science and Technology, ISSN 2066-6845, 10(1)	2018	0	
4.	Compositional, functional and sensory characteristics of a	Bratu C., Trasca T.I. , Cioban C., Dogaru D.V.	SGEM 2017 Conference Proceedings, 17(61), ISSN	2017	0	

	symbiotic dairy product		1314-2704			
5.	Physic-chemical and sensorial characterisation of traditional ecologic Romanian meat product type sausages	Radoi P.B., Trasca T.I. , Cocan I., Negrea M., Rinovetz A.	Conference Proceedings of the 17th International Multidisciplinary Scientific Geoconferences SGEM 2017, 17(61)	2017	0	
6.	Assessing the influence of various factors on antioxidant activity of medicinal herbs	Stef D.S., Gergen I., Trasca T.I. , Rivis A., Stef L., Cristina R.T., Druga M., Pet I.	Romanian Biotechnological Letters, 22(4)	2017	0.396	
7.	Studies regarding the water content of pork ham	Roșca (Bordea) N.S., Cocan I., Rădoi P.B., Dogaru D., Trașcă T.I.	Carpathian Journal of Food Science and Technology, 9(3)	2017	0	
8.	Comparative study regarding physicochemical characteristics of chicken polish sausages with natural extracts and chemical additives	Bordea S.A., Negrea M., Trașcă T.I.	Carpathian Journal of Food Science and Technology, ISSN 2066-6845, 9(2), 21-25, http://chimie-biologie.ubm.ro/carpathian_journal/Vol_9(2)_2017.pdf	2017	0	
9.	Total Phenolic, Cinnamic Acids and Selected Microelements in Gluten Free Pasta Fortified with Banana	Radoi P.B., Alexa E., Radulov I., Morvay A., Mihai C.S.S., Trasca T.I.	Revista de Chimie, 66(8)	2016	0.956	
10.	Basic surface + active properties in the homologous series of β -alkyl (C ₁₂ H ₂₅ /C ₁₈ H ₃₇) polyethylenoxy (n=0-20) propionamides	Rivis A., Bujanca G., Trasca T.	Chemistry Central Journal, 7	2013	1.663	
11.	Physic and chemical properties of whole grain natural flours and their combinations used to produce extrudes food and feed	Popa N., Buta N.I., Roman L.A., Radoi B., Negrea M., Stoin D., Trasca T.I.	Current Opinion in Biotechnology, 24(1), S88	2013	7.86	
12.	Evaluation of the antioxidant effect of thymus vulgaris extract concerning rapeseed oil used in food thermal applications	Buta N.I., Poiana A., Popa N., Bordea A., Trasca T.I.	Current Opinion in Biotechnology, 24(1), S93	2013	7.96	

b. Lucrări indexate BDI

Nr. crt.	Titlul articolului	Nume, prenume autor(i) articol	Revista (ISSN, nr. volum)	Anul publicării	Baza de date
1.	Red kidney bean and rice flours: potential ingredients in the production of gluten-free bread with functional quality	Stoin D., Petrovich L.I., Velciov A.B., Cozma A., Trasca T. , Rivis A., Jianu C.	Journal of Agroalimentary Processes and Technologies, ISSN (online) 2068-9551, 25(1)	2019	CABI
2.	Assessing physicochemical some types of beer produced in Romania	Heghedus Mindru G., Heghedus Mindru R.C., Trasca T.I. , Stef D.S., Radoi B.P.	18th International Multidisciplinary Scientific GeoConference SGEM 2018, Section Advances in Biotechnology	2018	CABI
3.	Evaluation of the nutritional and sensory quality of functional bread assortments obtained from wheat flour and carrot powder (Daucus carota L.)	Stoin D., Negrea M., Jianu C., Velciov A., Trasca T.	Journal of Agroalimentary Processes and Technologies, ISSN (online) 2068-9551, 23(4),	2017	CABI
4.	Sensory analysis of experimental hearth baked white bread added with soy flour	Petruț D., Stoin D., Alexa E., Cocan I., Trașcă T.I.	Journal of Agroalimentary Processes and Technologies, ISSN (online) 2068-9551, 23(2)	2017	CABI
5.	Sensory analysis of experimental hearth baked dark bread added with soy flour	Petruț D., Alexa E., Stoin D., Cocan I., Trașcă T.I.	Journal of Agroalimentary Processes and Technologies, ISSN (online) 2068-9551, 23(3)	2017	CABI
6.	Increasing the nutritional and functional value of the pastry dough by adding apricot	Rinovetz A., Alexa E., Cocan I., Popescu I., Rădoi B., Trașcă T.	Journal of Agroalimentary Processes and Technologies, ISSN (online) 2068-9551, 23(4)	2017	CABI
7.	Study on thermo-oxidative stability of soybean oil during convective heating at simulated frying temperature	Poiana M.A., Trasca T. , Moigradean D., Gaita C.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 22(2)	2016	CABI
8.	Considerations for developing a	Rădoi B.P., Stoin D., Alexa	Journal of Agroalimentary Processes	2015	CABI

Nr. crt.	Titlul articolului	Nume, prenume autor(i) articol	Revista (ISSN, nr. volum)	Anul publicării	Baza de date
	generalized model to produce and characterize pasta with high nutritional value	E., Olteanu G., Iovan M., Trașcă T.I.	and Technologies, ISSN 2069-0053, 21(3)		
9.	Considerations for developing a generalized model to produce and characterize pasta with high nutritional value	Radoi P.B., Stoin D., Alexa E., Olteanu G., Iovan M., Trasca T.I.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 21(3)	2015	CABI
10.	Sensory evaluation of some sweet gluten-free bakery products based on rice and buckwheat flour	Iovan L.M., Radoi B.P., Stoin D., Trasca T.I. , Negrea M.	Journal of Biotechnology, eISSN: 1873-4863, 208, S82,	2015	CABI
11.	Nutritional characterization of raw-dried meat products	Bordea I.G., Cocan I., Dogaru D., Trașcă T.I.	Journal of Agroalimentary Processes and Technologies, ISSN 2069-0053 23(2)	2017	CABI
12.	Studies regarding the obtaining and sensory analysis of gluten-free muffins with buckwheat flour addition	Iovan L.M., Stoin D. , Trașcă I. , Rădoi B.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 21(3)	2015	CABI
13.	Considerations for developing a generalized model to produce and characterize pasta with high nutritional value	Rădoi P.B., Stoin D., Alexa E., Olteanu G., Iovan M., Trasca T.I.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 21(3)	2015	CABI
14.	Generalized model for the characterization of fortified pasta with high nutritional value	Rădoi P.B., Stoin D., Alexa E., Olteanu G., Iovan M., Trasca T.I.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 21(4)	2015	CABI
15.	PCA multivariate analysis for concentration in anions and cations of mineral water samples collected from the western, central and northern Romania	Hegheduș-Mîndru G., Hegheduș-Mîndru R.C., Ștef D.S., Trașcă T.I. , Rusnac L.M.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 21(1)	2015	CABI
16.	The assessment of quality characteristics of some kind salami Victoria from Banat Market	Ștef D.S., Siminic I., Trașcă T.I. , Riviș A., Ștef L., Hegheduș-Mîndru R.C., Cazacu M.	5th International Conference "Research People and Actual Tasks on Multidisciplinary Sciences" 24 – 28 June (2), Lozenec, Bulgaria, ISSN 1313 – 7735	2015	CABI
17.	Rheological behavior of some berry milk-based beverages with enhanced functionality	Dogaru D.V., Poiana M.A., Mateescu C., Moigradean D., Stoin D., Trasca T. , Costescu C.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 20(4)	2014	CABI
18.	Synthesis and preliminary characterization of a new hexadentate sequestrant in the ethylenediaminetetrapropionic acid class	Cazacu M., Trasca T. , Riviș A., Costescu C.I., Ștef D., Jianu C.	Scientific papers: Animal science and biotechnologies, 47(2)	2014	CABI
19.	Maleic and sulfosuccinic saturated aliphatic (C ₁₈) monoesters with heterogeneous polyoxyethylene (n=8) chains – potential agroalimentary pellicular protection systems	Cazacu M., Trasca T. , Riviș A., Cocan I., Jianu C., Costescu C.I.	Scientific papers: Animal science and biotechnologies, 47(2)	2014	CABI
20.	Colloidal characteristics in gradual binary associated systems of new „homogeneous” polyoxyethylene structured lipids	Jianu C., Trasca T. , Riviș A., Jianu C., Costescu C.I., Cazacu M.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 20(4)	2014	CABI
21.	Controlled of colloidal parameters through gradual ternary association of new “homogeneous” nonionic structured lipids	Jianu C., Riviș A., Trasca T. , Jianu A., Bujanca G.	Journal Agroalimentary Processes and Technologies, eISSN 2068-9551, 20(4)	2014	CABI
22.	The antioxidant effect of Melissa officinalis extract regarding the sunflower oil used in food thermal applications	Buta N., Popa N., Roman L., Bordea G., Bordea A., Bordea N., Poiana M.A., Trasca T.I.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 19(2)	2013	CABI
23.	Assessment the influence of maturation and aging on red wine color and their antioxidant	Roman L.A., Poiana M.A., Dogaru D.V., Trasca T.I.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 19(4)	2013	CABI

Nr. crt.	Titlul articolului	Nume, prenume autor(i) articol	Revista (ISSN, nr. volum)	Anul publicării	Baza de date
	properties				
24.	Studies regarding the impact of aging time on color of red wine Merlot obtained in Recas vineyard	Roman L.A., Poiana M.A., Dogaru D.V., Trașcă T.I.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 19(3)	2013	CABI
25.	Antioxidant capacity of Salvia Officinalis extract regarding the sunflower oil used in food thermal applications	Buta N., Popa N., Bordea N., Poiana M., Trașcă T.	Proceeding of the Fourth International Conference RESEARCH PEOPLE AND ACTUAL TASKS ON MULTIDISCIPLINARY SCIENCES, Lozenec, Bulgaria, 12-16 June 2013, vol. 2 (Agriculture and Veterinary Medicine, Technical Sciences, Processing & Post Harvest, Technology and Logistics, Power and machinery), 246-250, ISSN 1313-7735	2013	CABI
26.	Determination of some anions concentration in mineral waters from north region of Romania, by high performance ion chromatography (HPIC)	Hegheduș Mîndru R.C., Hegheduș-Mîndru G., Negrea P., Șumălan R.L., Trașcă T.I. , Riviș A., Ștef S.D., Rusnac L.M.	4 rd International Conference, "Research People and Actual Tasks on Multidisciplinary Sciences", Lozenec, Bulgaria 16 June Vol 2, Lozenec, Bulgaria, ISSN 1313 – 7735	2013	CABI
27.	Determination of some anions concentration in mineral waters from west region of Romania, by high performance ion chromatography (HPIC)	Hegheduș-Mîndru G., Hegheduș-Mîndru R.C., Negrea P., Șumălan R.L., Trașcă T.I. , Riviș A., Ștef D.S., Rusnac L.M.,	4 rd International Conference, "Research People and Actual Tasks on Multidisciplinary Sciences", Lozenec, Bulgaria, 12-16 June (2), 56-61, Lozenec, Bulgaria, ISSN 1313-7735	2013	CABI
28.	Determination of some anions concentration in mineral waters from centre region of Romania, by high performance ion chromatography (HPIC)	Hegheduș-Mîndru G., Hegheduș-Mîndru R.C., Negrea P., Șumălan R.L., Trașcă T.I. , Riviș A., Ștef D.S., Rusnac L.M.	4 rd International Conference, "Research People and Actual Tasks on Multidisciplinary Sciences", Lozenec, Bulgaria, 12– 16 June, (2), 62-66, Lozenec, Bulgaria, ISSN 1313 – 7735	2013	CABI
29.	The comparisons about macro elements content in vegetables collected from the Gotlob locality of Timis county	Hegheduș-Mîndru G., Hegheduș-Mîndru R.C., Negrea P., Șumălan R.L., Trașcă T.I. , Negrea A., Riviș A., Ștef D.S.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 19(2),	2013	CABI
30.	The comparisons about macro elements content in fruits collected from the Gotlob locality of Timis county	Hegheduș-Mîndru G., Hegheduș-Mîndru R.C., Negrea P., Șumălan R.L., Trașcă T.I. , Negrea A., Riviș A., Ștef D.S.	Journal of Agroalimentary Processes and Technologies, eISSN 2068-9551, 19(3)	2013	CABI
31.	The assesement of antioxidant capacity of medicinal herbs in low pH conditions,	Ștef D.S., Gergen I., Trașcă T.I. , Riviș A., Ștef L., Hegheduș Mîndru R.C.	4 rd International Conference „Research People and Actual Tasks on Multidisciplinary Sciences”, Lozenec, Bulgaria 12 - 16 June, (2), 11-15, Lozenec, Bulgaria, ISSN 1313 – 7735	2013	CABI

D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate) (2013-2022)

- Reviste

Nr. crt.	Titlul articolului	Nume, prenume autor(i) articol	Revista (nr. volum, pag.)	Anul publicării
1.				

- Selecție cu maximum 20 lucrări în volume de conferințe

Nr. crt.	Titlul articolului	Nume, prenume autor(i) articol	Conferința (nr. volum, pag.)	Anul publicării
1.	Chemical composition of some flour mixtures with high nutritional value,	Stoin D., Poiana M.A., Moigradean D., Cozma A., Jianu C., Trasca T. , Ravis A	Proceedings of the 24th International Symposium on Analytical and Environmental Problems, ISBN 978-963-306-623-2, 410-414, http://www2.sci.uszeged.hu/isaep/index_htm_files/Proceedings_of_ISAEP_2018.pdf	2018
2.	Chemical composition of some flour mixtures with high nutritional value	Stoin D., Poiana M.A., Mogradean D., Cozma A., Jianu C., Trasca T. , Ravis A.	24th International Symposium on Analytical and Environmental Problems, Szeged, Hungary October 8-9, 2018, ISBN 978-963-306-623-2, 410-414, http://www2.sci.uszeged.hu/isaep/index_htProceedings_of_ISAEP_2018.pdfm_files/	2018
3.	Chemical composition evaluation of some flour mixtures with high nutritional value	Stoin D., Jianu C., Velcirov A.B., Negrea M., Pintilie S., Cozma A., Trașcă T.	Proceedings of the 23 th Symposium on Analytical and Environmental Problems“, Szeged, 2017, ISBN 978-963-306-563-1, 323-327, http://www2.sci.uszeged.hu/isaep/archives.htm	2017
4.	Nutritional values of pseudocereals flour mixtures used in gluten free sweet bakery products	Iovan L.M., Trasca T.I. , Stoin D., Radoi B.	The second international symposium for Agricultural and food, Ohrid, Macedonia, Journal of Agricultural, Food and Environmental Sciences, 67, 40-45	2016
5.	Psycho-chemical properties of natural rapeseed, acacia, mana, sunflower and polyfloral honey, used in enhancing corn-flakes nutritional values	Popa N., Buta N., Roman L., Radoi B., Negrea M., Stoin D., Trasca T.I.	Research people and actual tasks on multidisciplinary sciences, Lozenec, Bulgaria, ISSN 1313-7735, vol. 1, http://conf.bionetsyst.com/?page=papers	2013
6.	<u>Evaluation of the antioxidant effect of thymus vulgaris extract concerning the rapeseed oil used in food thermal applications</u>	Buta N.I. , Poiana M.A., Popa N.F., Bordea A., Trasca T.I.	European Biotechnology Congress, 16-18 May 2013, Bratislava, Slovakia, published in http://www.deepdyve.com/browse/journals/current-opinion-in-biotechnology?numPerPage=50&page=3-0958-1669 Current Opinion in <u>Biotechnology</u> , 24 (Supplement	2013
7.	Evaluation of the antioxidant	Buta N.I., Trasca T.I. , Poiana	International Scientific Conference “Science for rural areas”, XII. Wellman International Scientific Conference, Review on Agriculture and Rural Development. 25 th April 2013, Szeged, publicat în Scientific Journal of University of Szeged,	2013

Nr. crt.	Titlul articolului	Nume, prenume autor(i) articol	Conferința (nr. volum, pag.)	Anul publicării
	effect of Thymus vulgaris extract sunflower oil used in food thermal applications	M.A., Popa N.F.	Faculty of Agriculture, 2(1), 181-184, CD issue, ISSN 2063-4803, http://wellmann.mgk.u-szeged.hu/DOCS/Programfuzet.pdf	

E. Brevete obținute în întreaga activitate

1. Popovici V., **Trașcă T.I.**, *Matrițe cu miezuri din safire sintetice, pentru extrudarea pastelor făinoase*, Brevet OSIM nr. 120028 B1 / 2005 clasa A 21 C 3/04
2. Marca: **TPA DIET COZOHIPOGLUC**, Certificat de înregistrare la OSIM nr. 112402, Nr. depozit M 2010 05685, C1:30: Produs de patiserie (*cozonac hipoglicemic cu jeleu de fructe destinat persoanelor cu diabet, cu excepția celor de uz medical*). *Titulari marcă:* Alexa Ersilia Călina, **Trașcă Teodor Ioan**, Poiană Mariana-Atena, Pop Georgeta, Stoin Daniela, Negrea Monica, Cocan Ileana
3. Marca: **TPA DIET Fe NUTRIPREMIX**, Certificat de înregistrare la OSIM nr. 112403, Nr. Depozit M 2010 05686, C1:30: Griș (*Premix nutritiv, îmbogățit în fier, pe bază de griș de grâu, linte și caise*). *Titulari marcă:* Alexa Ersilia Călina, **Trașcă Teodor Ioan**, Poiană Mariana-Atena, Pop Georgeta, Stoin Daniela, Negrea Monica, Cocan Ileana
4. Marca: **TPA DIET HIPOGLUCIDICBISC**, Certificat de înregistrare la OSIM nr. 112438, Nr. depozit M 2010 05684, C1:30: Biscuiți (*biscuiți hipoglicidici cu năut destinați persoanelor cu diabet, cu excepția celor de uz medical*). *Titulari marcă:* Alexa Ersilia Călina, **Trașcă Teodor Ioan**, Poiană Mariana-Atena, Pop Georgeta, Stoin Daniela, Negrea Monica, Cocan Ileana

Data:

16.11.2022

Semnătura: