




**INFORMAȚII
PERSONALE**

Peter Anca



[Toate câmpurile CV-ului sunt opționale. Ștergeți câmpurile goale.]

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Feminin | Data nașterii 28/01/1979 | Naționalitatea Romana

**EXPERIENȚA
PROFESIONALĂ**

[Descrieți separat fiecare loc de muncă. Începeți cu cel mai recent.]

Scrieți datele (de la - până - Iulie 2015 – prezent - conferențiar Departamentul de Chimie și Biologie, la) Universitatea Tehnică din Cluj Napoca, Centrul Universitar Nord din Baia Mare, Facultatea de Științe

- Febr. 2008 – Iulie 2015 - șef lucrări în cadrul Departamentului de Chimie și Biologie, Universitatea Tehnică din Cluj Napoca, Centrul Universitar Nord din Baia Mare, Facultatea de Științe

- Febr. 2005 – Febr. 2008 - asistent în cadrul Departamentului de Chimie și Biologie, Universitatea Tehnică din Cluj Napoca, Centrul Universitar Nord din Baia Mare, Facultatea de Științe

- Febr. 2002 – Febr. 2005 – preparator Departamentul de Chimie și Biologie, Universitatea Tehnică din Cluj Napoca, Centrul Universitar Nord din Baia Mare, Facultatea de Științe

- Sept. 2001- Febr. 2002 - profesor de chimie Colegiul Național "Vasile Lucaciu" Baia Mare, Maramureș, Romania

Principalele activități și Activități de predare și de cercetare științifică
responsabilități

Numele și adresa angajatorului Universitatea Tehnică din Cluj Napoca Centrul Universitar Nord din Baia Mare, Facultatea de Științe, Victor Babes 62, 430092, Baia Mare, Romania

Tipul de activitate Educație și cercetare

**EDUCAȚIE ȘI
FORMARE**

[Adăugați câmpuri separate pentru fiecare etapă de formare. Începeți cu cea mai recent.]

Scrieți datele (de la - până la)

1997-2001 – diploma de licență, specializarea Biologie - Chimie, Facultatea de Științe și Litere, Universitatea de Nord din Baia Mare

- 2001-2002 - diploma de master în Electrochimie aplicată, Facultatea de Chimie și Inginerie Chimică, Departamentul de Chimie fizică, Universitatea Babeș-Bolyai, Cluj-Napoca

- 2002-2009 – diploma de doctor în domeniul Chimie, Facultatea de Chimie și Inginerie Chimică, Departamentul de Chimie fizică, Universitatea Babeș-Bolyai, Cluj-Napoca

- martie 2018 - obținere atestat de abilitare în domeniul Ingineria Produselor Alimentare în cadrul Univ. Dunărea de Jos Galați

COMPETENȚE PERSONALE

Limba(i) maternă(e)	Romana
Competențe de comunicare	▪ bune competențe de comunicare dobândite prin experiența proprie de profesor
Competențe organizaționale/manageriale	▪ experiența managerială ca urmare a coordonării de proiecte de cercetare
Competențe dobândite la locul de muncă	▪ Comunicare, seriozitate, punctualitate, flexibilitate și adaptabilitate
Competențe informatice	▪ Microsoft programe: word, excel, power point, în alte programe: Origin, Statistica, Kekule for chemical formulas, Curve expert, internet
Competențe Tehnice	▪ În utilizarea echipamentelor de analiză a materialelor: analizor de suprafață, spectrofotometru de absorbție atomică și moleculară, spectrofotometru FTIR și UV, Analizor de Carbon, etc...
Permis de conducere	▪ B

25.04.2021

Conf. dr. Peter Anca



LISTA LUCRARI STIINTIFICE

A. Activitatea didactica si profesionala

A1. Carti si indrumare de laborator (10 CARTI SI INDRUMARE)

Nr.	Autori	Titlu	Editura
1	Anca Peter	Bio-si Nanomateriale cu aplicabilitate in medicina	Ed. U.T.Press Cluj Napoca, 2022 ISBN 978-606-737-566-4, 200 pagini
2	A. Peter, A. Mihaly Cozmuța	TENDINȚE MODERNE ÎN AMBALAREA PRODUSELOR ALIMENTARE: ASPECTE TEORETICE ȘI PRACTICE	Ed. U.T.Press Cluj Napoca, 2020, ISBN 978-606-737-474-2, nr. pagini 565.
3	Anca Peter	Principii și metode clasice și moderne de conservare a alimentelor	Editura U.T.Press Cluj Napoca, ISBN 978-606-737-220-5, 127 p, 2017
4	Camelia Nicula, Anca Peter	400 de itemi grila pentru biochimie	Editura Risoprint Cluj Napoca, ISBN: 978-973-53-1449-1, 71p., 2014
5	Anca Peter, Camelia Nicula	Chimia compusilor cu functiuni multiple prezenti in alimente	Editura Risoprint Cluj Napoca, ISBN: 978-973-53-0530-7, 201 p, 2011
6	Anca Peter, Camelia Nicula, Adriana Ambrus	Chimia alimentelor - caiet de laborator pentru studenti	Editura Risoprint Cluj Napoca, ISBN: 978-973-53-0507-9, 83 p., 2011
7	Anca Peter, Virginia Danciu	Aerogeluri pe baza de TiO ₂ cu aplicatii la depoluarea mediului	Editura Risoprint, Cluj-Napoca, ISBN: 978-973-53-0353-2, 158 p, 2010
8	Adriana Ambruș, Anca Peter, Claudia Drinkal	Lucrări practice de chimie organică	Editura Risoprint, Cluj Napoca, ISBN: 973-656-517-3, 104 p., 2004
9	Camelia Varga, Anca Peter, Adriana Ambruș, Ioana Dunca	Lucrări practice de biochimie, partea a II-a	Editura Risoprint, Cluj Napoca, ISBN: 973-656-594-3, 116 p, 2004
10	Camelia Varga, Anca Peter, Adriana Ambruș, Ioana Dunca,	Lucrări practice de biochimie, partea I	Editura Risoprint, Cluj Napoca, ISBN: 973-656-503-3, 94 p, 2003
11	G. Oprea, A.Peter, C. Varga, I. Dunca, C. Mihali	Indrumator pentru lucrari practice de chimie fizica si coloidala	Ed. Risoprint, Cluj Napoca, ISBN: 973-751-384-3, 159 p., 2006

A2. Manuale, suport de curs in format electronic

Nr.	Suport de curs pentru disciplinele:
1	Chimia alimentelor (http://chimie-biologie.ubm.ro/peter_anca.html)
2	Chimie analitica cantitativa (http://chimie-biologie.ubm.ro/peter_anca.html)
3	Nanotehnologii (http://chimie-biologie.ubm.ro/peter_anca.html)
4	Principii si metode de conservare a produselor alimentare (http://chimie-biologie.ubm.ro/peter_anca.html)

B. Activitatea de cercetare

B1. Articole publicate in reviste cotate ISI Thomson Reuters si in ISI proceedings (44 ARTICOLE ISI)

Nr	Autori	Titlu	FI
49	A. Peter, L. Mihaly Cozmuta, C. Nicula, A. Mihaly Cozmuta, CM Talasman, G. Drazic, A. Peñas, AJ Calahorro, G.Sagratini, S Silvi	Chemical and organoleptic changes of curd cheese stored in new and reused active packaging systems made of Ag-graphene-TiO ₂ -PLA, Food Chemistry, 2021, 363, 130341	6,306 32,224
48	A. Mihaly Cozmuta, A. Jastrzębska , R. Apjok , M. Petrus, L. Mihaly Cozmuta, A. Peter, C. Nicula	Immobilization of baker's yeast in the alginate-based hydrogels to impart sensorial characteristics to frozen dough bread, Food Bioscience Available online 31 May 2021, 101143	3,067 13,762
47	A Peter, L Mihaly Cozmuta, C Nicula, A Mihaly Cozmuta, R Apjok, CM Talasman, G Drazic, A Penas, AJ Calahorro, F Kamgang Nzekoue, X Huang, G Sagratini, S Silvi	Morpho-structural and chemical characterization of paper based materials with functionalized surface, Materials Chemistry and Physics 267 (2021) 124693	3,408 15,870
46	A. Peter , L. Mihaly Cozmuta, C. Nicula, A. Mihaly Cozmuta, C.M. Talasman, G. Drazic, M. Bele, A. Vizintin, E. Tchernychova, A. Peñas, A.J. Calahorro, G. Sagratini, S. Silvi	Modifying the silver-titania nanocomposites with carbonaceous materials to remove the pollutants from domestic waste water, Journal of Nanoscience and Nanotechnology, 21(4), 2278–2291 (2021) - gri	1,354 9,550
45	Huang X., Nzekoue F.K., Coman M.M., Peter A. , Talasman C.M., Drazic G., Penas A., Verdenelli M.C., Sagratini G., Silvi S.	Antimicrobial Activity of Cell-free Supernatant of <i>Lactobacillus Plantarum IMC 509</i> Against Common Food Spoilage Microbes, JOURNAL OF CLINICAL GASTROENTEROLOGY, 54, S23-S23, 2020	2,973 9,446
44	A. Peter, L. Mihaly Cozmuta, C. Nicula, A. Mihaly Cozmuta, A. Vulpoi, L. Barbu-Tudoran, K. Magyari, M. Todea, L. Baia, F.G Pop	Multi-analyses of gallstones and correlation between their properties with the laboratory results, Analytical Biochemistry, 593, 2020, 113587	2,507 17,028
43	A. Mihaly Cozmuta , A. Peter , L. Mihaly Cozmuta, C. Nicula, R. Apjok, G. Drazic, F. Kamgang Nzekoue, X. Huang, S. Silvi, G. Sagratini, A. Peñas, A. J. Calahorro, M. Cano - Galey, O. Hodek	Impact of packaging properties on the physical-chemical-microbiological-sensory characteristics of Ricotta cheese during storage, Packaging Technology and Science, 33 (1), 27-37, 2020.	1,881 5,187
42	R. Apjok, A. Mihaly Cozmuta, A. Peter , L. Mihaly Cozmuta, C. Nicula, M. Baia, A. Vulpoi	Active packaging based on cellulose-chitosan-Ag/TiO ₂ nanocomposite for storage of clarified butter Cellulose (2019) 26(3) 1923-1946.	3,809

41	A. Peter, A. Mihaly-Cozmuta, C. Nicula, L. Mihaly-Cozmuta, A. Vulpoi, L. Baia	Fabric impregnated with TiO ₂ gel with self-cleaning property, Int. J. Applied Ceram. Technol. 2019, 16(2), 666-681.	1,165
40	T. Wojciechowski, A. Rozmysłowska-Wojciechowska, G. Matyszczak, M. Wrzecionek, A. Olszyna, A. Peter, A. Mihaly-Cozmuta, C. Nicula, L. Mihaly-Cozmuta, S. Podsiadło, D. Basiak, W. Ziemkowska, A. Jastrzębska	Ti2C MXene Modified with Ceramic Oxide and Noble Metal Nanoparticles: Synthesis, Morphostructural Properties, and High Photocatalytic Activity, Inorganic Chemistry, 2019, 58(11), 7602–7614.	4,700
39	A. Peter, C. Nicula, L. Mihaly-Cozmuta, A. Mihaly-Cozmuta	New active package based on titania coated on cardboard for storage of fresh prepared orange juice. J Food Process Eng. 2019, 42(2), Article Number: e12965	1,955
38	A. Mihaly Cozmuta, A. Peter, C. Nicula, L.Mihaly Cozmuta,	Impact of algae addition on bread properties and consumers behavior-preliminary research, Carpathian Journal of Food Science and Technology, 11(1)121-125, 2019	0
37	A. Peter, C. Nicula, L. Mihaly Cozmuta, A. Mihaly Cozmuta	An efficient and innovative method to preserve the harvested plums during storage, Journal of Food Processing and Preservation, 42(1) 2018, 1-10. DOI: 10.1111/jfpp.13398	0,791
36	A. Mihaly Cozmuta, R. Apjok, A. Peter, L. Mihaly Cozmuta, C. Nicula, M. Baia, A. Vulpoi	Active papers coated with chitosan and containing TiO ₂ and Ag/TiO ₂ nanoparticles for increasing the shelf-life of walnut kernels, Cellulose (2018). 25(9), 5205-5225.	3,809
35	A. Peter, A. Mihaly-Cozmuta, C. Nicula, L. Mihaly-Cozmuta	Assessment of TiO ₂ photoactivity on the lead removal: kinetic and mechanistic processing, Water Science and technology, DOI: 10.2166/wst.2017.133, (2017) 75 (11): 2508-2519.	1,064
34	Peter A., Mihaly-Cozmuta A., Nicula Camelia, Mihaly-Cozmuta L., Jastrzebska A., Olszyna A., Baia L.	UV Light-Assisted Degradation of Methyl Orange, Methylene Blue, Phenol, Salicylic Acid, and Rhodamine B: Photolysis Versus Photocatalysis, Water Air Soil Pollut (2017) 228(1), article number:41. doi:10.1007/s11270-016-3226-z	1,551
33	A. Mihaly-Cozmuta, A. Peter, G. Craciun, A. Falup, L. Mihaly-Cozmuta, C. Nicula, A. Vulpoi, M. Baia	Preparation and characterization of active cellulose-based papers modified with TiO ₂ , Ag and zeolite nanocomposites for bread packaging application, Cellulose (2017). doi:10.1007/s10570-017-1383-x, 24(9) 3911-3928	3,417
32	A. Mihaly Cozmuta, A. Peter, C. Nicula, L. Mihaly Cozmuta	Assessment of the effective antioxidant activity of edible films taking into account films–food simulants and films – environment interactions. Packaging Technology and Science 30 (1-2) (2017), 3–20	1,292
31	Peter A., Mihaly-Cozmuta A., Nicula C., Mihaly-Cozmuta L	Innovative packaging system for extending the shelf life of food during storage Article in brief, Carpathian Journal of Food Science and Technology, vol 9(4) 2017, 197.	0
30	A. Mihaly Cozmuta, L. Mihaly Cozmuta, A. Peter, C. Nicula, Z. Vosgan, L. Giurgiulescu, A. Vulpoi, M. Baia	Effect of monochromatic Far-Red light on physical-nutritional-microbiological attributes of red tomatoes during storage, Scientia Horticulturae 211 (2016) 220–230	1,538
29	A. Peter, L. Mihaly-Cozmuta, A. Mihaly-Cozmuta, C. Nicula, W. Ziemkowska, D. Basiak, V. Danciu, A. Vulpoi, L. Baia, A. Falup, G. Craciun, A. Ciric, M. Begea, C. Kiss, D.	Changes in the microbiological and chemical characteristics of white bread during storage in paper packages modified with Ag/TiO ₂ -SiO ₂ , Ag/N-TiO ₂ or Au/TiO ₂ , Food Chemistry 197 (2016) 790–798.	4,052

	Vatuiu		
28	A. Mihaly Cozmuta, A. Peter, L. Mihaly Cozmuta, C. Nicula, L. Crisan, L. Baia, A. Turila	Active packaging system based on Ag/TiO ₂ nanocomposite used for extending the shelf life of bread. Chemical and microbiological investigations, Packaging technology and science, 28, 271–284 (2015).	1,292
27	A. Mihaly Cozmuta, A. Turila, R. Apjok, A. Ciocian, L. Mihaly Cozmuta, A. Peter, C. Nicula, N. Galić, T. Benković	Preparation and Characterization of Improved Gelatin Films Incorporating Hemp and Sage Oils, Food Hydrocolloids, 49, 144-155 (2015).	3,858
26	I. Lázár, J. Kalmár, A. Peter, A. Szilágyi, E. Gyori, T. Ditrói, I. Fábrián	Photocatalytic performance of highly amorphous titania–silica aerogels with mesopores: The adverse effect of the in situ adsorption of some organic substrates during photodegradation, Applied Surface Science 356 (2015) 521–531	2,711
25	A. Peter, L. Mihaly-Cozmuta, A. Mihaly-Cozmuta, C. Nicula, C. Cadar, A. Jastrzębska, P. Kurtycz, A. Olszyna, A. Vulpoi, V. Danciu, T. Radu, L. Baia	Silver functionalized titania-silica xerogels: Preparation, morphostructural and photocatalytic properties, kinetic modeling, Journal of Alloys and Compounds 648 (2015) 890-902.	3,014
24	A. Peter, L. Mihaly-Cozmuta, A. Mihaly-Cozmuta, C. Nicula, A. Jastrzębska, P. Kurtycz, A. Olszyna	Morphology, structure, and photoactivity of two types of graphene oxide–TiO ₂ composites, Chemical Papers 69 (6) 839–855 (2015).	1,326
23	A. Peter, D. Tegla, L. Giurgiulescu, A. Mihaly Cozmuta, C. Nicula, L. Mihaly Cozmuta, I. Vagelas	(2015). Development of Ag/TiO ₂ -coated food packaging film and its role in preservation of green lettuce during storage. <i>Carpathian Journal of Food Science and Technology</i> , 7(4), 88-96.	0
22	A. Peter, L. Mihaly Cozmuta, A. Mihaly Cozmuta, C. Nicula, E. Indrea, L. Barbu - Tudoran	Testing the preserving activity of Ag-TiO ₂ -Fe and TiO ₂ composites included in the polyethylene during the orange juice storage, Journal of Food Process Engineering, 37(6), 596-608 (2014).	0,675
21	R. Apan, A. Mihaly Cozmuta, A. Peter, C. Nicula, L. Mihaly Cozmuta,	Nano food packages: from food preservation efficiency no consumer legal protection, Amfiteatru Economic, XVI(36), 397-415 (2014).	0,564
20	E.N.Bakatula, E.M. Cukrowska, I.M. Weiersbye, L. Mihaly-Cozmuta, A.Peter, H. Tutu,	Biosorption of trace elements from aqueous systems in gold mining sites by the filamentous green algae (<i>Oedogonium sp.</i>), Journal of Geochemical Exploration 144, 492–503 (2014).	1,952
19	A. Peter, L. Mihaly-Cozmuta, A. Mihaly-Cozmuta, C. Nicula, L. Barbu Tudoran, A. Vulpoi, L. Baia	Photocatalytic Efficiency of Zeolite-Based TiO ₂ Composites for Reduction of Cu (II): Kinetic Models, International Journal of Applied-Ceramic Technology, 11(3), 568-581 (2014).	1,153
18	A. Peter, L. Mihaly-Cozmuta, A. Mihaly-Cozmuta, C. Nicula, L. Barbu Tudoran, L. Baia	Efficiency of Cu/TiO ₂ to Remove Salicylic Acid by Photocatalytic Decomposition: kinetic modeling, Materials Technology, 29(3), 129–133 (2014).	1,227
17	L. Mihaly-Cozmuta, A. Mihaly-Cozmuta, A. Peter, C. Nicula, H. Tutu, D. Silipas, E. Indrea,	Adsorption of heavy metal cations by Na-clinoptilolite: Equilibrium and selectivity studies, Journal of Environmental Management 137, 69-80 (2014).	3,057
16	A. Peter, L. Mihaly-Cozmuta, A. Mihaly-Cozmuta, C. Nicula, E. Indrea, H. Tutu	Calcium and ammonium ion-modification of zeolit amendments affects the metal-uptake of <i>Hieracium piloselloides</i> on a dose-dependent way, Journal of Environmental Monitoring, 14, 2807-2814 (2012).	2,085

15	A. Peter, C. Nicula, A. Mihaly-Cozmuta, L. Mihaly-Cozmuta, E. Indrea	Chemical and sensory changes of different dairy products during storage in packages containing nanocrystallised TiO ₂ , International Journal of Food Science and Technology, 47(7), 1448-1456 (2012).	1,240
14	A. Mihaly Cozmuta, L. Bretan, L. Mihaly Cozmuta, C. Nicula, A. Peter	Lead traceability along soil-melliferous flora-bee family-apiary products chain, Journal of Environmental Monitoring, 14(6), 1622-1630 (2012).	2,085
13	M. Marian, A. Peter, L. Mihaly-Cozmuta, E. Bakatula	Increased survival chances of the species Quercus petraea in terms of pollution with Cd and Cu by using microbiota-bentonite systems, Carpathian Journal of Earth and Environmental Sciences, 7(1), 231 - 237 (2012).	1,495
12	L. Mihaly Cozmuta, A Mihaly Cozmuta, A Peter, C Nicula, E Bakatula Nsimba and H Tutu	The influence of pH on the adsorption of lead by Na-clinoptilolite: Kinetic and equilibrium studies, Water SA, 38(2), 269-278 (2012).	0,853
11	A Peter, E Indrea, A Mihaly-Cozmuta, L Mihaly-Cozmuta, C Nicula, H Tutu, E Bakatula,	Dual efficiency of nano-structured TiO ₂ /zeolyte systems in removal of copper (II) and lead (II) ions from aqueous solution under visible light, AIP Conference Proceedings, 1425, 139-143. (2012)	0
10	A. Peter, C. Nicula, A. Mihaly-Cozmuta, L. Mihaly-Cozmuta, E. Indrea, V. Danciu, H. Tutu, E. Bakatula Nsimba,	Efficiency of amendments based on zeolite and bentonite in reducing the accumulation of heavy metals in tomato organs (<i>Lycopersicon esculentum</i>) grown in polluted soils, African journal of agricultural research, 6(21), 5010-5023 (2011).	0,263
9	L. Baia, L. Diamandescu, L. Barbu-Tudoran, A. Peter, G. Melinte, V. Danciu, M. Baia	Efficient dual functionality of highly porous nanocomposites based on TiO ₂ and noble metal particles, Journal of Alloys and Compounds, 509, 2672-2678 (2011).	2,390
8	A. Peter, M. Marian, C. Nicula, L. Mihaly-Cozmuta, A. Mihaly-Cozmuta, E. Indrea,	The sorptive performance of microorganisms-zeolite systems to remove Cu ²⁺ , Zn ²⁺ , Cd ²⁺ , Fe ²⁺ and Pb ²⁺ , Revue Roumaine de Chimie, 56(9), 847-852 (2011).	0,418
7	A. Peter, L. Baia, M. Baia, E. Indrea, F. Toderas, V. Danciu, V. Cosoveanu, L. Diamandescu	Porous Au-TiO ₂ aerogels nanoarchitectures for photodegradation processes, Journal of Optoelectronics and Advanced Materials, 12 (5), 1071-1077 (2010).	0,412
6	C. Varga (Nicula), M. Marian, A. Peter, D. Boltea, L. Mihaly-Cozmuta, E. Nour	Strategies of heavy metal uptake by Phaseolus vulgaris seeds growing in metalliferous and non-metalliferous areas, Studia Universitatis Babeș-Bolyai, Chemia, LIV(3), 223-234 (2009).	0,136
5	A. Peter, M. Baia, F. Toderas, M. Lazar, L. Barbu-Tudoran, V. Danciu	Photo-catalysts based on gold-titania composites, Studia Universitatis Babeș-Bolyai, Chemia, LIV(3), 161-171 (2009).	0
4	Baia, L., Baia, M., Vasiliu, F., Diamandescu, L., Peter, A., Cosoveanu, V., Danciu, V.	TiO ₂ -Ag Porous Nanocomposites for Advanced Photocatalytic Processes CLEAN TECHNOLOGY 2008: BIO ENERGY, RENEWABLES, GREEN BUILDING, SMART GRID, STORAGE, AND WATER 683-686, 2008 NSTI NANOTECH 2008, VOL 1, TECHNICAL PROCEEDINGS 381-384, 2008	0
3	L. Baia, M. Baia, A. Peter, V. Cosoveanu, V. Danciu	Evaluating the thermal treatment parameters effect on the anatase nanocrystalites size of titania aerogels, J. Optoelectron. Adv. Mater. 9(3), 671-674 (2007).	0,412
2	A. Peter , I. C. Popescu , E. Indrea , P. Marginean and V. Danciu	The influence of the heat treatment on the photoactivity of the TiO ₂ -SiO ₂ aerogels, Studia Universitatis Babeș-Bolyai, CHEMIA, XII(3), 105-111 (2007).	0,012
1	L. Baia, A. Peter, V. Cosoveanu, E. Indrea, M. Baia, J. Popp, V. Danciu,	Synthesis and nanostructural characterization of TiO ₂ aerogel for photovoltaic devices, Thin Solid Films, 511-512, 512-516 (2006).	1,761

B2. Articole BDI (reviste indexate in alte baze de date internaționale) (27 ARTICOLE BDI)

1	A. Mihaly Cozmuta, A. Peter , C. Nicula, L.Mihaly Cozmuta, IMPACT OF ALGAE ADDITION ON BREAD PROPERTIES AND CONSUMERS BEHAVIOR-PRELIMINARY RESEARCH, CARPATHIAN JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, 11(1)121-125, 2019
2	Peter A. , Mihaly-Cozmuta A., Nicula C., Mihaly-Cozmuta L.Innovative packaging system for extending the shelf life of food during storage Article in brief, Carpathian Journal of Food Science and Technology, vol 9(4) 2017, 197.
3	A. Mihaly Cozmuta, L. Mihaly Cozmuta, A. Peter , C. Nicula, L. Crisan. (2016) The comparative effects of far-red light and UV-C light on some physical-chemical-microbiological attributes of the red bell peppers (<i>Capsicum annuum L</i>) during storage, Analele Universitatii din Craiova, Section: Horticulture and Food Products Processing Technology, vol XXI (LVII), 321-330.
4	Peter A. , Nicula C., Kovacs E., Mihaly-Cozmuta L., Mihaly-Cozmuta A. (2016) Influence of lactic acid addition on color and chemical properties of fresh prepared orange juice, Analele Universitatii din Craiova, Sections: Horticulture and Food Products Processing Technology, vol XXI (LVII), 349-354.
5	A. Mihaly Cozmuta, L. Mihaly Cozmuta, A. Peter , C. Nicula, L. Crisan, A. Vulpoi, M. Baia (2016). The influence of far-red light on attributes of green bell pepper fruits (<i>Capsicum annuum L.</i>) during storage. <i>The Annals of the University Dunarea de Jos of Galati, Fascicle VI – Food Technology</i> , 40(2), 98-118.
6	A. Mihaly Cozmuta, L. Mihaly Cozmuta, A. Peter , C. Nicula (2016). The comparative effect of Far-Red light and UV-C light on some physical-chemical attributes in red bell peppers (<i>Capsicum annuum L</i>) during storage. <i>Analele Universității din Oradea, Fascicula Biologie</i> , XXIII(2), 72-78.
7	F. D. Bora, A. Donici, C. Voica, T. Rusu, C. Cimpoi, C. Nicula, A. Peter , C.I. Bunea, N. Pop, D.E. Mihăiescu, 2016, Inductively coupled plasma-mass spectrometry (ICP-MS) characterization of some white wines from Dealu Bujorului Vineyard by their mineral content, <i>AAB Bioflux Advances in Agriculture & Botany</i> , 8(3), 156-175.
8	Florin D Bora, Leonard Mihaly-Cozmuta, Anca Mihaly-Cozmuta, Anca Peter , Camelia Nicula, Alina Donici, A study on cadmium, lead, zinc and cobalt concentration in Baia Mare County, NW Romania soils , 2015, <i>Advances in Agriculture & Botany</i> , 7(3) 227-240
9	Florin-Dumitru BORA, Tiberia Ioana POP, Claudiu-Ioan BUNEA, Anca PETER , Camelia NICULA, Delia Elena URCAN, Anca BABEȘ, Nastasia POP, Physico-Mechanical Analysis and Uvological Indices at Three Varieties of Grapes for Superior White Wines Grown in North-West Romania, Physico-Mechanical Analysis and Uvological Indices at Three Varieties of Grapes for Superior White Wines Grown in North-West, <i>Bulletin UASVM Horticulture</i> 71(2) / 2014.
10	A. Peter , D. Tegla, L. Giurgiulescu, A. Mihaly Cozmuta, C. Nicula, L. Mihaly Cozmuta, I. Vagelas (2015). Development of Ag/TiO ₂ -coated food packaging film and its role in preservation of green lettuce during storage. <i>Carpathian Journal of Food Science and Technology</i> , 7(4), 88-96.
11	Adela, But, Peter, Anca, THE PRESERVATIVE ACTIVITY OF CITRIC ACID COATED ON THE SUMMER SALAMI DURING STORAGE UNDER REFRIGERATION, CARPATHIAN JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, 6(1) 4-11, 2014
12	Bob, Ioana, Peter, Anca, THE INFLUENCE OF THE CITRIC ACID ON THE PHYSICAL-CHEMICAL AND ORGANOLEPTICAL CHARACTERISTICS OF THE YOGURT STORED IN THE REFRIGERATION CONDITIONS CARPATHIAN JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, 6(1) 116-119, 2014
13	A. Peter , A. Mihaly-Cozmuta, L. Mihaly-Cozmuta, C. Nicula (2013). Nanosensor based on TiO ₂ for detection of oxygen in damaged vacuum packages. <i>Carpathian Journal of Food Science and Technology</i> , 5(1-2), 9-12.
14	Nicula, Camelia, Peter, Anca, THE uPTAKE OF HEAVY METALS IN Phaseolus vulgaris AND Zea mays SEEDS HARVESTED FROM POLLUTED AND UNPOLLUTED AREAS, Mihaly-Cozmuta, Leonard, Anca Mihaly Cozmuta, CARPATHIAN JOURNAL OF FOOD SCIENCE AND TECHNOLOGY 5(1-2) 1-8 2013
15	C. Nicula, M. Sisestean, A. Mihaly-Cozmuta, A. Peter , L. Mihaly-Cozmuta (2013). Nitrate and nitrite content in various types of cucumbers and options to reduce it, <i>Carpathian Journal of Food Science and Technology</i> , 5(1-2), 36-44.
16	A. Mihaly Cozmuta, A. Conea, A. Peter , A. Mihaly-Cozmuta, L. Mihaly-Cozmuta, C. Nicula, (2013). Study the influence of work parameters on the leacheability of mineral elements into the coffee infusion, <i>Carpathian Journal of Food Science and Technology</i> 5(1-2), 23-35.
17	Zorica Vosgan, Monica Marian, Anca Peter, Camelia Nicula, Anca Mihaly-Cozmuta, Leonard Mihaly-Cozmuta, The QUALITATive AnD QUAnTITATive mIcRoBioTA STRUCtURe IDenTIFleD In The BoZAnTA mARe TAILInG Pond , <i>Studia Universitatis" Vasile Goldis" Arad. Seria Stiintele Vietii (Life Sciences Series)</i> , 2012, 22(1), 137-140
18	A. Peter , L. Roatis, C. Nicula, A. Mihaly-Cozmuta, L. Mihaly-Cozmuta (2012). Combined use of paper or LDPE and natural extracts from <i>Satureja hortensis</i> and <i>Allium sativum</i> for the preservation of the summer salame. <i>Carpathian Journal of Food Science and Technology</i> , 4(2), 18-27.
19	C. Nicula, D. Lungu, A. Peter , A. Mihaly-Cozmuta, L. Mihaly-Cozmuta (2012). Curd cheese stored in modified packaging with extract of garlic and thyme: variation of some physico-chemical parameters. <i>Carpathian Journal of Food Science and Technology</i> , 4(2), 1-8.
20	Monica Marian, Camelia Nicula, Anca Peter , Georgeta Matei, Codruta Spatar, Allelopathic potential of Asarum europaeum toward Lycopersicon esculentum , <i>Studia Universitatis" Vasile Goldis" Arad. Seria Stiintele Vietii (Life Sciences Series)</i> , 2011, 21(1), 59-62.

21	Anca MIHALY COZMUTA *, Leonard MIHALY COZMUTA, Camelia VARGA, Monica MARIAN and Anca PETER, Effect of thermal processing on quality of polyfloral honey, <i>Romanian Journal of Food Science</i> , 2011, 1(1): 45–52
22	A. Peter, L. Mihaly-Cozmuta, A. Mihaly-Cozmuta, C. Nicula (2011). Significance of the natural zeolite and modified with ammonium ions in reducing the uptake of lead, zinc, copper and iron ions in <i>Hieracium aurantium</i> and <i>Rumex acetosella</i> grown on tailing ponds, <i>Analele Universitatii din Oradea, Fascicula Biologie</i> , Tom. XVIII, Issue: 2, 128-135.
23	C. Nicula, A. Peter, L. Mihaly-Cozmuta, A. Mihaly-Cozmuta, E. Indrea, V. Danciu, (2011). The influence of the type and concentration of amendments on the growth dynamics of <i>Phaseolus vulgaris</i> L., <i>Analele Universitatii din Oradea, Fascicula Biologie</i> , Tom. XVIII, Issue: 2, 111-119
24	Monica Marian, Camelia Nicula, Leonard Mihaly-Cozmuta, Anca Peter, Anca Mihaly-Cozmuta, Participation of the indigenous vs. alien herbaceous species to the constitution of vegetal layer on the Bozânta Mare tailing ponds , <i>Analele Universitatii din Oradea-Fascicula Biologie</i> , XVII, 2010, 1, 134-141
25	C. Nicula, M. Marian, L. Mihaly Cozmuta, A. Peter, A. Mihaly Cozmuta (2010). Adaptive mechanisms of <i>Phaseolus vulgaris</i> and <i>Zea mays</i> seeds grown in agrocenosis prone to pollution with heavy metals. <i>Analele Universitatii din Oradea, Fascicula Biologie</i> , XVII/1, 152-157.
26	A. Peter, D. Bregnya, L. Mihaly-Cozmuta, A. Mihaly Cozmuta, C. Nicula (2010). Use of TiO ₂ photocatalyst as alternative means for the cottage cheese preservation. <i>Carpathian Journal of Food Science and Technology</i> , 2(2), 50-58.
27	M Marian, Camelia Varga, Leonard Mihaly-Cozmuta, Anca Peter, Anca Mihaly-Cozmuta, Delia Boltea, Evaluation of the Phytoremediation Potential of the Populus tremula in Tailing Ponds , 2009, Bulletin UASVM Agriculture, 66(2), 124-131

B3. Lucrari prezentate la conferinte internationale (20 LUCRARI)

1) Sagratini, G., F. Kamgang Nzekoue, X. Huang, A. Peter, L. Mihaly Cozmuta, C. Nicula, A. Mihaly Cozmuta, R. Apjok, C. M. Talasman, G. Drazic, A. Peñas, A. J. Calahorra, M. M. Coman, M. C. Verdenelli, G. Caprioli, S. Vittori, S. Silvi. (2019) GRAFOOD: Active GRaphene based FOOD packaging system for a modern society. **Oral communication at XX EuroFoodChem Conference**, 17-19/06/2019, Porto, Portugal.

2) Huang X., Kamgang Nzekoue F., Coman MM., Peter A., Talasman CM., Drazic G., Peñas A., Verdenelli MC., Sagratini G., Silvi S. (2019). PROBIOTICS AS ACTIVE AGENTS IN PAPER BASED WRAPPING SYSTEM FOR INCREASING THE SHELF-LIFE OF RAW MEAT. **Poster at IPC 2019 - International scientific conference. PROBIOTICS, PREBIOTICS GUT MICROBIOTA AND HEALTH**, 17-20/06/2019, Prague, Czech Republic.

3) Huang X., Kamgang Nzekoue F., Coman MM., Peter A., Talasman CM., Drazic G., Peñas A., Verdenelli MC., Sagratini G., Silvi S. (2019). Characterization of probiotics as active agent in PLA packaging for counteracting spoilage in ricotta cheese. **Poster at Cibo e nutraceutici: parola chiave "CARATTERIZZAZIONE"**. 4° Convegno a cura delle Piattaforme Tematiche di Ateneo, 09/07/2019, Camerino, Italy.

4) Huang X., Kamgang Nzekoue F., Coman MM., Peter A., Talasman CM., Drazic G., Peñas A., Verdenelli MC., Sagratini G., Silvi S. (2019) ANTIMICROBIAL ACTIVITY OF CELL-FREE SUPERNATANT OF *LACTOBACILLUS PLANTARUM* IMC 509 AGAINST COMMON FOOD SPOILAGE MICROBES. **Poster at 10TH PROBIOTICS, PREBIOTICS & NEW FOODS, NUTRACEUTICALS AND BOTANICALS FOR NUTRITION & HUMAN AND MICROBIOTA HEALTH**, 08-10/09/2019, UNIVERSITÀ URBANIANA, Roma, Italy

5) Silvi, S., Verdenelli, MC., Peter, A., Sagratini, G. (2018). EU project GRAFOOD: Active GRaphene based FOOD packaging systems for a modern society. **Oral presentation at Cibo e nutraceutici: direzione salute**. 3° Convegno a cura delle Piattaforme Tematiche di Ateneo. 10/07/2018, Camerino, Italy.

6) Anca Peter, Anca Mihaly Cozmuta, Leonard Mihaly Cozmuta, Camelia Nicula, Preparation, Characterization and Applications of Nanomaterials based on Titania in Food Packaging, L4, 28 iunie -6 iulie 2014, pag. 9, 14th International Symposium and Summer School on Bioanalysis, Book of Abstracts, Smolenice, Bratislava, Slovacia, <http://www.analytika.sk/summerschool2014/book.html>

7) Anca Mihaly Cozmuta, Anca Peter, Leonard Mihaly Cozmuta, Camelia Nicula, Calin Cadar, *Active packaging system based on Ag/TiO₂ nano-composite applied in preserving the wheat bread during storage. I. Changes in physical parameters*, The 4th International Conference on Food Chemistry, Engineering & Technology, May 30 – 31, 2013, Timișoara- Romania, pag. 34.

8) Calin Cadar, Anca Mihaly-Cozmuta, Anca Peter, Camelia Nicula, Leonard Mihaly-Cozmuta, Marius Metenti, Ag/TiO₂ based on nanomaterials used in food preservation, 13-th International Symposium and Summer School on Bioanalysis, P3 - Debrecen, Hungary

9) A. Peter, E. Indrea, L. Baia, V. Cosoveanu, V. Danciu, Photocatalytic activity of the TiO₂ based aerogels: TiO₂-SiO₂ versus noble metal-TiO₂ composites, 9th International Symposium of the Romanian Catalysis Society RomCat 2010, Book of Abstracts, p. 97-98, June 23-26 Iasi, Romania,

10) Anca Peter, Monica Marian, Statistical aspects concerning allelopathic effect between different species of plants, 7th International Conference on Applied Mathematics, ICAM 2010, 1-4 september, Baia Mare, Romania, Book of Abstracts, p. 77. oral presentation.

11) A. Peter, L. Baia, V. Cosoveanu, M. Baia, D. Constantin, E. Indrea, I. C. Popescu and V. Danciu, Influence of Si Content and Thermal Treatment Temperature on Structural and Photocatalytic Properties of Titania-Silica Aerogels, *J. of Optoelectronics and Adv. Mat.- Symposia*, 1(1), 2009, 6.

12) Emil Indrea, **Anca Peter**, Danut T. Silipas, Simina Dreve, Ramona-Crina Suciuc, Marcela Corina Rosu, Virginia Danciu, Veronica Cosoveanu, Structural characterisation of binary SiO₂:TiO₂ nanoparticle aerogels by X-ray scattering, *J. of Physics: Conference Series* 182, 2009, 012066, 1-4, <http://www.iop.org/EJ/journal/conf> - Suceava, Romania.

13) A. **Peter**, L. Baia, V. Cosoveanu, M. Baia, D. Constantin, E. Indrea, I. C. Popescu, V. Danciu, Influence of Si Content and Thermal Treatment Temperature on Structural and Photocatalytic Properties of Titania-Silica Aerogels, *The 5th Conference on Condensed Matter Physics*, July, 16-18, 2008, Timisoara, Romania, P1-P35, 54.

14) A. **Peter**, L. Baia., F. Vasiliu, L. Diamandescu, M. Baia, V. Cosoveanu, I.C. Popescu. M. Feder, V. Danciu, *Synthesis, Morpho-Structural and Photocatalytic Analysis of TiO₂ Aerogel-Au Colloidal Particle Composites*, The 5th Conference „New Research trends in material science”, ARM-5, proceeding, vol. III, sept. 5-7, Sibiu, Romania, 2007, p.799.

15) **Peter Anca**, Coșoveanu Veronica, Mărginean Petre, Moldovan Zaharie, Indrea Emil, Danciu Virginia, *Environmental Applications of TiO₂ Aerogels*, Sustainability for Humanity & Environment in The Extended Connection Field Science-Economy-Policy, vol.1, Editura Politehnică, Timișoara, 2005, p. 91-94.

16) Baia Lucian, **Peter Anca**, Coșoveanu Veronica, Indrea Emil, Baia Monica, Popp Jurgen, Danciu Virginia, *Synthesis and nanostructural characterization of TiO₂ aerogel for photovoltaic devices*, Thin Films and Nanostructure Materials for Photovoltaics, Strasbourg, 2005, p. 57-62.

17) Danciu Virginia, Trandafir Viorica, Baia Lucian, Coșoveanu Veronica, **Peter Anca**, Baia Monica, Indrea Emil, *Synthesis and Characterization of Novel Titania,Silica, Collagen Aerogels Based Composites for Biomedical Applications*, Euromat '05, Praga, 2005, p. 87.

18) Baia Lucian, Trandafir Viorica, **Peter Anca**, Coșoveanu Veronica, Baia Monica, Indrea Emil, Danciu Virginia, *Synthesis, morphological and structural characterization of new collagen biocomposites for medical applications*, 11-th European Conference on Application of Surface and Interface Analysis, Viena, 2005, p.192.

19) Baia Lucian, **Peter Anca**, Coșoveanu Veronica, Baia Monica, Indrea Emil, Danciu Virginia, *Structural and morphological properties of dye sensitized TiO₂ aerogel thin films obtained by sol-gel synthesis followed by supercritical drying*, 11-th European Conference on Application of Surface and Interface Analysis, Viena, 2005, 193.

20) A. **Peter**, V. Danciu, V. Cosoveanu, Z. Moldovan, E.Indrea, G.Nutiu, L. Baia, I. Rosu, *TiO₂ Aerogel-Mediated Heterogeneous Photocatalysis for Wastewater Decontamination*, Volumul Conferintei INNOVATIONS IN THE FIELD OF WATER SUPPLY, SANITATION AND WATER QUALITY MANAGEMENT, Bucuresti, Romania, 2005, p.103-112.

B4. Brevete de inventie (5 BREVETE)

B4.1. Internationale

1	European patent: Peter A., Mihaly Cozmuta A, Mihaly Cozmuta L, Nicula C, Talasman C, Caprita F, Constantin C, Dumitrascu I, Drazic G, Bele M, Chernyshova E., Silvi S, Sagratini G, Huang X, Kamgang F, Verdenelli C, Orpianesi C, Coman M, Penas A, Calahorro A, Cano Galey M, Ramirez Rodriguez M, PROCESS FOR OBTAINING ACTIVE PACKAGES BASED ON POLYLACTIC ACID MODIFIED WITH NANO-COMPOSITE, patent request submitted to EPO, EP application number EP20020299.2, from 25 June 2020. - sub evaluare
2	A. Peter , C. Nicula, A. Mihaly Cozmuta, L. Mihaly Cozmuta and other 23 inventors, <i>Process for obtaining nanocomposite food packages</i> , - International patent - application no. 15464006.4-1358 from 28.08.15, priority: RO/08.04.15/ROA 201500256; solicitanti: Technical University of Cluj, Babes-Bolyai University of Clu, ICA R&D, L&G Consulting, Warsaw University of Technology Poland - sub evaluare

B4.2. Nationale

1	Romanian Patent: Peter A., Mihaly Cozmuta A, Mihaly Cozmuta L, Nicula C, Talasman C, Caprita F, Constantin C, Dumitrascu I, Drazic G, Bele M, Chernyshova E., Silvi S, Sagratini G, Huang X, Kamgang F, Verdenelli C, Orpianesi C, Coman M, Penas A, Calahorro A, Cano Galey M, Ramirez Rodriguez M, PROCEDEU DE OBTINERE A UNOR AMBALAJE ACTIVE PE BAZĂ DE ACID POLILACTIC MODIFICAT CU NANOCOMPOZIT, patent application submitted to OSIM, registration number A/00328 from 12.06.2020. - sub evaluare
2	A. Peter , C. Nicula, A. Mihaly Cozmuta, L. Mihaly Cozmuta si alti 23 inventatori, <i>Procedee de obtinere a unor ambalaje alimentare inteligente</i> , - nr. inregistrare a2015 00256 din 8.04.2015 la OSIM Romania, solicitanti: Technical University of Cluj Napoca, Babes-Bolyai University Cluj Napoca, ICA R&D, L&G Consulting, Warsaw University of Technology Poland, nr. inreg. a2015 00256, sub evaluare.
3	Danciu V., Cosoveanu V., Peter A. , Moldovan Z., Nutiu G., <i>Procedeu pentru mineralizarea prin fotocataliza a contaminantilor organici din apele reziduale (PROCESS FOR PHOTOCATALYSIS MINERALIZATION OF ORGANIC CONTAMINANTS IN WASTE WATER)</i> , Patent no. 122840/6.05.2004, according to the Romanian Law 64/1991. Assignee: UNIV CLUJ-NAPOCA BABES-BOLYAI

B5. Proiecte de cercetare castigate prin competitie (19 PROIECTE)

B5.1. Director de proiect

Nr.	Denumire
1	Contract de cercetare BIOTECH - nr. 24135/29.09.2020, incheiat intre UTCN- S.C. BIOTECH GREEN SOLUTIONS SRL, cercetatori: Anca Peter, Anca Mihaly Cozmuta, Leonard Mihaly Cozmuta, Camelia Nicula
2	Active GRAPhene based FOOD packaging systems for a modern society (GRAFOOD) - nr contract 72/2017 Coordonator consortiu si responsabil UTCN: Conf. Anca Peter, Membri: Leonard Mihaly Cozmuta, Anca Mihaly Cozmuta, Camelia Nicula si altii. Durata: 2017-2020 Program: HORIZONT 2020 - apel M-ERANET 2016 Parteneri: Universitatea Tehnica din Cluj Napoca, Ceprohart Braila, National Institute of Chemistry Ljubljana Slovenia, University of Camerino Italy, SYNBIOTEC Italy, Andaltec Spain
3	STRUCtural and PHOtochemical investigations of a nanosized composite as active component of paper based PACKage designed for food applications (STRUCT-PHO-PACK) Cooperation Protocols of the applicant institution in Romania with JINR, or Cooperation Agreement with JINR for a Scientific Programme, Number of Protocol between Romania and IUCN: 4517-3-16/18, Theme and activity from the JINR Topical Plan: Theme code: 01-3-1115-2014/2018, Priority: 1, Theme name: Theory of Condensed Matter, Perioada: 2017-2018 Parteneri: Universitatea Tehnica Cluj Napoca Romania si Joint Institute for Nuclear Research Dubna Rusia
4	Smart functions of packages containing nano-structured materials in food preservation – SMARTPACK – nr. contract 7-065 / 26.09.2012; http://chimie-biologie.ubm.ro/smartpack/index.html Membri: Leonard Mihaly Cozmuta, Anca Mihaly Cozmuta, Camelia Nicula si altii. Durata: 2012-2015 Program: HORIZONT 2020, apel MNT-ERANET Micro-Nano-Technologies (2011) Parteneri: ICA-Bucuresti-Romania, Universitatea Babes Bolyai Cluj Napoca-Romania, SC L&G Consulting SA - Romania, Warsaw University of Technology – Poland
5	Materiale avansate nanostructurate de tip aerogel cu aplicatii la depoluarea mediului prin fotocataliza heterogena, cod CNC SIS 44, tema 15/2005. Colectivul de cercetare: Peter Anca - director de proiect, Danciu Virginia, Cosoveanu Veronica, etc.... Anul: 2005-2007 Sursa de finantare: Ministerul Educatiei si Cercetarii prin Programul TD.

B5.2. Membra in echipa de cercetare

1	Titlul proiectului: <i>Structural and antibacterial studies of new vitreous oxide materials based on iron and vanadium doped with silver ions</i> Durata: 2020-2021 Responsabil UTCN: Sef lucrari dr. Racolta Dania Membri UTCN: A. Mihaly Cozmuta, A. Peter, C. Nicula, M. Jelea Sursa de finantare: Joint project proposals within the framework of scientific cooperation between Romania and JINR JINR-RO, theme 02-1-1107-2011/2021, item 9 Parteneri: Technical University of Cluj Napoca (UTCN) Romania, JINR Laboratory: Veksler and Baldin Laboratory of High Energy Physics – Dubna;
2	Project 322/21.05.2018 item 12, Investigation of the structural and antibacterial properties of new vitreous oxide materials based on vanadium doped with silver ions, Theme code 02-1-1107-2011/2019, (2018), team leader Dubna: Andrey Rogachev, team leader Romania: D. Racolta, members team Romania: Anca Mihaly Cozmuta, Leonard Mihaly Cozmuta, Anca Peter, Camelia Nicula, Marian Jelea (1700 USD)
3	Project 269/20.05.2020 item 9, Structural and antibacterial studies of new vitreous oxide materials based on iron and vanadium doped with silver ions, Theme code 02-1-1107-2011/2021, (2020), team leader Dubna: Andrey Rogachev, team leader Romania: D. Racolta, members team Romania: Constantin Andronache, Anca Mihaly Cozmuta, Leonard Mihaly Cozmuta, Anca Peter, Camelia Nicula, Marian Jelea (2200 USD)
4	Project 397/27.05.2019 item 6, Investigation and comparison of the properties of new vitreous oxide materials based on vanadium doped with silver ions, Theme 02-1-11-7-2011/2019, (2019), team leader Dubna: Andrey Rogachev, team leader Romania: D. Racolta, members team Romania: Anca Mihaly Cozmuta, Leonard Mihaly Cozmuta, Anca Peter, Camelia Nicula, Marian Jelea (2100 USD) Sursa de finantare: Joint project proposals within the framework of scientific cooperation between Romania and JINR JINR-RO Parteneri: Technical University of Cluj Napoca (UTCN) Romania, JINR Laboratory: Veksler and Baldin Laboratory of High Energy Physics – Dubna;

5	<p>Titlul proiectului: <i>FOOD CHAIN 4 EUROPE</i> Durata: 2017-2022 Responsabil proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuta Membri UTCN-CUNBM: Conf.dr. Anca Peter, Conf.dr. Camelia Nicula, Conf. dr. Leonard Mihaly Cozmuta Sursa de finantare: INTERREG IV C Structura consorțiului: Consiliul Județean Maramureș cu Universitatea Tehnică din Cluj Napoca - Centrul Universitar Nord din Baia Mare (Romania), Provincia Flevoland (Olanda), Fundația AERES GROUP UAS (Olanda), Fundația Euro Perspectives (Bulgaria), Universitatea de Tehnologie Alimentară Plovdiv (Bulgaria), Universitatea Catolică Del Sacro Cuore Milano (Italia), Regiunea Emilia Romagna - directoratul General pentru Agricultură, Vânătoare și Pescuit (Italia), Consiliul Metropolitan Oldham (Marea Britanie), Universitatea Metropolitană Manchester (Marea Britanie). Buget total: 1556512 euro din care pentru România 149354 euro. Rol UTCN-CUNBM: îmbunătățirea punerii în aplicare a politicilor regionale care să stimuleze furnizarea de inovare pentru a crea lanțuri alimentare durabile.</p>
6	<p>Titlu: <i>Developing of a biophysical system based on zeolites microorganisms-vegetal species for ecoremediation of tailing ponds coming from gold-silver preparation industry - ZEMIP</i> Consortium coordinator: Lecturer dr. eng. Leonard Mihaly Cozmuta - Chemistry-Biology Department North University of Baia Mare, Membri: Camelia Varga (Nicula), Anca Peter, Anca Mihaly Cozmuta, Monica Marian Time range: 2009-2011 Funding source: PNCDI 2 Partners: North University of Baia Mare, University of Witswatersrand, Johannesburg, South Africa</p>
7	<p>Titlu proiect: <i>Bioacumularea metalelor grele in lantul sol-legume-om - BIOMEG</i> Coordonator: Conf.dr. Camelia Varga (Nicula) - Universitatea de Nord Baia Mare Membri: Leonard Mihaly Cozmuta, Monica Marian, Anca Mihaly Cozmuta, Anca Peter, Vasile Oros, Rodica Apan, Flavia Pop, Liviu Giurgiulescu, Anca Dumuta Anul: 2008-2011 Sursa de finantare: CNMP (PNCD 2) Parteneri: Universitatea de Nord Baia Mare, Universitatea din Oradea, Statiunea de Cercetari Agricole Livada Satu Mare, facultatea de Medicina Universitatea Transilvania Brasov</p>
8	<p>Titlu proiect: <i>Reabilitarea iazurilor de decantare prin aplicare de amendamente si cultivarea unor specii vegetale cu adaptabilitate ridicata la continutul de metale grele - RIVAM</i> Coordonator: sef lucrari dr. Leonard Mihaly Cozmuta- Universitatea de Nord Baia Mare Membri: Camelia Varga (Nicula), Anca Mihaly Cozmuta, Monica Marian, Anca Peter, Oros Vasile, Gheorghe Vatca, Apan Rodica, Liviu Giurgiulescu, Denut Ioan, Anca Dumuta, Pop George Ovidiu Anul: 2008-2011 Sursa de finantare: CNMP (PNCD 2) Parteneri: Universitatea de Nord Baia Mare, Universitatea din Oradea, Statiunea de Cercetari Agricole Livada Satu Mare</p>
9	<p>Titlu proiect: <i>Monitorizarea actiunii microbiotei solului in vederea utilizarii ei in reabilitarea ecologica a iazurilor de decantare – AMSREI; Contract nr.: 31010/2007</i> Coordonator: sef lucrari dr. Monica Marian - Universitatea de Nord Baia Mare Membri: Camelia Varga (Nicula), Leonard Mihaly Cozmuta, Anca Mihaly Cozmuta, Anca Peter, Vasile Oros, Mirela Coman, Mihalescu Lucia, Oana Rosca Mare, Flavia Maries, Codre Anca, Anul: 2007-2010 Sursa de finantare: CNMP (PNCD 2) Parteneri: Universitatea de Nord Baia Mare, Universitatea din Oradea, Statiunea de Cercetari Agricole Livada Satu Mare</p>
10	<p>Titlul proiectului: <i>Elaborarea hartilor de hazard si evaluarea calitatii mediului in arealele miniere din judetele Maramures si Satu Mare utilizand sistemele informationale geografice - SIG</i> Coordonator consorțiu: dr. Driga Basarab - IGAR Director de proiect UBM: prof.dr.ing. Anca Mihaly Cozmuta Membri: Leonard Mihaly Cozmuta, Camelia Varga (Nicula), Anca Peter, Vasile Viman, Denut Ioan, Bud Ioan, Spatar Cornel, Gheorghe Vatca Anul: 2005-2008 Sursa de finantare: CNCSIS Parteneri: Institutul de Geografie al Academiei Romane, Institutul de Instrumentatie Analitica Cluj Napoca, Geoproiect Bucuresti, Universitatea de Nord Baia Mare, FSM Cluj Napoca</p>
11	<p>Titlu proiect: <i>Aplicarea integrata a bazelor de date pentru adoptarea si restructurarea factorilor naturali si artificiali de protectie a mediului in Ferme Zootehnice-AIBD</i> Director de proiect: prof.dr.ing. Anca Mihaly Cozmuta – Universitatea de Nord Baia Mare Membri: Leonard Mihaly Cozmuta, Camelia Varga (Nicula), Anca Mihaly Cozmuta, Oprea Gabriela, Vasile Viman, Gheorghe Vatca, Anca Peter, Flavia Maries, Ioana tascu, Corina Dragos, Florin Boltea Anul: 2005-2008</p>

	<p>Sursa de finantare: Ministerul Educatiei si Cercetarii prin Programul Cercetare de Excelenta - CALIST</p> <p>Parteneri: USAMV Cluj Napoca, Universitatea de Nord Baia Mare – Romania, Universitatea Gent Belgia, Academia de Stiinte Republica Moldova – Institutul de Zoologie</p>
12	<p>Titlu proiect: Conexiuni la cercetarea europeana de excelenta in problematica de mediu - CONEEX, nr. 1560/2.09.2005</p> <p>Director de proiect: prof.dr.Vasile Viman – Universitatea de Nord Baia Mare</p> <p>Membri: Anca Mihaly Cozmata, Leonard Mihaly Cozmata, Camelia Varga (Nicula), Oprea Gabriela, , Gheorghe Vatca, Anca Peter, Flavia Maries, etc...</p> <p>Anul: 2005-2007</p> <p>Sursa de finantare: Ministerul Educatiei si Cercetarii prin Programul Cercetare de Excelenta - P-INT-VIZ</p> <p>Parteneri: UBM, ICIA-CENTI Cluj, INOE Bucuresti</p>
13	<p>Titlul proiectului: <i>Materiale fotocatalitice inovative aplicate la decontaminarea chimica si microbiologica a aerului din incinte</i>, MATDECON-PN II 71-099/2007</p> <p>Colectivul de cercetare: Virginia Danciu - director de proiect, Peter Anca, Cosoveanu Veronica si altii</p> <p>Anul: 2007-2010</p> <p>Sursa de finantare: Ministerul Educatiei si Cercetarii prin Programul PN II.</p>
14	<p>Titlul proiectului: <i>Noi sisteme vitroase telurate si germanate cu aplicatii in telecomunicatii</i>, NOSIVTEL-PN II 71-099/2007</p> <p>Colectivul de cercetare: Virginia Danciu - director de proiect, Peter Anca, Cosoveanu Veronica si altii</p> <p>Anul: 2007-2010</p> <p>Sursa de finantare: Ministerul Educatiei si Cercetarii prin Programul PN II.</p>

C. Vizibilitatea internationala (recunoasterea impactului activitatii de cercetare)

C1. Membru in comitetele stiintifice ale publicatiilor si conferintelor internationale

<p>Membra in comitetul de redactie a revistei Carpathian Journal of Food Science and Technology</p> <p>http://chimie-biologie.ubm.ro/carpathian_journal/editors.html</p>

C2. Membru in board-urile asociatiilor profesionale internationale



Nr. 4284 / 4.03.2021

În atenția Conducerii Universității Tehnice Cluj Napoca

În contextul cerințelor tot mai mari provenite din partea consumatorilor legate de creșterea calității, siguranței și sustenabilității lanțurilor alimentare începând de la materiile prime și auxiliare și până la consumator și a necesității sprijinirii susținerii agenților economici din domeniul alimentar, Consiliul Județean Maramureș implementează în perioada 2017-2021, în parteneriat extern proiectul *FoodChains 4 Europe- Strengthening regional innovation policies to build sustainable food chains*, finanțat prin programul INTERREG EUROPE. .

Obiectivul principal al proiectului este îmbunătățirea implementării politicilor regionale care stimulează transferul de inovare pentru a crește sustenabilitatea lanțurilor alimentare în cinci regiuni participante: Flevoland (Regatul Țărilor de Jos), Plovdiv/Sofia (Bulgaria), Emilia-Romagna (Italia), Maramureș (România) și Greater Manchester (UK). Pentru realizarea acestui obiectiv, autorități locale, universități și agenți economici din domeniul industriei alimentare din fiecare regiune și-au împărtășit experiența și expertiza pe durata unor activități de peer review și activități de învățare interregională.

Activitățile de evaluare de tip peer review a lanțurilor alimentare din regiunile participante s-au desfășurat în intervalul 2017-2019 și au fost realizate de un grup de experți internaționali proveniți din Provincia Flevoland și Universitatea Aeres Group Foundation (Regatul Țărilor de Jos), Universitatea de Tehnologie Alimentară - Plovdiv și Fundația Euro Perspectives –Sofia (Bulgaria), Universitatea Catolică del Sacro Cuore - Milano și regiunea Emilia-Romagna - Directoratul General pentru Agricultură, Vânătoare și Pescuit Agriculture Hunting - Bologna (Italia), Universitatea Metropolitană Manchester și Consiliul local Oldham – Greater Manchester (UK) și Consiliul Județean Maramureș (RO). Din echipa de experți internaționali din județul Maramureș au făcut parte și cadrele didactice universitare: **Prof.dr.ing. Mihaly Cozmuța Anca, Conf.dr. Peter Anca și Conf.dr.ing. Giurgiulescu Liviu de la Universitatea Tehnică din Cluj Napoca, Centrul Universitar Nord din Baia Mare.**

Pe baza rapoartelor de peer review întocmite de către grupul de experți internaționali, fiecare regiune parteneră a dezvoltat un plan de acțiune prin care se transferă inovare către sectorul alimentar din zonă, planuri care se implementează în faza a II-a a proiectului, în perioada 2020-2021.

Detalii privitoare la activitățile de peer-review pot fi găsite la adresa <https://www.interregeurope.eu/foodchains4eu>.

Ionel Ovidiu BOGDAN
Președintele Consiliului Județean Maramureș



Elaborat de Mihaela Lite
Șef Birou Relații Internaționale
Manager proiect FoodChains4 Europe
Tel/fax 0262.211.544 e-mail: bri@maramures.ro



C3. Membru in comisii de sustinere a unor teze de doctorat la universitati din strainatate

1	Referent in comisia de doctorat a studentei Xiaohui Hunag sustinuta in cadrul Universitatii din Camerino Italy
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We hereby certify that Prof. **Anca Peter** of the Technical University of Cluj Napoca, North University Center of Baia Mare, Romania was identified as external evaluator for the Doctoral thesis of the Doctoral candidate **Xiaohui Huang** at the School of Advanced Studies at the University of Camerino, Italy.

Camerino, March 12, 2021

Prof. Roberto Ciccocioppo

Director

School of Advanced Studies

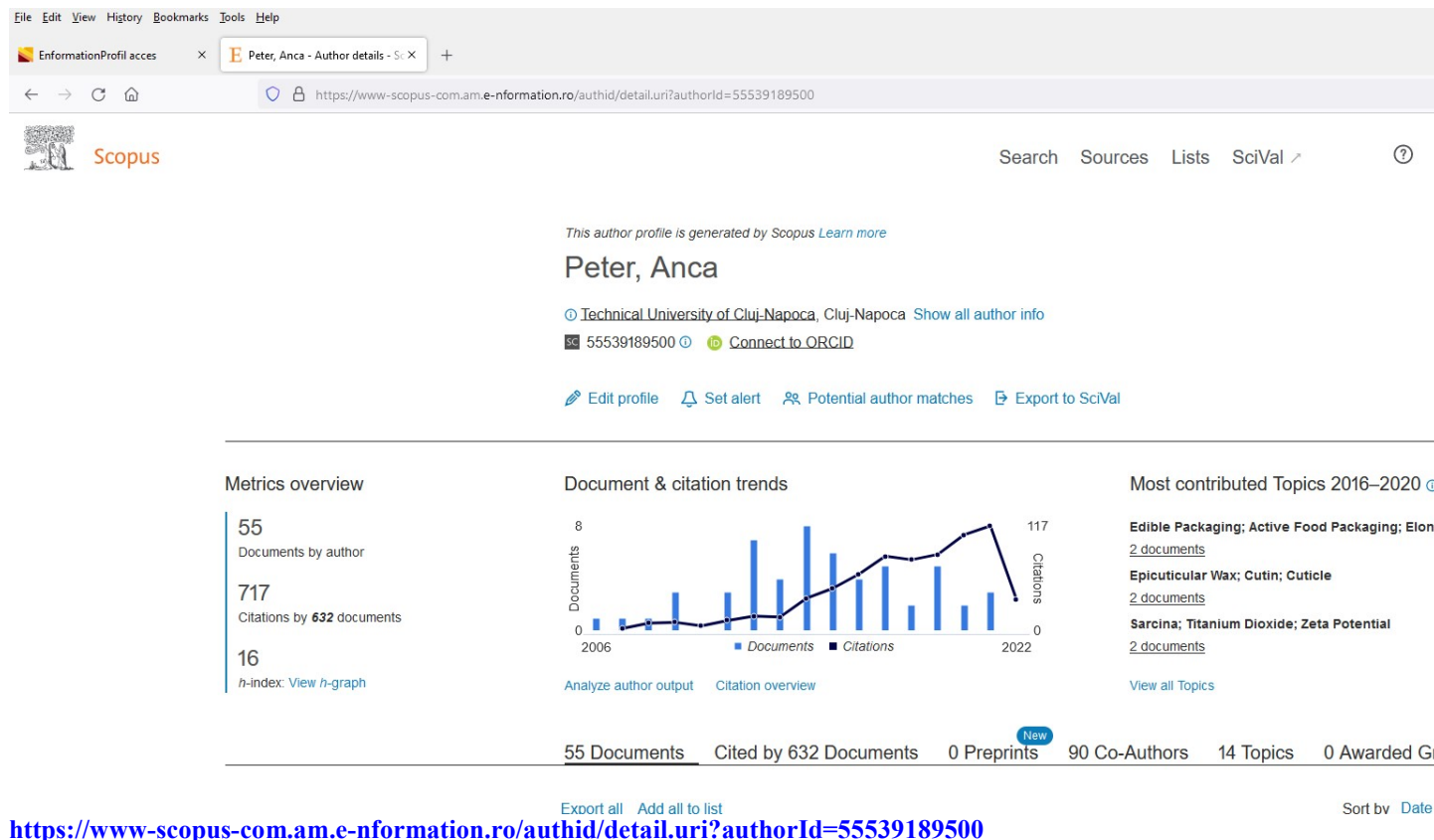


C4. Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale si profesor invitat (exclusiv Erasmus)

1	University of Pecs, Department of Analytical Chemistry, Faculty of Sciences and Institute of Bioanalysis, Faculty of Medicine, Hungary, teacher mobility CEEPUS : CII – HU-0010-04-0910-M-34185, 12.04.2010 – 12.05.2011
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C5. Indicatori de activitate stiintifica

Scopus	
nr citari	h-index
717	16



Google scholar	
nr citari	h-index
1006	17

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Anca Peter - Google Academic

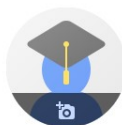
https://scholar.google.com/citations?user=ikiRwaMAAAAJ&hl=ro

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Examinați afilierea
 Ajutați-vă colegii să vă găsească. **EXAMINAȚI**

Adăugați o fotografie
 Finalizați-vă profilul. **ADĂUGAȚI**

Adăugați coautori
 Avem sugestii de coautori. **ADĂUGAȚI**



Anca Peter

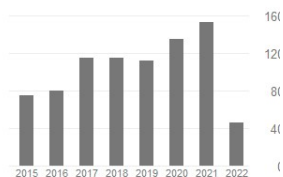
Universitatea Tehnica din Cluj Napoca
 Nicio adresă de e-mail confirmată
 nanomateriale

URMĂRIȚI

TITLU	CITAT DE	ANUL
<input type="checkbox"/> Adsorption of heavy metal cations by Na-clinoptilolite: Equilibrium and selectivity studies L Mihaly-Cozmuta, A Mihaly-Cozmuta, A Peter, C Nicula, H Tutu, ... Journal of environmental management 137, 69-80	112	2014
<input type="checkbox"/> Active Packaging System Based on Ag/TiO₂ Nanocomposite Used for Extending the Shelf Life of Bread. Chemical and Microbiological Investigations A Mihaly Cozmuta, A Peter, L Mihaly Cozmuta, C Nicula, L Crisan, L Baia, ... Packaging Technology and Science 28 (4), 271-284	83	2015
<input type="checkbox"/> Synthesis and nanostructural characterization of TiO₂ aerogels for photovoltaic devices L Baia, A Peter, V Cosoveanu, E Indrea, M Baia, J Popp, V Danciu Thin Solid Films 511, 512-516	72	2006
<input type="checkbox"/> Biosorption of trace elements from aqueous systems in gold mining sites by the filamentous green algae (Oedogonium sp.) EN Bakatula, EM Cukrowska, IM Weiersbye, L Mihaly-Cozmuta, A Peter, ... Journal of Geochemical Exploration 144, 492-503	70	2014
<input type="checkbox"/> The influence of pH on the adsorption of lead by Na-clinoptilolite: Kinetic and equilibrium studies LM Cozmuta, AM Cozmuta, A Peter, C Nicula, EB Nsimba, H Tutu Water Sa 38 (2), 269-278	55	2012

Citat de

	TOATE	Din 2011
Referințe bibliografice	1006	676
h-index	17	14
i10-index	24	20



Acces public

	AFIȘAȚI-LE PE TOATE
2 articole indisponibile	3 articole disponibile

Pe baza cerințelor privind finanțarea

WOS	
nr citari	h-index
681	16

VIEWING 2 COMBINED AUTHOR RECORDS

Peter, Anca This is an algorithmically generated author record

Technical University of Cluj Napoca
Dept Chem
BAIA MARE, ROMANIA

Published names Peter, Anca Peter, A.

Organizations

2009-2021	Technical University of Cluj Napoca
2012-2012	N Univ Baia Mare
2007-2011	Babes Bolyai University from Cluj

Web of Science ResearcherID: C-3740-2012

Metrics

Publication Metrics

16 H-Index	56 Total
681 Sum of Times Cited	59 Citations

56 Publications from the Web of Science Core Collection

Date: Newest first | All Publications | 1 of 2

Link WOS:

<https://www-webofscience-com.am.e-nformation.ro/wos/author/record/881515,35839166>

C6. Recenzor pentru reviste ISI si BDI

Reviste ISI

ACS Applied Materials & Interfaces
African Journal of Agricultural Research
Journal of Alloys and Compounds
Chemical Papers
CyTA - Journal of Food
Journal of Residuals Science and Technology
Journal of Nanoscience and Nanotechnology
Journal of Water Process Engineering
CLEAN - Soil, Air, Water
Desalination and Water Treatment
[Food and Nutritional Disorders](#) - SciTechnol
Industrial & Engineering Chemistry Research
International Journal of Applied Ceramic Technology
International Journal of Food Science & Technology
International Journal of Food Properties
International Journal of Energy Research
Industrial Crops and Products
RSD Advances
Journal of Food Science
Journal of materials Science
Journal of Optoelectronics and Advanced Materials

Journal of Photochemistry and Photobiology A Chemistry
Journal of Physics and Chemistry of Solids
Main Group Chemistry
Material Letters
Molecules
Environmental Science - NANO
Nutrition and Food Science
Polymers
Surface and Coatings Technology
Surface and Interfaces

Reviste BDI

International Journal of Agricultural Sciences
Analele Universitatii Galati
Carpathian Journal of Food Science and Technology
International Journal of Biochemistry and Biotechnology
International Journal of Medicinal Plant Research
International Research Journal of Plant Science(IRJPS)
International Journal of Agricultural Sciences
International Journal of Biochemistry and Biotechnology
TOPCLASS JOURNAL OF AGRICULTURAL RESEARCH
International Journal of Plant Physiology and Biochemistry
International Research Journal of Plant Science
Pacesetter Journal of Agricultural Science Research
[British Journal of Applied Science & Technology](#)
International Journal of Agricultural Policy and Research

Data
5.04.2022

Conf.univ.dr. Anca Peter

