UNIVERSITATEA TEHNICĂ DIN CLUJ NAPOCA
CENTRUL UNIVERSITAR NORD DIN BAIA MARE
FACULTATEA DE ŞTIINŢE
DEPARTAMENTUL DE CHIMIE ŞI BIOLOGIE
Prof.dr.ing. Anca Mihaly Cozmuţa

Gradul de îndeplinire al standardelor minimale pentru obtinerea atestatului de abilitare in domeniul de studii universitare de doctorat Ingineria Produselor Alimentare

Condiţii minimale naţionale **Ordinul MECTS 6560/2012** **Ordinul MECTS nr. 4204/2013** Comisia 14 Ingineria Resurselor Vegetale şi Animale	**Categoria: Profesor** Domeniul: Ingineria Produselor Alimentare	
	Punctaj minimal impus	**Punctaj propriu**
A1. Activitatea didactică şi profesională	100 puncte	**557,7**
A2. Activitatea de cercetare	260 puncte	**484,8**
A3. Recunoaştere şi impactul activităţii	40 puncte	**468,7**
TOTAL	**400 puncte**	**1511,2**

Centralizator al îndeplinirii criteriilor Comisiei nr. 14 – Ingineria Resurselor Vegetale şi Animale;
Ordinul MECTS 6560/2012; Ordinul MECTS nr. 4204/2013
Domeniul: Ingineria Produselor Alimentare

Domeniul activităţilor	Tipul activităţilor	Categorii şi restricţii	Subcategorii	Cerute	Realizate	Punctaj
Activitatea didactică/ profesională (A1)	1.1. Cărţi şi capitole în cărţi de specialitate	1.1.1. Cărţi cu ISBN/ capitole ca autor;	1.1.1.1. internaţionale	Miminum 2 *Din care*: Minimum 1 în calitate de prim autor	4	71,4
			1.1.1.2 naţionale		4	
		1.1.2. Carti/capitole de carti ca editor / coordonator	1.1.2.1.internaţionale	-	-	0
			1.1.2.2 naţionale	-	-	0
	1.2. Suport didactic	1.2.1. Manuale, suport de curs	-	Fără restricţii	7	233,7
		1.2.2. Indrumare de laborator /aplicaţii	-	Fără restricţii	2	10,6
	1.3.Coordonare de programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale(POS, ERASMUS, şa)	Punctaj unic pentru fiecare activitate	-	-	16	240
Total realizat A1						**557,7**
Minimum cerut pentru A1						**100**

Domeniul activităţilor	Tipul activităţilor	Categorii şi restricţii	Subcategorii	Cerute	Realizate	Punctaj
Activitatea de cercetare (A2)	2.1. Articole în reviste cotate ISI Thomson Reuters şi în volume indexate ISI proceedings	2.1.1. Profesor	-	Minimum 6	11	153,7
	2.2. Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale (BDI)	2.2.1. Profesor	-	Minim 15	19	71,7
	2.3. Proprietate intelectuală, brevete de invenţie, tehnologii şi produse omologate (soiuri, hibrizi, rase, etc)	-	2.3.1 internaţionale	-	1	1,4
			2.3.2 naţionale	-	-	0
	2.4. Granturi/proiecte câştigate prin competiţie inclusiv proiecte de cercetare / consultanţă (valoare de minim 10 000 Euro echivalenţi)	2.4.1. Director/ responsabil	2.4.1.1 internaţionale	Minim 2	2	160
			2.4.1.2 naţionale		1	30
		2.4.2 Membru în echipă	2.4.2.1 internaţionale	-	4	44
			2.4.2.2 naţionale		4	24
Total realizat A2						**484,8**
Minimum cerut pentru A2						**260**

Domeniul activităţilor	Tipul activităţilor	Categorii şi restricţii	Subcategorii	Cerute	Realizate	Punctaj
Recunoaştere a şi impactul activităţii (A3)	3.1 Citări in reviste ISI şi BDI	-	3.1.1. ISI	-	108	179,4
		-	3.1.2. BDI	-	35	31,3
	3.2. Prezentări invitate în plenul unor manifestări ştiinţifice naţionale şi internaţionale şi Profesor invitat (exclusiv ERASMUS)	Punctaj unic pentru fiecare activitate	3.2.1 internaţionale	-	2	20
			3.2.2 naţionale	-	-	0
	3.3. Membru în colective de redacţie sau comitete ştiinţifice ale revistelor şi manifestărilor ştiinţifice, oragnizator de manifestări ştiinţifice, recenzor pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale.		3.3.1 ISI	-	5	75
			3.3.2 BDI	-	11	110
			3.3.3 Naţionale şi internaţionale neindexate	-	-	0
	3.4. Experienţa de management	-	3.4.1. Conducere	-	1	15
			3.4.2. Membru în organisme de conducere	-	1	6
	Criterii opţionale					
	3.5 Premii	-	3.5.1 Academia Română	-	-	0
			3.5.2. ASAS, AOSR, academii de ramură şi CNCS	-	-	0
			3.5.3. premii internaţionale	-	-	0
			3.5.4. premii naţionale în domeniu	-	-	0

	3.6. Membru în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţă la organizaţii din domeniul educaţiei şi cercetării	3.6.1 Academia Română	-	-	-	0
		3.6.2 ASAS, AOSR şi academii de ramură	-	-	-	0
		3.6.3 Conducere asociaţii profesionale	3.6.3.1 internaţionale	-	-	0
			3.6.3.2 naţionale	-	-	0
		3.6.4 Asociaţii profesionale	3.6.4.1 internaţionale	-	-	0
			3.6.4.2 naţionale	-	1	2
		3.6.5 Consilii şi organizaţii în domeniul educaţiei şi cercetării	3.6.5.1 Conducere	-	-	0
			3.6.5.2 Membru	-	1	10
Total realizat A3						**468,7**
Minimum cerut pentru A3						**40**
Total realizat A1+A2+A3						**1511,2**
Minimum cerut pentru A1+A2+A3						**400**

28.05.2017 **Prof.dr.ing. Anca Mihaly Cozmuţa**

TEHNICĂ DIN CLUJ NAPOCA
CENTRUL UNIVERSITAR NORD DIN BAIA MARE
FACULTATEA DE STIINTE
DEPARTAMENTUL DE CHIMIE ŞI BIOLOGIE
Prof.dr.ing. Anca Mihaly Cozmuţa

DETALIEREA ÎNDEPLINIRII CRITERIILOR DE ABILITARE

Ordinul MECTS 6560/2012
Ordinul MECTS nr. 4204/2013

COMISIA 14 – INGINERIA RESURSELOR VEGETALE ŞI ANIMALE

Domeniul: Ingineria Produselor Alimentare

A1. ACTIVITATE DIDACTICĂ/PROFESIONALĂ (Anexa A1)

1.1. Cărţi şi capitole în cărţi de specialitate

1.1.1. Cărţi cu ISBN/capitole ca autor

1.1.1.1. Internaţionale

-

1.1.1.2. Naţionale

Nr.	Cărţi cu ISBN- Anexa A.1.1.	k_{pi}
1.1.1.2.1	**Anca Mihaly Cozmuţa**, Flavia Pop (2009). Tehnologia Produselor Fainoase, Editura Risoprint Cluj Napoca, 117 pagini, ISBN 978-973-751-897-2.	11,7
1.1.1.2.2	**Anca Mihaly Cozmuţa**, Flavia Pop (2008). Tehnologia Panificatiei, Editura Risoprint Cluj Napoca, 167 pagini, ISBN 978-973-751-901-6.	16,7
1.1.1.2.3.	**Anca Mihaly Cozmuţa**, Leonard Mihaly Cozmuţa (2004). Operatii şi Aparate în Industria Alimentară, Editura Risoprint Cluj Napoca, 205 pagini, ISBN 973-656-620-X	20,5
1.1.1.2.4	**Anca Mihai (Mihaly Cozmuţa)**, Leonard Mihaly Cozmuţa (2001). Fenomene de Transfer, Editura Risoprint Cluj Napoca, 225 pagini, ISBN: 973-656-060-0.	22,5
Total 1.1.1.		**71,4**

1.1.2 Cărţi/ capitole de cărţi ca editor/coordonator

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1.2 Suport didactic

1.2.1 Manuale, suport de curs

Nr.	Manuale, Suport de curs (http://chimie-biologie.ubm.ro/mihaly_anca.html)	k_{pi}
1.2.1.1.	**Anca Mihaly Cozmuţa** - Ambalaje alimentare, 199 pagini	24,8
1.2.1.2.	**Anca Mihaly Cozmuţa** - Tehnologii ale produselor de origine vegetală, 637 pagini	79,6
1.2.1.3.	**Anca Mihaly Cozmuţa** - Alimente cu destinaţie specială, 360 pagini	45,0

1.2.1.4.	**Anca Mihaly Cozmuţa** – Tehnologia panificaţiei, 35 pagini	4,3
1.2.1.5.	**Anca Mihaly Cozmuţa** - Valorificarea subproduselor din industria alimentara, 221 pagini	27,6
1.2.1.6.	**Anca Mihaly Cozmuţa** (2001). Chimie generală, vol. 1, Editura Risoprint Cluj Napoca, 199 pagini, ISBN: 973-656-136-4. **Anexa A.1.2.**	24,8
1.2.1.7.	**Anca Mihaly Cozmuţa** (2001). Chimie generală, vol. 2, Editura Risoprint Cluj Napoca, 221 pagini, ISBN: 973-656-137-2. **Anexa A.1.2.**	27,6
Total 1.2.1.		**233,7**

1.2.2 Indrumare de laborator/aplicatii

Nr.	Indrumare de laborator - Anexa A.1.2.	k_{pi}
1.2.2.1.	**Anca Mihaly Cozmuţa**, Flavia Pop (2011). Tehnologii alimentare- Caiet de lucrări practice pentru studenţi. Editura Risoprint Cluj Napoca, 107 pagini, ISBN 978-973-53-0528-4.	6,6
1.2.2.2.	**Anca Mihaly Cozmuţa**, Anca Codre, Flavia Mărieş (2007). Lucrari practice de tehnologia morăritului, panificaţiei şi produselor făinoase. Editura Risoprint Cluj Napoca, 96 pagini, ISBN 978-9737-51452-3.	4,0
Total 1.2.2.		**10,6**
TOTAL 1.2.		**244,3**

1.3. Coordonare de programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale (POS, ERASMUS, şa)

Nr.	Programe de formare continuă	k_{pi}
1.3.1.	**Proiecte CEEPUS – Central European Exchange Program for Universities Study (https://www.ceepus.info/#nbb) - Anexa 1.3.1**	
1.3.1.1.	**Titlul proiectului**: CIII-HR-0306-09-1617- For Safe and Healthy Food in Middle-Europe (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM**: Conf.dr.ing. Leonard Mihaly Cozmuţa, Conf. dr. Camelia Nicula, Conf.dr. Anca Peter **Durata**: 2016-2017 **Sursa de finanţare**: Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-HR-0306-09-1617 **Structură consorţiu**: University of Zagreb (coordonator consortiu); Technical University of Cluj-Napoca; Boku-University of Natural Resources and Life Sciences, Vienna; Graz University of Technology; MCI Management Center Innsbruck; J.J.Strossmayer University in Osijek; Mendel University in Brno; University of Chemistry and Technology Prague; Szent István University; Warsaw Agricultural University; Wroclaw University of Environmental and Life Sciences; "Babes Bolyai" University of Cluj Napoca; University of Novi Sad; University of Technology in Bratislava; University of Ljubljana; University of Primorska	15
1.3.1.2.	**Titlul proiectului:** CIII-RO-0010-11-1617-Teaching and Learning Bioanalysis (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuţa**,** Conf.dr. Camelia Nicula, Conf. dr. Anca Peter **Durata:** 2016-2017 **Sursa de finanţare**: Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-RO-0010-11-1617 **Structură consorţiu:** University de Medicina si Farmacie din Targu Mures (coordonator consortiu), Universitatea din Pecs, Universitatea Tehnica din Cluj Napoca, Graz University of Technology-Poland, Neophit Rilski South-West	15

	University-Bulgaria, Sofia University St.Kliment Ohridski-Bulgaria, University of Zagreb-Croatia, Charles University in Prague-Cehia, Palacký University, Olomouc-Cehia, Eötvös Loránd University – Ungaria, University of Debrecen-Ungaria, University Sts.Cyril and Methodius – Skopje-Macedonia, Warsaw University-Polonia, Universitatea Babes Bolyai Cluj Napoca, University in Prishtina with temporary seat in Kosovska Mitrovica, Comenius University in Bratislava-Slovacia, Constantine The Philosopher University in Nitra-Slovacia	
1.3.1.3.	**Titlul proiectului**: CIII-HR-0306-09-1516- For Safe and Healthy Food in Middle-Europe (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM**: Conf.dr.ing. Leonard Mihaly Cozmuţa, Conf. dr. Camelia Nicula, Conf. dr. Anca Peter **Durata**: 2015-2016 **Sursa de finanţare**: Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-HR-0306-09-1516 **Structură consorţiu**: University of Zagreb (coordonator consortiu); Technical University of Cluj-Napoca; BOKU - University of Natural Resources and Life Sciences, Vienna; Graz University of Technology; MCI Management Center Innsbruck; J.J.Strossmayer University in Osijek; Mendel University in Brno; University of Chemistry and Technology Prague; Szent István University; Warsaw Agricultural University; Wroclaw University of Environmental and Life Sciences; "Babes Bolyai " University of Cluj Napoca; University of Novi Sad; University of Technology in Bratislava; University of Ljubljana; University of Primorska	15
1.3.1.4.	**Titlul proiectului:** CIII-RO-0010-10-1516-Teaching and Learning Bioanalysis (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuţa, Conf.dr. Camelia Nicula, Conf. dr. Anca Peter **Durata:** 2015-2016 **Sursa de finanţare**: Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-RO-0010-10-1516 **Structură consorţiului:** University de Medicina si Farmacie din Targu Mures (coordonator consortiu), Universitatea din Pecs, Universitatea Tehnica din Cluj Napoca, Graz University of Technology-Poland,Neophit Rilski South-West University-Bulgaria, Sofia University St.Kliment Ohridski-Bulgaria, University of Zagreb-Croatia, Charles University in Prague-Cehia, Palacký University, Olomouc-Cehia, Eötvös Loránd University – Ungaria, University of Debrecen-Ungaria, University Sts.Cyril and Methodius – Skopje-Macedonia, Warsaw University-Polonia, Universitatea Babes Bolyai Cluj Napoca, University in Prishtina with temporary seat in Kosovska Mitrovica, Comenius University in Bratislava-Slovacia, Constantine The Philosopher University in Nitra-Slovacia	15
1.3.1.5.	**Titlul proiectului**: CIII-HR-0306-09-1415- For Safe and Healthy Food in Middle-Europe (https://www.ceepus.info/public/network/network.aspx#nbb **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM**: Conf.dr.ing. Leonard Mihaly Cozmuţa, Conf. dr. Camelia Nicula, Conf. dr. Anca Peter **Durata**: 2014-2015 **Sursa de finanţare:** Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-HR-0306-09-1415 **Structură consorţiului**: University of Zagreb (coordonator consortiu); Technical University of Cluj- Napoca; Boku - University of Natural Resources and Life Sciences, Vienna; Graz University of Technology; MCI Management Center	15

	Innsbruck; J.J.Strossmayer University in Osijek; Mendel University in Brno; University of Chemistry and Technology Prague; Szent István University; Warsaw Agricultural University; Wroclaw University of Environmental and Life Sciences; "Babes Bolayi" University of Cluj Napoca; University of Novi Sad; University of Technology in Bratislava; University of Ljubljana; University of Primorska	
1.3.1.6.	**Titlul proiectului:** CIII-RO-0010-09-1415-Teaching and Learning Bioanalysis (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuta**, C**onf.dr. Camelia Varga, Conf. dr. Anca Peter **Durata:** 2014-2015 **Sursa de finanţare**: Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-RO-0010-09-1415 **Structură consorţiu:** University de Medicina si Farmacie din Targu Mures (coordonator consortiu), Universitatea din Pecs, Universitatea Tehnica din Cluj Napoca, Graz University of Technology-Poland,Neophit RilskiSouth-West University-Bulgaria, Sofia University St.Kliment Ohridski-Bulgaria, University of Zagreb-Croatia, Charles University in Prague-Cehia, Palacký University, Olomouc-Cehia, Eötvös Loránd University – Ungaria, University of Debrecen-Ungaria, University Sts.Cyril and Methodius – Skopje-Macedonia, Warsaw University-Polonia, Universitatea Babes Bolyai Cluj Napoca, University in Prishtina with temporary seat in Kosovska Mitrovica, Comenius University in Bratislava-Slovacia, Constantine The Philosopher University in Nitra-Slovacia	15
1.3.1.7.	**Titlul proiectului**: CIII-HR-0306-06-1314- For Safe and Healthy Food in Middle-Europe (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM**: Conf.dr.ing. Leonard Mihaly Cozmuta, Conf. dr. Camelia Nicula, Conf. dr. Anca Peter **Durata**: 2013-2014 **Sursa de finanţare**: Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-HR-0306-06-1314 **Structură consorţiu**: University of Zagreb (coordonator consortiu); Technical University of Cluj-Napoca; Boku-University of Natural Resources and Life Sciences, Vienna; Graz University of Technology; MCI Management Center Innsbruck; J.J.Strossmayer University in Osijek; Mendel University in Brno; University of Chemistry and Technology Prague; Szent István University;Warsaw Agricultural University; Wroclaw University of Environmental and Life Sciences; "Babes Bolyai" University of Cluj Napoca; University of Novi Sad; University of Technology in Bratislava; University of Ljubljana; University of Primorska	15
1.3.1.8.	**Titlul proiectului:** CIII-RO-0010-08-1314-Teaching and Learning Bioanalysis (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuta**,** Conf.dr. Camelia Varga, Conf. dr. Anca Peter **Durata:** 2013-2014 **Sursa de finanţare**: Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-RO-0010-08-1314 **Structur**ă **consor**ţiu**:** University de Medicina si Farmacie din Targu Mures (coordonator consortiu), Universitatea din Pecs, Universitatea Tehnica din Cluj Napoca, Graz University of Technology-Poland, Neophit Rilski South-West University-Bulgaria, Sofia University St.Kliment Ohridski-Bulgaria, University of Zagreb-Croatia, Charles University in Prague-Cehia, Palacký University,	15

	Olomouc-Cehia, Eötvös Loránd University– Ungaria, University of Debrecen-Ungaria, University Sts.Cyril and Methodius–Skopje-Macedonia, Warsaw University-Polonia, UBB Cluj Napoca, University in Prishtina with temporary seat in Kosovska Mitrovica, Comenius University in Bratislava-Slovacia, Constantine The Philosopher University in Nitra-Slovacia	
1.3.1.9.	**Titlul proiectului:** CIII-RO-0010-07-1213-Teaching and Learning Bioanalysis (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuta**,** Conf.dr. Camelia Varga, Conf. dr. Anca Peter **Durata:** 2012-2013 **Sursa de finanţare**: Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-RO-0010-07-1213 **Structură consorţiu:** University de Medicina si Farmacie din Targu Mures (coordonator consortiu), Universitatea din Pecs, Universitatea Tehnica din Cluj Napoca, Graz University of Technology-Poland, Neophit Rilski South-West University-Bulgaria, Sofia University St.Kliment Ohridski-Bulgaria, University of Zagreb-Croatia, Charles University in Prague-Cehia, Palacký University, Olomouc-Cehia, Eötvös Loránd University – Ungaria, University of Debrecen-Ungaria, University Sts.Cyril and Methodius–Skopje-Macedonia, Warsaw University-Polonia, Universitatea Babes Bolyai Cluj Napoca, University in Prishtina with temporary seat in Kosovska Mitrovica, Comenius University in Bratislava-Slovacia, Constantine The Philosopher University in Nitra-Slovacia	15
10	**Titlul proiectului:** CIII-RO-0010-06-1112-Teaching and Learning Bioanalysis (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuţa**,** Conf.dr. Camelia Nicula, Conf. dr. Anca Peter **Durata:** 2011-2012 **Sursa de finanţare**: Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-RO-0010-06-1112 **Structură consorţiu:** Universitatea din Pecs (coordonator consortiu); University de Medicina si Farmacie din Targu Mures, Universitatea Tehnica din Cluj Napoca, Graz University of Technology-Poland, Neophit Rilski South-West University-Bulgaria, Sofia University St.Kliment Ohridski-Bulgaria, University of Zagreb-Croatia, Charles University in Prague-Cehia, Palacký University, Olomouc-Cehia, Eötvös Loránd University – Ungaria, University of Debrecen-Ungaria, University Sts.Cyril and Methodius – Skopje-Macedonia, Warsaw University-Polonia, Universitatea Babes Bolyai Cluj Napoca, University in Prishtina with temporary seat in Kosovska Mitrovica, Comenius University in Bratislava-Slovacia, Constantine The Philosopher University in Nitra-Slovacia	15
1.3.1.11.	**Titlul proiectului:** CIII-RO-0010-05-1011-Teaching and Learning Bioanalysis (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuţa**,** Conf.dr. Camelia Nicula, Conf. dr. Anca Peter **Durata:** 2010-2011 **Sursa de finanţare**: Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-RO-0010-05-1011 **Structură consorţiu:** Universitatea din Pecs (coordonator consortiu); University de Medicina si Farmacie din Targu Mures, Universitatea Tehnica din Cluj Napoca, Graz University of Technology-Poland, Neophit Rilski South-West University-	15

	Bulgaria, Sofia University St.Kliment Ohridski-Bulgaria, University of Zagreb-Croatia, Charles University in Prague-Cehia, Palacký University, Olomouc-Cehia, Eötvös Loránd University–Ungaria, University of Debrecen-Ungaria, University Sts.Cyril and Methodius–Skopje-Macedonia, Warsaw University-Polonia, Universitatea Babes Bolyai Cluj Napoca, University in Prishtina with temporary seat in Kosovska Mitrovica, Comenius University in Bratislava-Slovacia, Constantine The Philosopher University in Nitra-Slovacia	
1.3.1.12.	**Titlul proiectului:** CIII-RO-0010-04-0910-Teaching and Learning Bioanalysis (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuţa**,** Conf.dr. Camelia Varga, Conf. dr. Anca Peter **Durata:** 2009-2010 **Sursa de finanţare:** Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CIII-RO-0010-04-0910 **Structură consorţiu:** Universitatea din Pecs (coordonator consortiu); University de Medicina si Farmacie din Targu Mures, Universitatea Tehnica din Cluj Napoca, Graz University of Technology-Poland, Neophit Rilski South-West University-Bulgaria, Sofia University St.Kliment Ohridski-Bulgaria, University of Zagreb-Croatia, Charles University in Prague-Cehia, Palacký University, Olomouc-Cehia, Eötvös Loránd University–Ungaria, University of Debrecen-Ungaria, University Sts.Cyril and Methodius–Skopje-Macedonia, Warsaw University-Polonia, Universitatea Babes Bolyai Cluj Napoca, University in Prishtina with temporary seat in Kosovska Mitrovica, Comenius University in Bratislava-Slovacia, Constantine The Philosopher University in Nitra-Slovacia	15
1.3.1.13.	**Titlul proiectului**: Education in separation and identification of organic xenobiotics in environmental samples and food product - CII-PL-0004-03-0708 (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuţa**,** Conf.dr. Camelia Nicula, Conf. dr. Anca Peter **Durata:** 2007-2008 **Sursa de finanţare:** Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CII-PL-0004-03-0708 **Structură consorţiu:** 'Nicolaus Copernicus' University in Torun (coordonator consortiu); Graz University of Technology; Innsbruck Medical University; St. Kliment Ohridski Sofia University; University of Zagreb; University of Pardubice; Tomas Bata University in Zlín; University of Pécs; Wroclaw University of Environmental and Life Sciences; Medical University of Gdansk; Technical University of Cluj-Napoca; "TRANSILVANIA" University of Brasov; University of Technology in Bratislava; University of Ljubljana	15
1.3.1.14.	**Titlul proiectului**: Education in separation and identification of organic xenobiotics in environmental samples and food product - CII-PL-0004-02-0607 (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuţa**,** Conf.dr. Camelia Varga, Conf. dr. Anca Peter **Durata:** 2006-2007 **Sursa de finanţare:** Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CII-PL-0004-02-0607 **Structură consorţiu:** 'Nicolaus Copernicus' University in Torun (coordonator consortiu); Graz University of Technology; Innsbruck Medical University; St.	15

	Kliment Ohridski Sofia University; University of Zagreb; University of Pardubice; Tomas Bata University in Zlín; University of Pécs; Wroclaw University of Environmental and Life Sciences; Medical University of Gdansk;Technical University of Cluj-Napoca; "TRANSILVANIA" University of Brasov; University of Technology in Bratislava; University of Ljubljana	
1.3.1.15.	**Titlul proiectului**: Education in separation and identification of organic xenobiotics in environmental samples and food product - CII-PL-0004-01-0506 (https://www.ceepus.info/public/network/network.aspx#nbb) **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuţa**,** Conf.dr. Camelia Varga, Conf. dr. Anca Peter **Durata:** 2005-2006 **Sursa de finanţare:** Uniunea Europeană în cadrul CEEPUS (Central European Exchange Program for Universities Study, CII-PL-0004-01-0506 **Structură consorţiu:** 'Nicolaus Copernicus' University in Torun (coordonator consortiu); Graz University of Technology; Innsbruck Medical University; St. Kliment Ohridski Sofia University; University of Zagreb; University of Pardubice; Tomas Bata University in Zlín; University of Pécs; Wroclaw University of Environmental and Life Sciences; Medical University of Gdansk; UT Cluj-Napoca; "TRANSILVANIA" University of Brasov; University of Technology in Bratislava; University of Ljubljana	15
1.3.2.	**Proiecte de mobilităţi Leonardo da Vinci - Anexa 1.3.2 (http://www.becasargo.es/inicio/?lang=en)**	
1.3.2.1.	**Titlul proiectului:** ARGO training placement under the lifelong learning programme; **Director de proiect UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf. dr. Leonard Mihaly Cozmuta, Conf.dr. Camelia Varga, Conf. dr. Monica Marian, Conf.dr. Anca Peter **Durata:** 2008-2009 **Sursa de finanţare**: Programul Leonardo da Vinci **Structură consorţiu:** Universitatea de Nord Baia Mare (Romania), Fundacia para el Fomento en Asturias de la Investigación Aplicada y la Tecnología (FICYT)-Madrid – Spania	15
TOTAL 1.3.		**240**

TOTAL PUNCTAJ ACTIVITATE DIDACTICĂ/PROFESIONALĂ (A1)

Secţiune	**Punctaj realizat**	**Condiţii minimale cerute pentru abilitare categoria Profesor** Ordinul MECTS 6560/2012 Ordinul MECTS 4204/2013 Comisia nr. 14 Ingineria Resurselor Vegetale şi Animale Domeniul: Ingineria Produselor Alimentare
1.1. Cărţi şi capitole în cărţi de specialitate	71,4	
1.2. Suport didactic	244,3	
1.3. Coordonare programe de studii, organizare şi coordonare programe de formare continuă şi proiecte educaţionale (POS, Socrates, Leonardo, ş.a.)	240	
TOTAL A1	**557,7**	**Minimum 100 puncte**

A2. ACTIVITATEA DE CERCETARE (Anexa A2)

***2.1. Articole în reviste cotate ISI Thomson Reuters şi în volume indexate ISI proceedings din domeniul Ingineria Produselor Alimentare*- Anexa A.2.1.**

Nr.	Articolul ISI	Factor de impact cf. WOS	kpi
2.1.1.	**Anca Mihaly Cozmuta**, Anca Peter, Camelia Nicula, Leonard Mihaly Cozmuta (2017). 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), 3-20. http:// onlinelibrary.wiley.com/doi/10.1002/pts.2269/abstract; doi: 10.1002/ pts. 2269	1,292	25,4
2.1.2	**Anca Mihaly Cozmuta**, Leonard Mihaly Cozmuta, Anca Peter, Camelia Nicula, Zorica Vosgan, Liviu Giurgiulescu, Adriana Vulpoi, Monica Baia (2016). Effect of monochromatic Far-Red light on physical-nutritional-microbiological attributes of red tomatoes during storage. *Scientia Horticulturae*, 211, 220–230; http://www.sciencedirect.com/science/ article / pii/S0304423816304307; doi.org/10.1016/j.scienta.2016.08.031	1,538 Zonă roşie	13,9
2.1.3	Anca Peter, Leonard Mihaly Cozmuta, **Anca Mihaly-Cozmuta**, Camelia Nicula, Wanda Ziemkowska, Dariusz Basiak, Virginia Danciu, Adriana Vulpoi, Lucian Baia, Anca Falup, Grigore Craciun, Alexandru Ciric, Mihaela Begea, Claudia Kiss, Daniela Vatuiu (2016). 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(A),790–798.http:/ /www. sciencedirect. com/ science /article/pii/S030881 461530193X; doi: 10.1016/j.foodchem. 2015.11.048.	4,052 Zonă roşie	7,0
2.1.4	**Anca Mihaly Cozmuta**, Alin Turila, Robert Apjok, Alexandra Ciocian, Leonard Mihaly Cozmuta, Anca Peter, Camelia Nicula, Nives Galić, Tomislav Benković (2015). Preparation and characterization of improved gelatin films incorporating hemp and sage oils. *Food Hydrocolloids*, 49, 144–155;http://www.sciencedirect.com/science/article/pii/S0268 005X15001 356; doi: 10.1016/j.foodhyd.2015.03.022	3,858 Zonă roşie	22,7
2.1.5	**Anca Mihaly Cozmuta**, Anca Peter, Leonard Mihaly Cozmuta, Camelia Nicula, Liliana Crisan, Lucian Baia, Alin Turila (2015). 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(4), 271-284. http://onlinelibrary. wiley. com /doi /10.1002/ pts.2103/abstract; doi:10.100 2/pts.2103.	1,292 Zonă galbenă	14,5
2.1.6	Apan Rodica, **Anca Mihaly Cozmuta**, Anca Peter, Camelia Nicula, Leonard Mihaly Cozmuta (2014). Nano-food packaging: from efficiency in the conservation of food to legal consumer protection. *Amfiteatru Economic*, XVI(36),483-500. http://www. amfiteatrueconomic. Ro/ temp /Article_1286. pdf.	0,564 Zonă galbenă	7,2
2.1.7	Anca Peter, Leonard Mihaly-Cozmuta, **Anca Mihaly-Cozmuta**, Camelia Nicula, Emil Indrea, Lucian Barbu-Tudoran (2014). Testing the preservation activity of Ag-TiO_2-Fe and TiO_2 composites included in the polyethylene during orange juice storage. *Journal of Food Process Engineering*, 37(6), 596-608. http://onlinelibrary. wiley. com/doi /10.1111 /jfpe.12116/abstract; doi: 10.1111 / jfpe. 12116.	0,675	6,4

2.1.8.	A. Peter, L. Mihaly-Cozmuta, **A. Mihaly-Cozmuta**, C. Nicula, E. Indrea, H. Tutu (2012). Calcium and ammonium ion-modification of zeolit amendments affects the metal-uptake of *Hieracium piloselloides* on a dose-dependent way. *Journal of Environmental Monitoring*, 14, 2807-2814. http://pubs.rsc.org / content/articlelanding/ 2012/ em/c2em30301a# !div Abstract; DOI:10.1039/c2e m30301a.	2,085	11,1
2.1.9	**Anca Mihaly Cozmuta**, Laura Bretan, Leonard Mihaly Cozmuta, Camelia Nicula, Anca Peter (2012). Lead traceability along soil-melliferous flora-bee family-apiary products chain. *Journal of Environmental Monitoring*, 14(6), 1622-1630; https://www.ncbi. nlm.nih.gov/pubmed/22566009; doi:10.1039/c 2em30084b.	2,085 Zonă galbenă	26,6
2.1.10	Anca Peter, Camelia Nicula, **Anca Mihaly Cozmuta**, Leonard Mihaly Cozmuta (2012). Chemical and sensory changes of different dairy products during storage in packages containing nano-crystallized TiO_2. *International Journal of Food Science and Technology*, 47(7), 1448–1456. http:// onlinelibrary.wiley.com/doi/10.1111/j.1365-2621. 2012. 02992.x/full;doi:10.11 11/j.1365-2621. 2012. 02992.x.	1,240 Zonă galbenă	12,4
2.1.11	Viman, V., Morar, M., Vâtcă, G., **Mihaly-Cozmuţa, A.**, Mihaly-Cozmuţa, L. (2003). The pollution of forester and cultivated soils with heavy metals. *Revista de Chimie*, 54(2), 155-158.	0,291	6,1
Articole suport pentru direcţiile de cercetare: (i) prepararea, caracterizarea şi testarea ambalajelor alimentare orientate spre prepararea şi caracterizarea nanocompozitelor active folosite pentru obţinerea ambalajelor alimentare active (ii) trasabilitatea metalelor grele pe lanţul alimentar cu referire la monitorizarea conţinutului de metale grele din solurile cultivate			
2.1.12	Anca Peter, **Anca Mihaly-Cozmuta**, Camelia Nicula, Leonard Mihaly-Cozmuta, Agnieszka Jastrzębska, Andrzej Olszyna, Lucian Baia (2017). UV Light-Assisted Degradation Of Methyl Orange, Methylene Blue, Phenol, Salicylic Acid, And Rhodamine B: Photolysis Versus Photocatalyis. *Water, Air, & Soil Pollution*, 228, 41. https://apps.webofknowledge.com/ full _ record.do?product= WOS & search_mode=GeneralSearch&qid=5&SID=Y2eOve1Bpedhp QplMJd & page=1&doc=1; DOI: 10.1007/S11270-016-3226-Z	1,551	0
2.1.13	Anca Peter, **Anca Mihaly-Cozmuta**, Camelia Nicula, Leonard Mihaly-Cozmuta (2017). Assessment of TiO2 photoactivity on the lead removal: kinetic and mechanistic processing. *Water Science and Technology*, 75(8). http://wst.iwaponline.com/content/early/2017/03/02/wst.2017.133. DOI: 10. 2166wst.2017.133	1,064	0
2.1.14	Peter Anca, Mihaly-Cozmuta Leonard, **Mihaly-Cozmuta Anca**, Nicula Camelia, Cadar Calin, Jastrzebska Agnieszka, Kurtycz Patrycja, Olszyna Andrzej, Vulpoi Adriana, Danciu Virginia, Radu Teodora, Baia Lucian (2015). Silver functionalized titania-silica xerogels: Preparation, morpho-structural and photocatalytic properties, kinetic modeling. *Journal of Alloys and Compounds*, 648, 890-902. http://www.sciencedirect. com/ science/ article/ pii/ S092 58 388 15 30 4187; doi: 10. 1016 / j. jallcom. 2015.07.022.	3,014 Zonă galbenă	0
2.1.15	Peter Anca, Mihaly-Cozmuta Leonard, **Mihaly-Cozmuta Anca**, Nicula Camelia, Jastrzebska Agnieszka, Kurtycz Patrycja, Olszyna Andrzej (2015). Morphology, structure, and photoactivity of two types of graphene oxide-TiO_2 composites. *Chemical Papers*, 69(6), 839-855; http://www. chempap.org/ ?id=7&paper=8490; doi: 10.1515/chempap-2015-0088	1,326	0

2.1.16	Peter Anca, Mihaly-Cozmuta Leonard, **Mihaly-Cozmuta Anca**, Nicula Camelia, Tudoran Barbu, Baia Lucian (2014). Efficiency of Cu/TiO_2 to remove salicylic acid by photocatalytic decomposition: kinetic modelling. *Materials Technology*, 29(3), 129-133, http://www. tandfonline. Com / doi/pdf/ 10.1179 /1753555713Y. 0000000121; doi: 10.1179 / 175 35 55 713Y.0000000121.	1,227	0
2.1.17.	A. Peter, L. Mihaly-Cozmuta, **A. Mihaly-Cozmuta**, C. Nicula, L. Barbu Tudoran, A. Vulpoi, L. Baia (2014). 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. https://apps.webofknowledge.com/full_record.do?product=UA&search_ mode=GeneralSearch&qid=9&SID=X2hxiW4qrPbNE5zubFS&page=2& doc=11; DOI: 10.1111/ijac.12046	1,320	0
2.1.18.	L. Mihaly-Cozmuta, **A. Mihaly-Cozmuta**, A. Peter, C. Nicula, H. Tutu, D. Silipas, E. Indrea (2014) Adsorption of heavy metal cations by Na-clinoptilolite: Equilibrium and selectivity studies. *Journal of Environmental Management*,137, 69-80. https://apps.webofknowledge. com/ full_ record. do?product= UA&search_mode =GeneralSearch&qid = 9&SID =X2hxiW4qrPbNE5zubFS&page=1&doc=10; DOI: 10.1016/ j. jenvman.2014.02.007	2,723 Zonă roşie	0
2.1.19.	L. Mihaly Cozmuta, **A. Mihaly Cozmuta**, A. Peter**,** C. Nicula, E. Bakatula Nsimba and H. Tutu (2012). The influence of pH on the adsorption of lead by Na-clinoptilolite: Kinetic and equilibrium studies, *Water SA*, 38(2), 269-278. https://apps.webofknowledge. Com /full _ record.do?product =WOS &search_mode =GeneralSearch &qid =1&SID =Y2eOve1BpedhpQplMJd&page=2&doc=15;DOI:10.4314 /wsa.v38i2.13	0,876	0
2.1.20.	Peter, A.; Marian, M.; Nicula, C.; Mihaly-Cozmuta, L.; **Mihaly-Cozmuta, A**.; Indrea, E. (2011). The sorptive performance of microorganisms-zeolite systems to remove Cu2+, Zn2+, Cd2+, Fe2+ AND Pb2+. *Revue Roumaine de Chimie*, 56(9), 847-852. http://web.icf.ro/rrch/	0,418	0
2.1.21.	Cozmuta, LM; Varga, C; Marian, M; **Cozmuta, AM**; Hlanganani, T (2008). Applying artificial neural networks in the modelling of copper recovery process by ionic exchange in aqueous solutions. *Revista De Chimie*, 59(7), 766-772. https://apps.webofknowledge. com/full_record. do?product = WOS &search_mode= GeneralSearch&qid =6&SID = Z1EY8hPyNhWyFctompA&page=3&doc=27.	0,389	0
2.1.22.	L. Mihaly Cozmuta, T. Visan, **A. Mihaly Cozmuta** (2006). Energetically aspects regarding the adsorbtion of heavy metals on natural zeolites. The influence of pH on copper adsorbtion, *Revista de Chimie*, 57(11), 1130-1134. https://apps.webofknowledge.com/full_record.do ?product = WOS &search_mode=GeneralSearch&qid=5&SID=Y2eOve1BpedhpQplMJd& page=2&doc=20;	0,287	0
TOTAL 2.1.		**-**	**153,7**

***2.2. Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale* - Anexa A.2.2.**

Nr.	Articolul BDI	kpi
2.2.1	**Anca Mihaly Cozmuta**, Leonard Mihaly Cozmuta, Anca Peter, Camelia Nicula, Liliana Crisan, Adriana Vulpoi, Monica Baia (2016). The influence of far-red light on attributes of green bell pepper fruits (*Capsicum annuum* L.) during storage. *The Annals of the University Dunarea de Jos of Galati, Fascicle VI – Food Technology*, 40(2), 98-118; http://www.ann.ugal.ro/tpa/ft_2016_no_2.htm; Indexare: Thomson Reuters Master Journal List, SCOPUS.	4,2
2.2.2	**Anca Mihaly Cozmuta**, Leonard Mihaly Cozmuta, Anca Peter, Camelia Nicula, Liliana Crisan (2016). The comparative effects of far-red light and UV-C light on some physical-chemical-microbiological attributes in the red bell peppers **(***Capsicum annuum* L) during storage. *Analele Universitatii din Craiova*, XXI(LVIII), 321-330. Indexare: Zoological Record (by former ISI), Index Copernicus, CAB Abstracts (by CAB International), Open Academic Journals Index, Google Academic.	6,0
2.2.3	Peter Anca, Nicula Camelia, Kovacs Evelin, Mihaly Cozmuta Leonard, **Mihaly-Cozmuta Anca** (2016). Influence of lactic acid addition on color and chemical properties of fresh prepared orange juice. *Analele Universitatii din Craiova*, XXI(LVIII), 349-354. Indexare: Zoological Record (by former ISI), Index Copernicus, CAB Abstracts (by CAB International), Open Academic Journals Index, Google Academic.	3,0
2.2.4	**Anca Mihaly Cozmuta**, Leonard Mihaly Cozmuta, Anca Peter, Camelia Nicula (2016). The comparative effect of Far-Red light and UV-C light on some physical-chemical attributes in red bell peppers (*Capsicum annuum* L) during storage. *Analele Universităţii din Oradea, Fascicula Biologie*, XXIII(2), 72-78. http://www.bioresearch.ro/ bioresearch/2016-2/072-078-AUOFB.23. 2.2016. MIHALY-COZMUTA.A.-The. comparative. effect.pdf; Indexare: Thompson, CABI, EBSCO.	7,5
2.2.5	Florin D. Bora, Alina Donici, Cezara Voica, Teodor Rusu, Leonard M.Cozmuţa, **Anca Mihaly Cozmuţa,** Claudia Cimpoiu, Dan E. Mihăiescu (2016). The determination of $^{206}Pb/^{207}Pb$, $^{208}Pb/^{206}Pb$ and $^{87}Sr/^{86}Sr$ isotope rations by ICP-MS for fingerprinting the South-East Romanian wines. AAB Bioflux, 8(3), 129-142; http://www.aab.bioflux._com.ro; Indexare: CAB International;	1,8
2.2.6	Anca Peter, Dora Tegla, Liviu Giurgiulescu, **Anca Mihaly Cozmuta**, Camelia Nicula, Leonard Mihaly Cozmuta, Ioannis Vagelas (2015). Development of Ag/TiO_2-coated food packaging film and its role in preservation of green lettuce during storage. *Carpathian Journal of Food Science and Technology*, 7(4), 88-96. http://chimie-biologie.ubm.ro/carpathian_journal/Vol_7(4)_2015.pdf; Indexare: Web of Science, SCOPUS.	2,1
2.2.7	Florin-Dumitru Bora, Tiberia Ioana Pop, Claudiu-Ioan Bunea, Delia-Elena Urcan, Anca Babes, Leonard Mihaly-Cozmuta, **Anca Mihaly-Cozmuta**, Nastasia Pop (2014). Influence of ecoclimatic and ecopedological conditions on quality of white wine grape varieties from North-West of Romania. *Bulletin UASVM Horticulture*, 71(2), 218-225. http://journals.usamvcluj. ro/index.php /horticulture/ article/view/10545/8880; Indexare: Agricola, Thompson Reuters Master Journal List (Zoological Records).	1,8
2.2.8	Camelia Nicula, Anca Peter, Leonard Mihaly-Cozmuta, **Anca Mihaly-Cozmuta** (2013). The uptake of heavy metals in *Phaseolus vulgaris* and *Zea mays* seeds harvested from polluted and unpolluted areas. *Carpathian Journal of Food Science and Technology*, 5(1-2), 1-8. http://chimie-biologie.ubm.ro/ carpathian _ journal/Vol%205(1-2) %202013. pdf; Indexare:Web of Science, SCOPUS.	3,7

2.2.9	Anca Peter, **Anca Mihaly-Cozmuta**, Leonard Mihaly-Cozmuta, Camelia Nicula (2013). Nanosensor based on TiO_2 for detection of oxygen in damaged vacuum packages. *Carpathian Journal of Food Science and Technology,* 5(1-2), 9-12. http://chimie-biologie.ubm.ro/carpathian_journal/Vol%205(1-2) % 202013. pdf; Indexare:Web of Science, SCOPUS.	3,7
2.2.10	Anca Peter, Loredana Roatis, Camelia Nicula, **Anca Mihaly-Cozmuta**, Leonard Mihaly-Cozmuta (2012). Combined use of paper or LDPE and natural extracts from Satureja hortensis and *Allium sativum* for the preservation of the summer salame. *Carpathian Journal of Food Science and Technology*, 4(2), 18-27. http://chimie-biologie.ubm.ro/ carpathian_journal/ Vol%204(2) %202012. pdf; Indexare:Web of Science, SCOPUS.	3,0
2.2.11	Camelia Nicula, Dora Lungu, Anca Peter, **Anca Mihaly-Cozmuta**, Leonard Mihaly-Cozmuta (2012). Curd cheese storaged in modified packaging with extract of garlic and thyme: variation of some physico-chemical parameters. *Carpathian Journal of Food Science and Technology*, 4(2), 1-8. http://chimie-biologie.ubm.ro/ carpathian_journal/Vol%204(2)%202012.pdf; Indexare:Web of Science, SCOPUS.	3,0
2.2.12	Camelia Nicula, Anca Peter, Leonard Mihaly-Cozmuta, **Anca Mihaly-Cozmuta**, Emil Indrea, Virginia Danciu (2011). The influence of the type and concentration of amendments on the growth dynamics of *Phaseolus vulgaris* L.. *Analele Universitatii din Oradea, Fascicula Biologie*, XVIII(2), 111-119; http:// www. bioresearch.ro/ bioresearch /2011-2/111-119-AUOFB.18.2.2011%20-%20 NICULA%20C.%20-%20N.U.Baia-Mare. Ro.%20-%20The%20influence %20 of %20the%20type.pdf; Indexare: Thompson, CABI .	2,5
2.2.13	Anca Peter, Leonard Mihaly Cozmuta, **Anca Mihaly Cozmuta**, Camelia Nicula (2011). The role of natural zeolite and of zeolite modified with ammnonium ions to reduce the uptake of lead, zinc, copper and iron ions in *Hieracium aurantium and Rumex acetosella* grown on tailing ponds. Analele Universităţii din Oradea - Fascicula Biologie. XVIII(2), 128-135. http://www. bioresearch.ro / bioresearch /2011-2/128-135-AUOFB. 18.2.2011 %20-%20 PETER %20 A.%20-% 20N. U. Baia-Mare.Ro.%20-%20The% 20 role % 20 of % 20 natural %20zeolite.pdf	3,7
2.2.14	Anca Peter, Camelia Nicula, Anca Mihaly-Cozmuta, Leonard Mihaly-Cozmuta, Emil Indrea, Virginia Danciu, Hlanganani Tutu, Elysee Bakatula Nsimba (2011). Efficiency of amendments based on zeolite and bentonite in reducing the accumulation of heavy metals in tomato organs *(Lycopersicum esculentum)* grown in polluted soils. *African Journal of Agricultural Research*, 6(21), 5010-5023; http://www. academicjournals. org/ article/ article1380902518 _Peter % 20 et % 20al.pdf; doi:10.5897/AJAR11.1241; Indexare: Google Scholar, EVISA, DOAJ, CAB.	1,8
2.2.15	Camelia Nicula, Monica Marian, Leonard Mihaly Cozmuta, Anca Peter, **Anca Mihaly Cozmuta** (2010). Adaptative mechanisms of *Phaseolus vulgaris* and *Zea mays* seeds grown in agrocenosis prone to pollution with heavy metals. *Analele Universitatii din Oradea, Fascicula Biologie*, XVII/1,152-157. http:// www. bioresearch.ro/bioresearch /2010-1.html; Indexare: Thompson, CABI.	3,0
2.2.16	Sugar Ioan Radu**, Mihaly Cozmuta Anca**, Macavei Radu (2010). Study on the use of ultrasound for washing and cleaning in food industry. *Journals of EcoAgriTourism*, 6(4) 45-48. https://www. cabdirect.org/ cabdirect/ abstract/ 20113032418.Indexare:CAB Abstract, Global Health.	5,0
2.2.17	Anca Peter, Denisa Bregnya, Leonard Mihaly-Cozmuta, **Anca Mihaly Cozmuta**, Camelia Nicula (2010). Use of TiO_2 photocatalyst as alternative means for the cottage cheese preservation. *Carpathian Journal of Food Science and Technology,* 2(2), 50-58. http://chimie-biologie.ubm.ro/ carpathian_ journal/ Vol	3,0

	%202(2)%202010.pdf; Indexare: Web of Science, SCOPUS.	
2.2.18	Andra Pop, **Anca Mihaly Cozmuta** (2009). Technological aspects related to obtaining of gluten-free bread. *Carpathian Journal of Food Science and Technology*, 1(1), 7-16. http://chimie-biologie.ubm.ro/ Carpathian_ journal/ Vol.%201(1)%202009[1].pdf;Indexare: Web of Science, SCOPUS.	7,5
2.2.19	Niculina Bodea, Laura Bretan, **Anca Mihaly Cozmuta** (2009). Monitoring of honey`s some quality parameters. *Carpathian Journal of Food Science and Technology*, 1(1), 61-70.http://chimie-biologie.ubm.ro/ Carpathian _ journal / Vol.%201(1)%202009[1].pdf; Indexare: Web of Science, SCOPUS.	5,0
Articole BDI conectate cu industria alimentară – monitorizarea nivelului de metale grele din solurile agricole din jurul iazurilor de decantare		
2.2.20	**A. Mihaly Cozmuta**, L. Mihaly Cozmuta, V. Viman, Gh. Vatca, C. Varga (2005). Spectrometric methods used to determine heavy metals and total cyanides in accidental polluted soils. *American Journal of Applied Sciences*, 2(1), 358-362; http://thescipub.com/PDF/ajassp.2005.358.362.pdf; Indexare: DOAJ, INSPEC, ProQuest, Ulrich, CAS, WAD, Textile Abstract, PTA, ASA, Genamics. Thompson Gale, Thompson ISI, SCOPUS.	0
2.2.21	V. Viman, **A. Mihaly Cozmuta**, L. Mihaly Cozmuta, M. Dobra, Gh. Vatca (2005). Spectrometric methods used for determination of heavy metals in polluted soils. *Inductively Coupled Plasma Discharges for Spectrochemical Analysis – ICP Information Newsletter-USA*, 29, 250-251; Indexare: The Smithsonian / NASA Astrophysics Data System, Analytical Abstracts, Russian Chemical Abstracts Journal.	0
TOTAL 2.2.		**71,7**

2.3. Proprietate intelectuală, brevete de invenţie, tehnologii şi produse omologate (soiuri, hibrizi, rase, etc) **- Anexa A.2.3.**

2.3.1. Internationale

Nr.	Brevet	kpi
1	A. Peter, C. Nicula, **A. Mihaly Cozmuta**, L. Mihaly Cozmuta and other 23 inventors, ***Process for obtaining nanocomposite food packages*** - 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 Cluj, ICA R&D, L&G Consulting, Warsaw University of Technology Poland – patent EPO	**1,4**
	Total 2.3.1.	**1,4**

2.3.2. Nationale

Nr.	Brevet	kpi
1	A. Peter**,** C. Nicula, **A. Mihaly Cozmuta**, L. Mihaly Cozmuta si alti 23 inventatori, *Procedee de obtinere a unor ambalaje alimentare inteligente*, - nr. inregistrare 2015 00256 din 8.04.2015 la OSIM Romania, solicitanti: Technical University of Cluj, Babes-Bolyai University of Cluj Napoca, ICA R&D, L&G Consulting, Warsaw University of Technology Poland - ***sub evaluare la OSIM***.	**0**
Total 2.3.2.		**0**
TOTAL 2.3.		**1,4**

2.4. Granturi/proiecte câştigate prin competiţie inclusiv proiecte de cercetare/consultanţă (valoare de minim 10 000 Euro echivalenţi) - Anexa A.2.4.

2.4.1. Director/ responsabil

2.4.1.1. Internaţionale

Nr.	Granturi/Proiecte Internaţionale	kpi
2.4.1.1.1.	**Titlul proiectului:** *HIGH QUALITY FOOD CHAIN 4 EUROPE – FOODCHAINS4EU* **Durata:** 2017-2022 **Responsabil UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa** **Membri UTCN-CUNBM:** Conf.dr. Anca Peter, Conf.dr. Camelia Nicula, Conf. dr. Leonard Mihaly Cozmuţa **Sursa de finanţare**: UE prin programul INTERREG IV **Structură consorţiu:** Provincia Flevoland (Olanda-coordonator); Fundatia AERES GROUP UAS (Olanda); Fundatia Euro Perspectives (Bulgaria); Universitatea de Tehnologie Alimentara Plovdiv (Bulgaria); Universitatea Catolica del Sacro Cuore Milano (Italia); Regiunea Emilia Romagna – Directoratul General pentru Agricultura, Vanatoare şi Pescuit Italia; Consiliul Judeţean Maramureş Romania, Universitatea Tehnică din Cluj Napoca, Centrul Universitar Nord din Baia Mare, Consiliul Metropolitan Meldham Marea Britanie, Universitatea Metropolitana Manchester Marea Britanie. **Buget:** 1.556.512 euro **Rol UTCN-CUNBM:** Contribuţii la îmbunătăţirea calităţii lanţurilor alimentare din regiunile implicate în proiect.	100
2.4.1.1.2.	**Titlul proiectului:** *Aplicarea integrată a bazelor de date pentru adaptarea şi restructurarea factorilor naturali şi artificiali de protecţia mediului în ferme agro-zootehnice - AIBD* **Durata:** 2005-2008 **Responsabil proiect UNBM: Prof. dr. Anca Mihaly Cozmuţa** **Membri UNBM:** Conf.dr. Camelia Nicula, Conf. dr. Leonard Mihaly Cozmuţa, Şef lucrări dr. Anca Peter, etc. **Sursa de finanţare**: Ministerul Educaţiei în cadrul Programului CALIST (PNCDI 2) **Structură consorţiului:** USAMV Cluj Napoca (coordonator), Universitatea de Nord Baia Mare, Universitatea Gent-Belgia, Academia de Ştiinţe Republica Moldova – Institutul de Zoologie **Buget UNBM:** 100.000 RON **Rol UNBM**: Identificare ferme de bovine din judeţul MM, monitorizarea factorilor de mediu (temperatură, luminozitate, curenţi de aer, nivel de NH_3 în apă şi aer), analiza fizico-chimică-microbiologică a furajelor folosite in acestea, analiza fizico-chimică-microbiologică a laptelui recoltat din aceste ferme.	60
	Total 2.4.1.1.	**160**

2.4.1.2. Naţionale

Nr.	Granturi/Proiecte Naţionale	kpi
2.4.1.2.1.	**Titlul proiectului:***Elaborarea hărţilor de hazard şi evaluarea calităţii mediului în arealele miniere din judeţele Maramureş şi Satu Mare utilizând sistemele informaţionale geografice – SIG* **Durata:** 2005-2008 **Responsabil proiect UNBM: Prof.dr. Anca Mihaly Cozmuţa** **Membri UNBM**: Conf.dr. Camelia Nicula, Şef lucrări dr. Anca Peter,	30

	Conf.dr.ing. Leonard Mihaly Cozmuţa; **Sursa de finanţare**: CNCSIS **Structură consorţiu:** Institutul de Geografie al Academiei Romane (coordonator), Institutul de Instrumentaţie Analitică Cluj Napoca, Geoproiect Bucuresti, Universitatea de Nord Baia Mare, Facultatea de Ştiinţa Mediului Cluj Napoca; **Buget UNBM:** 179.860 RON **Rol UNBM:** Identificarea iazurilor de decantare în funcţiune şi în conservare din judeţul MM, monitorizarea calităţii solului şi apelor din acestea, monitorizarea conţinutului de metale grele din solurile agricole care înconjoară iazurile de decantare şi din legumele/fructele cultivate pe acestea; trasabilitatea metalelor grele pe lanţul sol-legume/fructe.	
Total 2.4.1.2.		**30**
Total 2.4.1.		**190**

2.4.2. Membru în echipă

2.4.2.1. Internaţionale

Nr.	Granturi/Proiecte Internaţionale	kpi
2.4.2.1.1.	**Titlul proiectului:** Active GRAphene based FOOD packaging systems for a modern society GRAFOOD – *acceptat pentru finanţare* ***https://m-era.net/joint-calls/joint-call-2016/list-of-funded-projects-2016.pdf*** **Durata:** 2017-2020 **Coordonator consorţiu:** Conf.dr. Anca Peter, UTCN-CUNBM **Membri UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa**, Conf.dr. Camelia Nicula, Conf.dr.ing. Leonard Mihaly Cozmuţa **Sursa de finanţare:** MNT-ERANET Program 2016 **Structură consorţiu:** CEPROHART – Romania, University of Camerino – Italia, Synbiotec - Italia, National Institute of Chemistry - Slovenia, Andaltec - Spania **Buget:** 762634 euro **Rol UTCN-CUNBM**: management, caracterizarea fizică-chimică-microbiologică a ambalajelor de carne şi brânză aflate în uz; evaluarea eficientei ambalajului nou in prelungirea duratei de viata a cărnii şi brânzei; studiu de marketing privitor la percepţia consumatorilor asupra ambalajelor; diseminare rezultate.	12
2.4.2.1.2.	**Titlul proiectului:** *Smart functions of packages containing nano-structured materials in food* preservation – *SMARTPACK* ***http://chimie-biologie.ubm.ro/smartpack/index.html*** **Durata:** 2012-2015 **Coordonator consorţiu:** Conf.dr. Anca Peter, UTCN-CUNBM **Membri UTCN-CUNBM: Prof.dr.ing. Anca Mihaly Cozmuţa**, Conf.dr. Camelia Nicula, Conf.dr.ing. Leonard Mihaly Cozmuţa **Sursa de finanţare:** MNT-ERANET Program **Structură consorţiu:** Universitatea Tehnică din Cluj Napoca- Centrul Universitar Nord din Baia Mare (coordonator), ICA-Bucuresti, Universitatea Babeş Bolyai Cluj Napoca, SC Someş Dej, Warsow University – Poland. **Buget:** 530.000 euro **Rol UTCN-CUNBM**: Obţinerea şi caracterizarea agenţilor activi folosiţi pentru prepararea ambalajele alimentare active pe bază de hârtie şi plastic, obţinerea ambalajelor active din plastic, testarea eficienţei ambalajelor active pe produse alimentare.	12

2.4.2.1.3.	Title of the proposal: ***STRUCTural and PHOtochemical investigations of a nanosized composite as active component of paper based PACKage designed for food applications (STRUCT-PHO-PACK);*** 4517-3-16/18; 01-3-1115-2014/2018 **Durata:** 2017-2018 **Coordonator**: Conf.dr. Anca Peter, UTCN-CUNBM **Membri:** Prof.dr. Anca Mihaly Cozmuţa, Conf.dr. Camelia Nicula; Conf.dr. Leonard Mihaly Cozmuţa; **Sursa de finanţare**: Cooperation Protocols of the applicant institution in Romania with JINR, or Cooperation Agreement with JINR for a Scientific Programme **Parteneri:** Universitatea Tehnica Cluj Napoca Romania, Joint Institute for Nuclear Research Dubna Rusia **Buget:** 20000 dolari **Rol UTCN-CUNBM:** Preparare ambalajelor active din hârtie; testarea eficienţei ambalajelor active în conservarea alimentelor;	8
2.4.2.1.4.	**Titlul proiectului:** *Investigation of the Risk of Cyanide in Gold Leaching on Health an Environment in Central Asia and Central Europe, IRCYL ICA 2-CT-2000-10065–IRCYL* ***http://cordis.europa.eu/project/rcn/52429_en.html*** **Durata:** 2000-2003 **Director de proiect UNBM:** Prof.dr. Viman Vasile **Membri UNBM:** Şef lucrări dr. Anca Mihaly Cozmuţa (responsabil stiintific); Şef lucrări dr. Leonard Mihaly Cozmuţa, Şef lucrări dr. Gheorghe Vâtcă; Conf.dr. Ioan Străuţ, Şef lucrări dr. Mariana Morar; **Sursa de finanţare**: UE cadrul in FP 5 **Structură consorţiu:** IC Consultants Ltd Uk (coordonator), Universitatea de Nord Baia Mare Romania, Medical Institute for Environmental Hygiene Germany; InfoMine Rusia; Kyrgyz Research Institute of Oncology and Radiolgy Kyrgyzstan; Kyrgyz Scientific Center of Haematology Kyrgyzstan; Institute for Regional Studies Kyrgyzstan; Pshysico-Chemical Methods Analysis Center Almaty Kazahstan; University Babes Bolyai Cluj Napoca Romania; Institute of Public Hygiene Cluj Napoca Romania; Institute of Analytical Instrumentation and Environmental Analyses Cluj Napoca Romania; Mining Consortium Research and Companies Deva Romania. **Buget:** 881.316 euro **Rol UNBM**: evaluarea gradului de poluare a solurilor cu metale grele şi cianuri din satele adiacente Iazului de Decantare Transgold-Bozânta consecutiv accidentului din 2000; analiza fizico-chimică a probelor de legume/fructe prelevate din aceste soluri si stabilirea trasabilitatii metalelor grele pe lantul sol-alimente; intervievarea locuitorilor din sate cu privire la accident şi consecinţele acestuia.	12
	Total 2.4.2.1.	**44**

2.4.2.2. Naţionale

Nr.	Grant/Proiect Naţional	kpi
2.4.2.2.1.	**Titlul***: Bioacumularea metalelor grele în lanţul sol-legume-om-BIOMEG* **http://chimie-biologie.ubm.ro/biomeg/project.html** **Durata:** 2008-2011 **Coordonator consorţiu:** Conf.dr. Camelia Nicula – Universitatea de Nord Baia Mare; **Membri UNBM**: **Prof.dr. ing. Anca Mihaly Cozmuţa**, Conf. dr. Leonard	6

	Mihaly Cozmuţa, Şef lucrări dr. Anca Peter, etc. **Sursa de finanţare:** CNMP în cadrul PNCDI 2 **Structură consorţiu:** Universitatea de Nord Baia Mare (coordonator), Universitatea din Oradea, Staţiunea de Cercetări Agricole Livada Satu Mare, Facultatea de Medicină- Universitatea Transilvania Braşov. **Budget:** 1.900.000 RON **Rol UNBM:** Monitorizarea trasabilităţii metalelor grele pe lanţul: sol agricol – legume-om cu referire la satele adiacente iazului de decantare Bozânta – Maramureş.	
2.4.2.2.2.	**Titlu:** *Reabilitarea iazurilor de decantare prin aplicare de amendamente si cultivarea unor specii vegetale cu adaptabilitate ridicata la continutul de metale grele - RIVAM* **Durata:** 2008-2011 **Coordonator consorţiu**: sef lucrari dr. Leonard Mihaly Cozmuta- Universitatea de Nord Baia Mare **Membri UNBM:** Conf.dr. Camelia Varga (Nicula), **Prof. dr.Anca Mihaly Cozmuta**, Conf.dr. Monica Marian, Sef lucrari dr. Anca Peter, etc. **Sursa de finantare:** CNMP (PNCD 2) **Structura consorţiu:** Universitatea de Nord Baia Mare, Universitatea din Oradea, Statiunea de Cercetari Agricole Livada Satu Mare **Buge**t: 1.900.000 RON	6
2.4.2.2.3.	**Titlu:** *Monitorizarea actiunii microbiotei solului in vederea utilizarii ei in reabilitarea ecologica a iazurilor de decantare – AMSREI;* Contract nr.: 31010/2007 **Durata:** 2007-2010 **Coordonator consorţiu:** sef lucrari dr. Monica Marian - Universitatea de Nord Baia Mare **Membri:** Conf.dr. Camelia Varga (Nicula), Conf.dr. Leonard Mihaly Cozmuta, Prof. Dr. **Anca Mihaly Cozmuta**, Sef lucrari dr. Anca Peter, etc. **Sursa de finantare:** CNMP (PNCD 2) **Parteneri:** Universitatea de Nord Baia Mare, Universitatea din Oradea, Statiunea de Cercetari Agricole Livada Satu Mare **Buge**t: 1.300.000 RON	6
2.4.2.2.4.	**Titlul proiectului:** *Conexiuni la reţeaua europeană de excelenţă în domeniul problemelor de mediu – CONEEX* **Durata:** 2005-2007 **Director UBM:** Prof.dr.Vasile Viman **Membri: Conf.dr. Anca Mihaly Cozmuţa; Şef lucrări dr.** Leonard Mihaly Cozmuta, Conf.dr. Camelia Varga, Şef lucrări dr. Anca Peter,.etc. **Sursa de finanţare***:* CNCSIS în cadrul programului Parteneriate **Parteneri**: Institutul Naţional de Optoelectronică – INOE Bucureşti (coordonator), Institutul de Instrumentaţie Analitică -ICIA-CENTI Cluj Napoca; Universitatea de Nord Baia Mare – Romania **Buget:** 100.000 RON pentru UBM **Rol UNBM:** Evaluarea impactului poluării mediului cu metale grele asupra compartimentelor: apă, aer, sol, alimente.	6
Total 2.4.2.2.		**24**
Total 2.4.2.		**68**
TOTAL 2.4.		**258**

TOTAL PUNCTAJ ACTIVITATEA DE CERCETARE (A2)

Secţiune	Punctaj realizat	Condiţii minimale cerute pentru abilitare categoria Profesor Ordinul MECTS 6560/2012 Ordinul MECTS 4204/2013 Comisia nr. 14 Ingineria Resurselor Vegetale şi Animale Domeniul: Ingineria Produselor Alimentare
2.1. Articole în extenso în reviste cotate ISI Thompson Reuters şi în volume indexate ISI proceedings	153,7	
2.2. Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale	71,7	
2.3. Proprietate intelectuală, brevete de invenţie, tehnologii şi produse omologate (soiuri, hibrizi, rase, etc)	1,4	
2.4. Granturi/proiecte câştigate prin competiţie inclusiv proiecte de cercetare /consultanţă	258	
TOTAL A2	**484,8**	**Minimum 260 puncte**

A3. RECUNOAŞTERE ŞI IMPACTUL ACTIVITĂŢII (Anexa A3)

3.1 Citări în reviste ISI şi BDI

3.1.1. Citari în reviste ISI

Articolele citate Articolele ISI în care au fost citate		kpi
Anca Peter, Leonard Mihaly Cozmuta, **Anca Mihaly-Cozmuta**, Camelia Nicula, Wanda Ziemkowska, Dariusz Basiak, Virginia Danciu, Adriana Vulpoi, Lucian Baia, Anca Falup, Grigore Craciun, Alexandru Ciric, Mihaela Begea, Claudia Kiss, Daniela Vatuiu (2016). 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(A),790–798. http://www.sciencedirect.com/science/article/pii/S030881 461 53 0193X; doi: 10.1016/j.foodchem. 2015.11.048.		
1	Hu, ZJ ; Tang, CX; He, ZB; Lin, J; Ni, YH (2017). 1-Methylcyclopropene (MCP)-Containing Cellulose Paper Packaging for Fresh Fruit and Vegetable Preservation: A Review. *Bioresources*, 12(1), 2234-2248. doi:10.15376/biores.12.1.2234-2248	1,33
2	Mehrez E. El-Naggar, Ahmed G. Hassabo, Amina L. Mohamed , Tharwat I. Shaheen (2017). Surface modification of SiO_2 coated ZnO nanoparticles for multifunctional cotton fabrics. *Journal of Colloid and Interface Science*, 498, 413–422. https://doi.org/ 10.1016 / j. jcis. 2017. 03.080	
3	Yan-Yan Dong, Shan Liu, Yan-Jun Liu, Ling-Yan Meng, Ming-Guo Ma (2017). Ag@Fe3O4 @cellulose nanocrystals nanocomposites: microwave-assisted hydrothermal synthesis, antimicrobial properties, and good adsorption of dye solution. Journal of Materials Sciences, 52, 8219–8230, doi:10.1007/s10853-017-1038-1	
Anca Mihaly Cozmuta, Anca Peter, Leonard Mihaly Cozmuta, Camelia Nicula, Liliana Crisan, Lucian Baia, Alin Turila (2015). 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(4), 271-284. http://onlinelibrary.wiley.com/doi/10.1002/pts. 2103/abstract; doi:10.100 2 /pts.2103.		
4	Licciardello, F, Giannone, V, Del Nobile, MA, Muratore, G, Summo, C, Giarnetti, M, Caponio, F, Paradiso, VM, Pasqualone, A (2017). Shelf life assessment of industrial durum wheat bread as a function of packaging system. *Food Chemistry*, 224(1), 181–190. https://doi.org/10.1016/j.foodchem.2016.12.080	7,14
5	Yves Wyser, Michael Adams, Maurizio Avella, David Carlander, Leonor Garcia, Gabriele Pieper, Monique Rennen, jeroen Schuermans (2016). Outlook and Challenges of Nanotechnologies for Food Packaging. *Packaging Technology and Science*, 29(12), 615-648; doi: 10.1002/pts.2221	
6	Bettina Rocker, Nadine Ruegg, Alexia N. Gloss, Chahan Yeretzian, Selcuk Yildirim (2016). Inactivation of Palladium-based Oxygen Scavenger System by Volatile Sulfur Compounds Present in the Headspace of Packaged Food. *Packaging Technology and Science*, early view; http://onlinelibrary.wiley.com/doi/10.1002/pts.2220/full.	
7	Ramos, M, Fortunati, E, Peltzer, M, Jimenez, A, Kenny, JM, Garrigós, MC (2016). Characterization and disintegrability under composting conditions of PLA-based nanocomposite films with thymol and silver nanoparticles. *Polymer Degradation and Stability*, 132, 2-10. https://doi.org/10.1016/j.polymdegradstab.2016.05.015	
8	Qi Sheng, Xiao-Na Guo, Ke-Xue Zhu (2015). The Effect of Active Packaging on Microbial Stability and Quality of Chinese Steamed Bread. *Packaging Technology and Science*, 28(9), 775-787. doi: 10.1002/pts.2138	
Anca Mihaly Cozmuta, Alin Turila, Robert Apjok, Alexandra Ciocian, Leonard Mihaly Cozmuta, Anca Peter, Camelia Nicula, Nives Galić, Tomislav Benković (2015). Preparation and characterization of improved gelatin films incorporating hemp and sage oils. *Food Hydrocolloids*, 49, 144–155. https://doi.		

org/ 10. 1016/ j.foodhyd.2015.03.022		
9	Vodnar, DC, Pop, OL, Dulf, FV, Socaciu, C (2015). Antimicrobial efficiency of edible films in food industry. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 43(2), 302-312. http://dx.doi.org/10.15835/nbha43210048	1,11
Peter Anca, Mihaly-Cozmuta Leonard, **Mihaly-Cozmuta Anca**, Nicula Camelia, Jastrzebska Agnieszka, Kurtycz Patrycja, Olszyna Andrzej (2015). Morphology, structure, and photoactivity of two types of graphene oxide-TiO_2 composites. *Chemical Papers*, 69(6), 839-855. doi:10.1515/chempap-2015-0088		
10	Jastrzebska, AM; Jureczko, J; Karcz, J; Kunicki, A; Ziemkowska, W; Olszyna, A. (2016). Controlled synthesis of graphene oxide/alumina nanocomposites using a new dry sol-gel method of synthesis. *Chemical Papers*, 71(3), 579-595. doi:10.1007/s11696-016-0040-4	7,14
11	Jastrzebska, AM; Karcz, J; Letmanowski, R; Zabost, D; Ciecierska, E; Siekierski, M; Olszyna, A. (2016). Synthesis of RGO/TiO2 nanocomposite flakes and characterization of their unique electrostatic properties using zeta potential measurements. *Journal of Alloys and Compounds*, 679, 470-484. https://doi.org/10.1016/j.jallcom.2016.04.043	
12	Jastrzebska, AM; Karcz, J; Karwowska, E; Fiedorczuk, A; Olszyna, A. Synthesis and bioactivity of reduced graphene oxide/alumina-noble metal nanocomposite flakes. *International Journal of Applied Ceramic Technology*, 13(5), 856-870. doi: 10.1111/ijac.12555	
13	Dai, B., Tao, H., Lin, Y.-J., Chang, C.-T. (2016). Study of various nanostructures titania with graphene composites: The preparation and photocatalytic activities. Nano, 11(9), 1650106. DOI: 10.1142 / S1 79329201650106X	
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35	**TOTAL 3.1.2.**	**31,3**

3.2. Prezentări invitate în plenul unor manifestări ştiinţifice naţionale şi internaţionale şi Profesor invitat (exclusiv ERASMUS) – Anexa A.3.2.

3.2.1. Profesor invitat – instituţii internaţionale

Nr.	Universitatea gazdă	Kpi
3.2.1.1.	Universitatea of Witswatersrand Johannesburg, School of Chemistry, South Africa; 1.08.2009 - 25.08.2009	10
3.2.1.2.	Department of Environmental Chemistry & Ecoanalytics of Nicolaus Copernicus University of Torun – Polonia; 15.10.2005 – 30.11.2005	10
TOTAL 3.2.1		**20**

3.3.2. Profesor invitat – instituţii naţionale -

3.3. Membru în colectivele de redacţie sau comitete ştiinţifice al revistelor şi manifestărilor ştiinţifice, organizator de manifestări ştiinţifice, recenyor pentru reviste şi manifestări stiinţifice naţionale şi internaţionale

3.3.1. Recenzor reviste ISI – Anexa A.3.3.

Nr.	Revista ISI	k_{pi}
3.3.1.1.	Sciencia Horticulturae, 2017	15
3.3.1.2.	Packaging Technology and Science-2016, 2014	15
3.3.1.3.	Journal of Food Science – 2015	15
3.3.1.4.	Food Research International – 2014, 2013	15
3.3.1.5.	International Journal of Food Science – 2012	15
TOTAL 3.5		**75**

3.3.2. Reviste BDI

Nr.	Jurnalul BDI	k_{pi}
Editor		
3.3.2.1.	Editor executiv - Carpathian Journal of Food Science and Technology (http://chimie-biologie.ubm.ro /carpathian_ journal/editors. html)	10
3.3.2.2.	Journal of Veterinary Medicine and Animal Health (http://www.academicjournals.org/journal/JVMAH/editors)	10
Recenzor - Anexa A.3.3.		
3.3.2.3.	Prudent-Journal – 2017	10
3.3.2.4.	International Research Journal of Agricultural and Food Sciences - 2017	10
3.3.2.5.	Analele Universitatii din Oradea – Seria Biologie - permanent (http://www.bioresearch.ro/bioresearch/revistaen.html)	10
3.3.2.6.	Carpathian Journal of Food Science and Technology 3 recenzii (2016)	10
3.3.2.7.	International Journal of Environmental Science and Toxicology Research 1 recenzie (2016)	10
3.3.2.8.	Issues in Biological Sciences and Pharmaceutical Research 2 recenzii (2014, 2015)	10
3.3.2.9.	African Journal of Agricultural Research 1 recenzie (2014)	10
3.3.2.10.	International Journal of Agricultural Policy and Research 2 recenzii (2014)	10
3.3.2.11.	Journal of Veterinary Medicine and Animal Health 1 recenzie (2012)	10
	Total 3.3.2	**110**
	TOTAL 3.3	**205**

3.4. Experienţa în management - **Anexa A.3.4**

Nr.	Funcţia	kpi
3.4.1.	Şef al Catedrei de Chimie Biologie, Universitatea de Nord din Baia Mare, 2008-2011	15
3.4.2.	Membru în Consiliul Facultăţii de Ştiinţe, Universitatea de Nord din Baia Mare 2005-2008	6
	TOTAL 3.4	**21**

Criterii opţionale

3.5. Premii

3.5.1 Academia Română -
3.5.2 ASAS, AOSR, academii de ramură şi CNCSIS -
3.5.3 Premii internaţionale -
3.5.4. Premii naţionale în domeniu -

3.6. Membru în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţă la organizaţii din domeniul educaţiei şi cercetării

3.6.1 Academia Română -

3.6.2 ASAS, AOSR şi academii de ramură -

3.6.3 Conducere asociaţii profesionale -
3.6.3.1 internaţionale
3.6.3.2 naţionale

3.6.4 Asociaţii profesionale
3.6.4.1. Internaţionale

3.6.4.2 Naţionale

Nr.	Organizaţia	kpi
3.6.4.2.1.	Asociaţia Specialiştilor din Industria Alimentară din România (A.S.I.A.R) din învăţământ, cercetare şi industrie; (http://www.asiar.ro/index.php/rojfoodsci/advisoryscientificboard)	2
Total 3.6.4		**2**

3.6.5 Consilii şi organizaţii în domeniul educaţiei şi cercetării
3.6.5.1 Conducere –

3.6.5.2. Membru

Nr.	Organizaţia	kpi
3.6.5.2.1.	Membru ARACIS – Comisia de Ştiinţe Exacte şi Ştiinţe ale Naturii (http://pfe.aracis.ro/inscriere/registru/lista_c/1/0/a/html/)	10
Total 3.6.5.		**10**
TOTAL 3.6.		**12**

TOTAL PUNCTAJ RECUNOAŞTERE ŞI IMPACTUL ACTIVITĂŢII (A3)

Secţiune	Punctaj realizat	Condiţii minimale cerute pentru abilitare
3.1.1. Citari în reviste ISI	179,4	**Categoria Profesor** Ordinul MECTS 6560/2012 Ordinul MECTS 4204/2013 Comisia nr. 14 INGINERIA RESURSELOR VEGETALE ŞI ANIMALE Domeniul: Ingineria Produselor Alimentare
3.1.2. Citări în reviste BDI	31,3	
3.2.1. Prezentări invitate în plenul unor manifestări ştiinţifice naţionale şi internaţionale şi Profesor invitat	20	
3.3. Membru în colectivele de redacţie sau comitetele ştiinţifice ale revistelor şi manifestărilor ştiinţifice, organizator manifestări ştiinţifice, recenzor pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale	205	
3.4. Experienţa în management	21	
Criterii opţionale		
3.5. Premii	0	
3.6. Membrii în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţa la organizaţii din domeniul educaţiei şi cercetării	12	
TOTAL A3	**468,7**	**Minimum 40 puncte**

Materialele doveditoare ale activitatilor raportate pentru indicatorii A1, A2 si A3 se gasesc in format electronic pe CD (A1, A2, A3).

28.05.2017 **Prof.dr.ing. Anca Mihaly Cozmuţa**