

**FIȘĂ DE AUTOEVALUARE**  
**(CONFORM FIȘEI DE EVALUARE GENERALĂ A STANDARDELOR UNIVERSITĂȚII)**  
**Anexa 1**

**Lector dr. Simona-Maria CUCU-MAN**

<b>I. ACTIVITATEA DE CERCETARE (70%)</b>	<b>Puncte</b>	
	<b>Total</b>	<b>2006–2016</b>
1. Articole științifice publicate <i>in extenso</i> în reviste cotate <i>Web of Science</i> cu factor de impact	753.054	599.532
2. Articole științifice publicate <i>in extenso</i> în reviste indexate, fără factor de impact	25.000	6.667
3. Articole științifice publicate <i>in extenso</i> în reviste indexate BDI	14.750	9.750
4. Articole științifice publicate <i>in extenso</i> în volumele conferințelor	10.083	3.833
5. Cărți științifice publicate (doar prima ediție) / Capitole de cărți, edituri academice internaționale/naționale	74.000	74.000
6. Cărți științifice traduse și publicate în edituri din străinătate	0	0
7. Coordonarea și editarea de volume, traduceri și antologii	7.500	7.500
8. Articole publicate în dicționare și enciclopedii	0	0
9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)	47.058	45.731
10. Contracte de cercetare în mediul de afaceri și sectorul public	0	0
11. Brevete	0	0
12. Citări și recenzii ale lucrărilor științifice	2499.352	2499.352
13. Lucrări susținute în calitate de invitat la manifestări științifice (conferințe, congrese, simpozioane, seminarii și ateliere de lucru)	0	0
14. Profesor/cercetător invitat la universități/institute de cercetare	0	0
15. Editor/Membru în <i>Editorial Board &amp; Advisory Board</i>	90.000	90.000
16. Premii internaționale obținute printr-un proces de selecție	0	0
17. Premii ale Academiei Române	0	0
18. Alte premii naționale ale instituțiilor culturale	0	0
19. Participări la manifestări științifice	392.000	392.000
<b>ACTIVITATEA DE CERCETARE – TOTAL</b>	<b>3912.797</b>	<b>3728.365</b>
<b>ACTIVITATEA DE CERCETARE – 70%</b>	<b>2738.958</b>	<b>2609.856</b>
<b>II. ACTIVITATEA DIDACTICĂ (30%)</b>		
1. Tratatе și manuale universitare	0	0
2. Proiecte didactice (înfăințare/dotare laboratoare licență, master, săli workshop, biblioteci proprii facultăților, departamentelor, laboratoarelor și grupurilor de cercetare)	0	0
3. Materiale suport curs, seminar, lucrări practice și programe analitice detaliate	690.000	690.000
4. Organizare de aplicații și practică de specialitate	0	0
<b>ACTIVITATEA DIDACTICĂ - TOTAL</b>	<b>690.000</b>	<b>690.000</b>
<b>ACTIVITATEA DIDACTICĂ – 30%</b>	<b>207.000</b>	<b>207.000</b>
<b>TOTAL CRITERIUL I ȘI II CONFORM FIȘEI DE AUTOEVALUARE</b>		<b>2945.958</b>
<b>TOTAL CRITERIUL I ȘI II CONFORM FIȘEI DE AUTOEVALUARE 2006 – 2016 (de la ultima promovare)</b>		<b>2816.856</b>

## I. ACTIVITATEA DE CERCETARE (70%)

1. Articole științifice publicate *in extenso* în reviste cotate *Web of Science* cu factor de impact

Punctaj acordat: (60 puncte × factor de impact + 25) / număr autori

Nr. crt.	Articol	Număr autori	Factor impact (2014)	Puncte
1.	Dulman, V., Cucu-Man, S.M.,* Bunia, I., Dumitras, M., Batch and fixed bed column studies on removal of Orange G acid dye by a weak base functionalized polymer, <i>Desalination and Water Treatment</i> , 57, 14708-14727, <b>2016</b> .	4	1.173	23.845
2.	Feraru, S., Borhan, A.I., Samoila, P., Mita, C., Cucu-Man, S., Iordan, A.R., Palamaru, M.N. Development of visible-light-driven $\text{Ca}_2\text{Fe}_{1-x}\text{Sm}_x\text{BiO}_6$ double perovskites for decomposition of Rhodamine 6G dye, <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 307-308, 1-8, <b>2015</b> .	7	2.495	24.957
3.	Harmens, H., Norris, D.A., Sharps, K., Mills, G., Alber, R., Aleksiyenak, Y., Blum, O., Cucu-Man, S.M., Dam, M., De Temmerman, L., Ene, A., Fernández, J.A., Martínez-Abaigar, J., Frontasyeva, M., Godzik, B.I., Jeran, Z., Lazo, P., Leblond, S., Liiv, S., Magnússon, S.H., Maňková, B., Karlsson, G.P., Piispanen, J., Poikolainen, J., Santamaria, J.M., Skudnik, M., Spiric, Z., Stafilov, T., Steinnes, E., Stihl, C., Suchara, I., Thöni, L., Todoran, R., Yurukova, L., Zechmeister, H.G., Heavy metal and nitrogen concentrations in mosses are declining across Europe whilst some "hotspots" remain in 2010, <i>Environmental Pollution</i> , 200, 93-104, <b>2015</b> .	35	4.143	7.817
4.	Cucu-Man, S.M.,* Steinnes, E. Analysis of selected biomonitors to evaluate the suitability for their complementary use in monitoring trace element atmospheric deposition, <i>Environmental Monitoring and Assessment</i> , 185, 7775-7791, <b>2013</b> .	2	1.679	62.870
5.	Tarcau, D., Cucu-Man, S., Boruvkova, J., Klanova, J., Covaci, A. Organochlorine pesticides in soil, moss and tree-bark from North-Eastern Romania, <i>Science of the Total Environment</i> , 456-457, 317-324, <b>2013</b> .	5	4.099	54.188
6.	Cioroiu, B.I., Tarcau, D., Cucu-Man, S., Chisalita, I., Cioroiu, M. Polycyclic aromatic hydrocarbons in lung tissue of patients with pulmonary cancer from Romania. Influence according as demographic status and ABO phenotypes, <i>Chemosphere</i> , 92, 504-511, <b>2013</b> .	5	3.340	45.080
7.	Dulman, V., Cucu-Man, S.M., Olariu, R.I., Buhaceanu, R., Dumitras, M., Bunia, I., A new heterogeneous catalytic system for decolorization and mineralization of Orange G acid dye based on hydrogen peroxide and a macroporous chelating polymer, <i>Dyes and Pigments</i> , 95(1), 79-88, <b>2012</b> .	6	3.966	43.827
8.	Cioroiu, M.E., Tarcau, D., Cucu Man, S., Cioroiu, B., Mocanu, R. Chisăliță Irina, Effect of polycyclic aromatic hydrocarbons on some clinical parameters in case of patients with lung cancer and associated diagnostics, <i>Romanian Journal of Laboratory Medicine</i> , 19, 55-64, <b>2011</b> .	6	0.239	6.557
9.	Cioroiu, M., Tarcau, D., Mocanu, R., Cucu-Man, S., Nechita, B., Luca, M., Organochlorine pesticides in colostrums in case of normal and preterm labor (IASI, Romania), <i>Science of the Total Environment</i> , 408, 2639-2645, <b>2010</b> .	6	4.099	45.157
10.	Vione, D., Khanra, S., Cucu-Man, S., Maddigapu, P.R., Das, R., Arsene, C., Olariu, R.I., Maurino, V., Minero, C., Inhibition vs. enhancement of the nitrate-induced phototransformation of organic substrates by the OH scavengers bicarbonate and carbonate, <i>Water Research</i> , 43, 4718-4728, <b>2009</b> .	9	5.528	39.631
11.	Dulman, V., Cucu-Man, S.M.,* Sorption of some textile dyes by beech wood sawdust, <i>Journal of Hazardous Materials</i> , 162, 1457-1464, <b>2009</b> .	2	4.529	148.370
12.	Vione, D., Maurino, V., Cucu Man, S., Khanra, S., Arsene, C., Olariu, R.I., Minero, C., Formation of organobrominated compounds in the presence of bromide under simulated atmospheric aerosol conditions, <i>ChemSusChem</i> , 1, 197-204,	7	7.657	69.203

2008.					
13.	Drăgan, D., <u>Cucu-Man, S.</u> , Mocanu, R., Covaci, A., Accelerated solvent extraction method for the determination of polychlorinated biphenyls and organochlorine pesticides in soil, <i>Revue Roumaine de Chimie</i> , 52(6), 597–601, <b>2007</b> .	4	0.311	10.915	
14.	Dragan, D., <u>Cucu-Man, S.</u> , Dîrțu, A., Mocanu, R., Van Vaeck, L., Covaci, A., Occurence of organochlorine pesticides and polychlorinated biphenyls in soils and sediments from Eastern Romania, <i>International Journal of Environmental Analytical Chemistry</i> , 86, 833-842, <b>2006</b> .	6	1.295	17.117	
15.	Dulman, V., Odochian, L., Dumitraș, M., <u>Cucu Man, S.</u> , Study by non-isothermal methods of spruce wood bark materials, <i>Journal of the Serbian Chemical Society</i> , 70(11), 1325-1333, <b>2005</b> .	4	0.871	19.315	
16.	Lucaciu, A., Timofte, L., Culicov, O., Frontasyeva, M.V., Oprea, C., <u>Cucu-Man, S.</u> , Mocanu, R., Steinnes, E., Atmospheric deposition of trace elements in Romania studied by the moss biomonitoring technique, <i>Journal of Atmospheric Chemistry</i> , 49(1-3), 533-548, <b>2004</b> .	8	1.950	17.750	
17.	<u>Cucu-Man, S.*</u> Mocanu, R., Culicov, O., Steinnes, E., Frontasyeva, M., Atmospheric deposition of metals in Romania studied by biomonitoring using the epiphytic moss <i>Hypnum cupressiforme</i> , <i>International Journal of Environmental Analytical Chemistry</i> , 84, 845–854, <b>2004</b> .	5	1.295	20.540	
18.	Dulman, V., <u>Cucu-Man, S.</u> , Popa, V.I., Sorption of some textile dyes by oak wood sawdust, <i>Cellulose Chemistry and Technology</i> , 36(5-6), 515-525, <b>2002</b> .	3	0.675	21.833	
19.	<u>Cucu-Man, S.*</u> Mocanu, R., Steinnes, E., Atmospheric heavy metal survey by means of mosses: a regional study (Iasi, Romania), <i>Environmental Engineering and Management Journal</i> , 1(4), 533-540, <b>2002</b> .	3	1.065	29.633	
20.	Mocanu, R., <u>Cucu-Man, S.</u> , Biomonitoring: a good opportunity for an extensive information on the heavy metal content of the atmosphere (mosses), <i>Environmental Engineering and Management Journal</i> , 1(1), 79-96, <b>2002</b> .	2	1.065	44.450	
TOTAL PUNCTE / DESCRIPTOR					753.054
TOTAL PUNCTE / DESCRIPTOR 2006-2016					599.532

2. Articole științifice publicate *in extenso* în reviste indexate, fără factor de impact  
Punctaj acordat: 20 puncte / număr autori

Nr. crt.	Articol	Număr autori	Puncte
1.	Mocanu, R., <u>Cucu-Man, S.</u> , Steinnes, E., Heavy metal pollution: an everlasting problem, NATO Science Series Environmental Simulation Chambers: Application to Atmospheric Chemical Processes, Barnes, I., Rudzinski, K.J. (eds), Springer, Netherlands, 62, 359-368, <b>2006</b> .	3	6.667
2.	<u>Cucu-Man, S.</u> , Mocanu, R., Bejan, I., Duncianu, C., Duncianu, M., Steinnes, E., Autochthonous moss species used in atmospheric heavy metals survey (Romania), <i>Analele Stiintifice ale Universitatii Al.I.Cuza Iasi, Chimie</i> , XII, 25-32, <b>2004</b> .	6	3.333
3.	Dulman, V., <u>Cucu-Man, S.</u> , Radasanu, O., Surdu, S., Decolorization of Basic Blue dye by <i>Saccharomyces cerevisiae</i> yeast, <i>Analele Stiintifice ale Universitatii Al.I.Cuza Iasi, Chimie</i> , VII, 257-262, <b>2000</b> .	4	5.000
4.	Dulman, V., Ciobanu, C., Palamaru, M., <u>Cucu-Man, S.</u> , Immobilization of urease inside a polymeric gel, <i>Analele Stiintifice ale Universitatii Al.I.Cuza Iasi, Chimie</i> , VII, 253-256, <b>2000</b> .	4	5.000
5.	Dulman, V., <u>Cucu-Man, S.</u> , Popa, V.I., Muresan, R., Adsorption properties of beech wood sawdust related to some textile dyes, <i>Analele Stiintifice ale Universitatii Al.I.Cuza Iasi, Chimie</i> , VII, 245-252, <b>2000</b> .	4	5.000
<b>TOTAL PUNCTE / DESCRIPTOR</b>			<b>25.000</b>

**TOTAL PUNCTE / DESCRIPTOR 2006-2016 6.667**

**3. Articole științifice publicate *in extenso* în reviste indexate BDI**

Punctaj acordat: 15 puncte / număr autori

Nr. crt.	Articol	Număr autori	Puncte
1.	Tarcau, D., Vintu, V., Samuil, C., <u>Cucu-Man, S.</u> , Polyphenolic composition of a permanent pasture under influence of organic fertilization, <i>Lucrari Stiintifice. USAMV Iasi Seria Zootehnie</i> , 59, 98-102, <b>2013</b> .	4	3.750
2.	Tarcau, D., <u>Cucu-Man S.</u> , Stavarache, M., Samuil C., Vintu V., Mineral versus organic fertilization. Effect on the quality of forages produced on a grassland of <i>Nardus stricta</i> L., <i>Lucrari Stiintifice. USAMV Iasi Seria Agronomie</i> , 55, 49-54, <b>2012</b> .	5	3.000
3.	Anton, A., Solcan, G., Rollin, F., <u>Cucu-Man, S.</u> , Hagi, N., Researches concerning influence of zinc supplement on somatic cells from milk in Romanian Black Pie dairy cow, <i>Lucrari Stiintifice. USAMV Iasi Seria Medicina Veterinara, LII</i> , 352-358, <b>2007</b> .	5	3.000
4.	Dulman, V., <u>Cucu-Man, S.</u> , Popa, V.I., Sorption of some dyes by spruce wood bark, <i>Journal of Balkan Ecology</i> , 5(1), 94-101, <b>2002</b> .	3	5.000
<b>TOTAL PUNCTE / DESCRIPTOR</b>			<b>14.750</b>
<b>TOTAL PUNCTE / DESCRIPTOR 2006-2016</b>			<b>9.750</b>

**4. Articole științifice publicate *in extenso* în volumele conferințelor**

Indexate BDI - Punctaj acordat: 15 puncte / număr autori

Nr. crt.	Articol	Număr autori	Puncte
1.	Dragan, D., <u>Cucu-Man, S.</u> , Dirtu, A.C., Mocanu, R., Covaci, A., Tree bark and moss as indicators for air pollution with organochlorine pesticides in Romania, <i>Organohalogen Compounds</i> , 68, 1039-1042, <b>2006</b> .	5	3.000
<b>TOTAL PUNCTE</b>			<b>3.000</b>
<b>TOTAL PUNCTE 2006-2016</b>			<b>3.000</b>

Alte categorii - Punctaj acordat: 5 puncte / număr autori

Nr. crt.	Articol	Număr autori	Puncte
2.	Dulman, V., Simion, C., Bărsănescu, A., <u>Cucu-Man, S.</u> , Buhăceanu, R., Bunia, I., Decolorarea unor soluții de coloranți textili prin noi procedee de sorbție și oxidative, pp. 537-546, Conferința din cadrul Programul de Cercetare de Excelență 2005-2008, MENER (Mediu), Sinaia, România, 04-07 septembrie, <b>2008</b> .	6	0.833
3.	Mocanu, R., <u>Cucu-Man, S.</u> , Heavy metals, everlasting atmospheric pollutants: topical monitoring (mosses), International Conference on Materials Science and Engineering BRAMAT 2003, Editura Universitatii "Transilvania" din Brasov, ISBN 973-635-126-2, pp.346-353, Brasov, 13-14 martie, <b>2003</b> .	2	2.500
4.	<u>Cucu-Man, S.</u> , Mocanu, R., Steinnes, E., Frontasyeva, M., Biomonitoring de métaux lourds dans le bassin hydrographique de Prut (Romania), Actes du deuxième Colloque Franco-Roumain de Chimie Appliquée, Gavrilă, L., Finaru, A., Grandclaudon, P., Eds., Editions Alma Mater Bacău – ISBN 973-8392-04-7, Tehnica-Info Chișinău – ISBN 9975-63-140-1, pp. 406-408, Cofroca, Bacău, 10-12	4	1.250

Octobre, <b>2002</b> .				
5.	Mocanu, R. Cucu-Man, S., Pollution atmospherique et le "biomonitoring" des métaux lourds, Actes du deuxieme Colloque Franco-Roumain de Chimie Appliquee, Gavrilă, L., Finaru, A., Grandclaudeon, P., Eds., Editions Alma Mater Bacau – ISBN 973-8392-04-7, Tehnica-Info Chisinau – ISBN 9975-63-140-1, pp. 9-12, Cofroca, Bacau, 10-12 Octobre, <b>2002</b> .	2	2.500	
<b>TOTAL PUNCTE</b>				<b>7.083</b>
<b>TOTAL PUNCTE 2006-2016</b>				<b>0.833</b>
<b>TOTAL PUNCTE / DESCRIPTOR</b>				<b>10.083</b>
<b>TOTAL PUNCTE / DESCRIPTOR 2006-2016</b>				<b>3.833</b>

**5. Cărți științifice publicate (doar prima ediție) / Capitole de cărți, edituri academice internaționale/naționale**

Edituri academice internaționale - Punctaj acordat: 100 puncte la 100 pagini / număr autori

Nr. crt.	Capitole de cărți	Număr pagini	Număr autori	Puncte
1.	Dulman, V., Cucu-Man, S.M., Wood sawdust, tree bark and wood chips: Waste lignocellulosic materials for dye removal, Chapter 9, in: Sorption processes and pollution. Conventional and non-conventional sorbents for pollutant removal from wastewaters, Crini, G., Badot, P.-M., Eds., ISBN 978-2-84867-304-2, Presses universitaires de Franche-Comte, Universite de Frenche-Comte, Besancon Cedex, France, pp. 233-270, <b>2010</b> .	38	2	19.000
<b>TOTAL PUNCTE</b>				<b>19.000</b>
<b>TOTAL PUNCTE 2006-2016</b>				<b>19.000</b>

Edituri academice naționale - Punctaj acordat: 50 puncte la 100 pagini / număr autori

Nr. crt.	Cărți	Număr pagini	Număr autori	Puncte
2.	Viorica Dulman, Simona Maria Cucu-Man, Rodica Mureșan, Metode neconvenționale de sorbție a unor coloranți, ISBN 978-973-152-170-1, Casa Editorială Demiurg, 302 pagini, <b>2009</b> .	302	3	50.333
Nr. crt.	Capitole de cărți	Număr pagini	Număr autori	Puncte
3.	Cucu-Man, S., Tarcău (Dragan), D., Buhăceanu, R., Biomonitoring the atmospheric deposition of heavy metals and persistent organic pollutants: general aspects and a case study (Eastern Romania), Chapter 2, in Current topics, concepts and research priorities in environmental chemistry, Zaharia, C., Ed., ISBN 978-973-703-798-5, Editura Universității „Alexandru Ioan Cuza” din Iași, pp. 43-70, <b>2012</b> .	27	3	4.667
<b>TOTAL PUNCTE</b>				<b>55.000</b>
<b>TOTAL PUNCTE 2006-2016</b>				<b>55.000</b>
<b>TOTAL PUNCTE / DESCRIPTOR</b>				<b>74.000</b>
<b>TOTAL PUNCTE / DESCRIPTOR 2006-2016</b>				<b>74.000</b>

6. Cărți științifice traduse și publicate în edituri din străinătate

7. Coordonarea și editarea de volume, traduceri și antologii

Alte edituri naționale - Punctaj acordat: 15 puncte / număr autori

Nr. crt.	Volum	Număr autori	Puncte
1.	<u>Simona Cucu-Man, Carmen Miță – Acta Chemica Iasi, 23(1), Versita, Book of abstracts for The 6th Scientific Session of Undergraduate, Master and PhD Students, Iasi, 2015.</u>	2	7.500
<b>TOTAL PUNCTE / DESCRIPTOR</b>			<b>7.500</b>
<b>TOTAL PUNCTE / DESCRIPTOR 2006-2016</b>			<b>7.500</b>

8. Articole publicate în dicționare și enciclopedii

9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)

Contracte internaționale - director / responsabil contract - Punctaj acordat: 100 puncte pentru fiecare 100.000 EUR

Nr. crt.	Contract de cercetare	Valoare	Puncte
1.	Bilateral România - Joint Institute for Nuclear Research Dubna, nr. 97 din Ordinul IUCN nr. 96/15.02.2016, nr. 85 din Ordinul IUCN nr. 34/23.01.2015, nr. 76 din Ordinul IUCN nr. 96/17.02.2014, tema 03-4-1104-2011/2016, Nuclear and related analytical techniques in agricultural studies, <b>2014-2016</b> .	4700 USD (4138 EUR)	4.138
2.	Bilateral România - Joint Institute for Nuclear Research Dubna, nr. 63 din Ordinul IUCN nr. 82/18.02.2013, tema 03-4-1104-2011/2013, Nuclear and related analytical techniques in agricultural studies, <b>2013</b> .	2000 USD (1476 EUR)	1.476
3.	Bilateral România - Joint Institute for Nuclear Research Dubna, nr. 72 din Ordinul IUCN nr. 82/18.02.2013, tema 03-4-1104-2011/2013, Nuclear and related analytical techniques for environmental and life sciences, <b>2013</b> .	2000 USD (1476 EUR)	1.476
4.	Bilateral România - Joint Institute for Nuclear Research Dubna nr. 10 din Ordinul IUCN nr.57/08.02.2010tema 03-4-1036-2001/2010, Nuclear and related analytical techniques for environmental and life sciences, <b>2010</b> .	2000 USD (1476 EUR)	1.476
<b>TOTAL PUNCTE</b>			<b>8.546</b>
<b>TOTAL PUNCTE 2006-2016</b>			<b>8.546</b>

Contracte internaționale - membru - Punctaj acordat: 100 puncte pentru fiecare 100.000 EUR / numărul membrilor echipei de cercetare

Nr. crt.	Contract de cercetare	Număr membri	Valoare	Puncte
5.	FP-7/PEOPLE-MERG-CT-2007-203934, Intensive Characterisation of Atmospheric Aerosols in the north-eastern Romania at various Urban Sites (ICAARUS), Environment and Sustainable Development. Global Change, Climate and Biodiversity, <b>2007-2010</b> .	5	45000 EUR	9.000

6.	NATO ESP.EAP.CLG.982586/2007, Chemical Composition of Atmospheric Aerosols in the North-Eastern Romania. Environmental Security Through Science, <b>2007-2009</b> .	5	20000 EUR	4.000
7.	Bilateral Romania-Italia: C18002/09.01.2006, Environmental Quality Understanding Inferred by Laboratory Investigation of the Borne Pollutants Released by Industrial and Agricultural Activities in a Small Part of Romania (EQUILIBRIAAS-PRO), <b>2006-2008</b> .	7	15000 EUR	2.143
8.	Bilateral România - Joint Institute for Nuclear Research Dubna, nr. 5 din Ordinul IUCN nr. 531/15.10.2004, <b>2004</b> .	2	1500 USD (1085 EUR)	0.543
9.	Bilateral Belgia-Romania, BIL 99/53, Monitoring and Assessment of the inorganic Trace Constituents in the Transboundary River Prut (Moldavia - Moldova), The Micro-Trace Analysis Center (MiTAC) from the University of Antwerp, Belgium, <b>2000-2003</b> .	10	-	-
10.	Contract NATO SfP nr. 974064, Monitoring and assessment of heavy metal pollution in river Prut, an important transboundary water resource, <b>2000-2003</b> .	11	-	-
<b>TOTAL PUNCTE</b>				<b>15.686</b>
<b>TOTAL PUNCTE 2006-2016</b>				<b>15.143</b>

Contracte naționale - membru - Punctaj acordat: 50 puncte pentru fiecare 500.000 lei / numărul membrilor echipei de cercetare

Nr. crt.	Contract de cercetare	Număr membri	Valoare RON	Puncte
11.	PN-II-ID-PCE-2011-3-0471, Evaluation of Volatile Organics in the Lower/Upper Troposphere - their Impact on the Oxidizing, Noxious and Aerosol Influx Capacity in Romania (EVOLUTION-AIR), <b>2011-2014</b> .	6	1050000	17.500
12.	CEEX 730, P-CD – COLODEC, Cercetări privind decolorarea unor soluții de coloranți prin noi procedee oxidative, microbiologice și de sorbție în scopul reabilitării și recirculării apelor uzate din industria textilă, <b>2006-2008</b> .	20	830000	4.150
13.	CNCSIS 1469, Studiul decolorării apelor uzate textile folosind sorbenți neconvenționali (lignocelulozici) și a valorificării produșilor reziduali drept combustibil, <b>2005-2006</b> .	9	20000	0.222
14.	INFRAS: 210/04.10.2004, Crearea unei infrastructuri pentru monitorizarea și biomonitorizarea compușilor toxici prezenți în mediu și pentru urmărirea efectului acestora asupra organismelor vii. Acreditarea unui laborator de analiza metalelor grele și a poluanților organici persistenti (POPs), <b>2004-2006</b> .	26	248000	0.954
<b>TOTAL PUNCTE</b>				<b>22.826</b>
<b>TOTAL PUNCTE 2006-2016</b>				<b>22.042</b>
<b>TOTAL PUNCTE / DESCRIPTOR</b>				<b>47.058</b>
<b>TOTAL PUNCTE / DESCRIPTOR 2006-2016</b>				<b>45.731</b>

10. Contracte de cercetare în mediul de afaceri și sectorul public

11. Brevete

12. Citări și recenzii ale lucrărilor științifice (după excluderea autocitărilor tuturor coautorilor)

Reviste de specialitate din străinătate - Punctaj acordat: (10 + 20 × factor de impact) / număr autori, pentru fiecare citare

Lucrarea citată				
Nr. crt.	Lucrarea care citează	Număr autori	Factor impact (2014)	Puncte
	Feraru, S., Borhan, A.I., Samoila, P., Mița, C., Cucu-Man, S., Iordan, A.R., Palamaru, M.N. Development of visible-light-driven $\text{Ca}_2\text{Fe}_{1-x}\text{Sm}_x\text{BiO}_6$ double perovskites for decomposition of Rhodamine 6G dye, Journal of Photochemistry and Photobiology A: Chemistry, 307-308, 1-8, <b>2015</b> .			
1.	Czech, B., Hojamberdiev, M., UVA- and visible-light-driven photocatalytic activity of three-layer perovskite Dion-Jacobson phase $\text{CsBa}_2\text{M}_3\text{O}_{10}$ (M = Ta, Nb) and oxynitride crystals in the removal of caffeine from model wastewater, Journal of Photochemistry and Photobiology A: Chemistry, 324, 70-80, <b>2016</b> .	7	2.495	8.557
2.	Pal, M., Bera, S., Jana, S., Sol-gel based simonkolleite nanopetals with $\text{SnO}_2$ nanoparticles in graphite-like amorphous carbon as an efficient and reusable photocatalyst, RSC Advances, 5(92), 75062-75074, <b>2015</b> .	7	3.840	12.400
	Harmens, H., Norris, D.A., Sharps, K., Mills, G., Alber, R., Aleksiyenak, Y., Blum, O., Cucu-Man, S.M., Dam, M., De Temmerman, L., Ene, A., Fernández, J.A., Martinez-Abaigar, J., Frontasyeva, M., Godzik, B.I., Jeran, Z., Lazo, P., Leblond, S., Liiv, S., Magnússon, S.H., Maňková, B., Karlsson, G.P., Piispanen, J., Poikolainen, J., Santamaria, J.M., Skudnik, M., Spiric, Z., Stafilov, T., Steinnes, E., Stihl, C., Suchara, I., Thöni, L., Todoran, R., Yurukova, L., Zechmeister, H.G., Heavy metal and nitrogen concentrations in mosses are declining across Europe whilst some "hotspots" remain in 2010, Environmental Pollution, 200, 93-104, <b>2015</b> .			
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152.	Uyar, G., Avcil, E., Ören, M., Karaca, F., Öncel, M.S., Determination of heavy metal pollution in Zonguldak (Turkey) by moss analysis ( <i>Hypnum cupressiforme</i> ), Environmental Engineering Science, 26(1), 183-194, <b>2009</b> .	5	0.991	5.964
153.	Uyar, G., Ören, M., Yildirim, Y., Öncel, S., Biomonitoring of metal deposition in the vicinity of Ereğli steel plant in Turkey, Environmental Forensics, 9(4), 350-363, <b>2008</b> .	5	0.562	4.248
154.	Uyar, G., Ören, M., Yildirim, Y., Ince, M., Mosses as indicators of atmospheric heavy metal deposition around a coal-fired power plant in Turkey, Fresenius Environmental Bulletin, 16(2), 182-192, <b>2007</b> .	5	0.378	3.512
155.	Acar, O., Biomonitoring and annual variability of heavy metal concentration changes using moss ( <i>Hypnum cupressiforme</i> L. ex. Hedw.) in Canakkale province, Journal of Biological Sciences, 6(1), 38-44, <b>2006</b> .	5	1.260	7.040
	Dragan, D., Cucu-Man, S., Mocanu, R., Covaci, A., Accelerated solvent extraction method for the determination of polychlorinated biphenyls and organochlorine pesticides in soil, Revue Roumaine de Chimie, 52(6), 597-601, <b>2007</b> .			
156.	Leyva-Morales, J.B., Valdez-Torres, J.B., Bastidas-Bastidas, P.J., Betancourt-Lozano, M., Validation and Application of a Multi-residue Method, Using Accelerated Solvent Extraction Followed by Gas Chromatography, for Pesticides Quantification in Soil, Journal of Chromatographic Science, 53(10), 1623-1630, <b>2015</b> .	4	1.363	9.315
157.	Ene, A., Bogdevich, O., Sion, A., Levels and distribution of organochlorine pesticides (OCPs) and polycyclic aromatic hydrocarbons (PAHs) in topsoils from SE Romania, Science of the Total Environment, 439, 76-86, <b>2012</b> .	4	4.099	22.995
158.	Tadeo, J.L., Pérez, R.A., Alberio, B., García-Valcárcel, A.I., Sánchez-Brunete, C., Review of sample preparation techniques for the analysis of pesticide residues in soil, Journal of AOAC International, 95(5), 1258-1271, <b>2012</b> .	4	1.120	8.100
159.	Křesinová, Z., Muzikář, M., Olšovská, J., Cajthaml, T., Determination of 15 isomers of chlorobenzoic acid in soil samples using accelerated sample extraction followed by liquid chromatography, Talanta, 84(4), 1141-1147, <b>2011</b> .	4	3.545	20.225
	Dulman, V., Cucu-Man, S., Popa, V.I., Sorption of some textile dyes by oak wood sawdust, Cellulose Chemistry and Technology, 36(5-6), 515-525, <b>2002</b> .			
160.	Hubbe, M.A., Beck, K.R., O'Neal, W.G., Sharma, Y.C., Cellulosic substrates for removal of pollutants from aqueous systems: A review. 2. Dyes, BioResources, 7(2), 2592-2687, <b>2012</b> .	3	1.425	12.833
161.	Peterlin, S., Drnovšek, T., Perdiš, A., Dolenc, D., Dyeing of papermaking fibers with dyes of various structural types as a	3	0.686	7.907

means for fiber surface characterization, Acta Chimica Slovenica, 56(2), 418-425, **2009**.

<b>TOTAL PUNCTE</b>	<b>2379.547</b>
<b>TOTAL PUNCTE 2006-2016</b>	<b>2379.547</b>

Reviste de specialitate din țară - Punctaj acordat:  $(5 + 10 \times \text{factor de impact}) / \text{număr autori}$ , pentru fiecare citare

<b>Lucrarea citată</b>				
<b>Nr. crt.</b>	<b>Lucrarea care citează</b>	<b>Număr autori</b>	<b>Factor impact (2014)</b>	<b>Puncte</b>
	Dulman, V., Cucu-Man, S.M., Olariu, R.I., Buhaceanu, R., Dumitraș, M., Bunia, I., A new heterogeneous catalytic system for decolorization and mineralization of Orange G acid dye based on hydrogen peroxide and a macroporous chelating polymer, Dyes and Pigments, 95(1), 79–88, <b>2012</b> .			
162.	Ivan, A., Tanczos, S.-K., Dorca, O., Danciulescu, V., Sava, S., Nechifor, G., Composite zeolite-polyaniline membrane material for water treatment, UPB Scientific Bulletin, Series B: Chemistry and Materials Science, 75(3), 53-64, <b>2013</b> .	6	0.000	0.833
	Dulman, V., Cucu-Man, S.M.,* Sorption of some textile dyes by beech wood sawdust, Journal of Hazardous Materials, 162, 1457-1464, <b>2009</b> .			
163.	Indolean, C., Burcă, S., Măicăneanu, A., Stanca, M., Rădulescu, D., Removal of anionic dye congo red from synthetic wastewater using immobilised fir sawdust (Abies Alba), Studia Universitatis Babes-Bolyai Chemia, 2, 3-34, <b>2013</b> .	2	0.191	3.455
	Dragan, D., Cucu-Man, S., Dîrțu, A., Mocanu, R., Van Vaec, L., Covaci, A., Occurrence of organochlorine pesticides and polychlorinated biphenyls in soils and sediments from Eastern Romania, International Journal of Environmental Analytical Chemistry, 86, 833-842, <b>2006</b> .			
164.	Bulmău, C., Cocârță, D., Behaviour of pcbs in remediation by oxygen free thermal treatments of an artificially contaminated soil, UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science, 76(3), 207-214, <b>2014</b> .	6	0.000	0.833
165.	Duray, B., Nagy, I., Andres, L., Milošević, D.D., Soil pollution in the Hungarian-Romanian border region (Valley of Körös-Cri Rivers), Carpathian Journal of Earth and Environmental Sciences, 10(3), 207-216, <b>2015</b> .	6	0.630	1.883
166.	Ferencz, L., Balog, A., A Pesticide survey in soil, water and foodstuffs from Central Romania, Carpathian Journal of Earth and Environmental Sciences, 5(1), 111-118, <b>2010</b> .	6	0.630	1.883
	Dragan, D., Cucu-Man, S., Mocanu, R., Covaci, A., Accelerated solvent extraction method for the determination of polychlorinated biphenyls and organochlorine pesticides in soil, Revue Roumaine de Chimie, 52(6), 597–601, <b>2007</b> .			
167.	Manea, L., Alexandrescu, D.C., Studies on the content of metals and pesticides in fruit growing areas and their ecotoxicological impact, Revue Roumaine de Chimie, 58(7-8), 611-617, <b>2013</b> .	4	0.311	2.028
<b>TOTAL PUNCTE</b>				<b>10.916</b>
<b>TOTAL PUNCTE 2006-2016</b>				<b>10.916</b>

Monografii academice din străinătate - Punctaj acordat: 50 puncte / număr autori, pentru fiecare citare

<b>Lucrarea citată</b>				
<b>Nr. crt.</b>	<b>Monografia care citează</b>	<b>Număr autori</b>	<b>Puncte</b>	
	Vione, D., Khanra, S., Cucu-Man, S., Maddigapu, P.R., Das, R., Arsene, C., Olariu, R.I., Maurino, V., Minero, C., Inhibition vs. enhancement of the nitrate-induced phototransformation of organic substrates by the OH scavengers bicarbonate and carbonate, Water Research, 43, 4718-4728, <b>2009</b> .			
168.	Gajda-Schranz, K., Arany, E., Illés, E., Szabó, E., Pap, Z., Takács, E., Wojnárovits, L., Advanced oxidation processes for ibuprofen	9	5.556	

	removal and ecotoxicological risk assessment of degradation intermediates, Ibuprofen: Clinical Pharmacology, Medical Uses and Adverse Effects, 159-232, <b>2013</b> .		
	Dulman, V., Cucu-Man, S.M.,* Sorption of some textile dyes by beech wood sawdust, Journal of Hazardous Materials, 162, 1457-1464, <b>2009</b> .		
169.	Afroze, S., Sen, T.K., Ang, M., Agricultural solid wastes in aqueous phase dye adsorption: A review, Agricultural Wastes: Characteristics, Types and Management, 169-213, <b>2015</b> .	2	25.000
170.	Janoš, P., Non-conventional sorbents for the dye removal from waters: Mechanisms and selected applications, Sorbents: Properties, Materials and Applications, 357-381, <b>2009</b> .		
	Dragan, D., Cucu-Man, S., Dîrțu, A., Mocanu, R., Van Vaeck, L., Covaci, A., Occurrence of organochlorine pesticides and polychlorinated biphenyls in soils and sediments from Eastern Romania, International Journal of Environmental Analytical Chemistry, 86, 833-842, <b>2006</b> .		
171.	Villaverde, J., Morillo, E., Remediation of contaminated soils and long-term risk assessment of organic residues by using cyclodextrins, Contaminated Soils: Environmental Impact, Disposal and Treatment, 269-288, <b>2011</b> .	6	8.333
	Lucaciu, A., Timofte, L., Culicov, O., Frontasyeva, M.V., Oprea, C., Cucu-Man, S., Mocanu, R., Steinnes, E., Atmospheric deposition of trace elements in Romania studied by the moss biomonitoring technique, Journal of Atmospheric Chemistry, 49(1-3), 533-548, <b>2004</b> .		
172.	Dragović, S., Čujić, M., Petrović, J., Dragović, R., Dordević, M., Janković-Mandić, L., Biomonitoring of atmospheric pollution using mosses: Recent developments and future prospects, Moss: Classification, Development and Growth and Functional Role in Ecosystems, 171-197, <b>2014</b> .	8	6.250
173.	Henke, K.R., Arsenic in Natural Environments, Arsenic: Environmental Chemistry, Health Threats and Waste Treatment, 69-235, <b>2009</b> .	8	6.250
	Cucu-Man, S.,* Mocanu, R., Culicov, O., Steinnes, E., Frontasyeva, M., Atmospheric deposition of metals in Romania studied by biomonitoring using the epiphytic moss Hypnum cupressiforme, International Journal of Environmental Analytical Chemistry, 84, 845-854, <b>2004</b> .		
174.	Moreda-Piñeiro, A., Moreda-Piñeiro, J., Analytical chemistry of cadmium: Sample pre-treatment and determination methods, Analytical Chemistry of Cadmium: Sample Pre-Treatment and Determination Methods, 1-254, <b>2011</b> .	5	10.000
175.	Moreda-Piñeiro, A., Moreda-Piñeiro, J., Analytical chemistry of cadmium: Sample pre-treatment and determination methods, Cadmium in the Environment, 1-262, <b>2010</b> .	5	10.000
<b>TOTAL PUNCTE</b>			<b>96.389</b>
<b>TOTAL PUNCTE 2006-2016</b>			<b>96.389</b>

Monografii academice din țară - Punctaj acordat: 25 puncte / număr autori, pentru fiecare citare

<b>Lucrarea citată</b>			
<b>Nr. crt.</b>	<b>Monografia care citează</b>	<b>Număr autori</b>	<b>Puncte</b>
	Dulman, V., Cucu-Man, S.M.,* Sorption of some textile dyes by beech wood sawdust, Journal of Hazardous Materials, 162, 1457-1464, <b>2009</b> .		
176.	Suteu, D., Zaharia, C., Malutan, T., Biosorbents based on lignin used in biosorption processes from wastewater treatment: A review, Lignin: Properties and Applications in Biotechnology and Bioenergy, 279-306, <b>2012</b> .	2	12.500
<b>TOTAL PUNCTE</b>			<b>12.500</b>
<b>TOTAL PUNCTE 2006-2016</b>			<b>12.500</b>
<b>TOTAL PUNCTE / DESCRIPTOR</b>			<b>2499.352</b>
<b>TOTAL PUNCTE / DESCRIPTOR 2006-2016</b>			<b>2499.352</b>

13. Lucrări susținute în calitate de invitat la manifestări științifice (conferințe, congrese, simpozioane, seminarii și ateliere de lucru)

14. Profesor/cercetător invitat la universități/institute de cercetare

15. Editor/Membru în *Editorial Board & Advisory Board*

Reviste internaționale și alte reviste ale Universității: membru - Punctaj acordat: 10 puncte pentru fiecare revistă

Nr. crt.	Revista	Perioada	Puncte
1.	Acta Chemica Iasi	2008-2016	90.000
TOTAL PUNCTE / DESCRIPTOR			90.000
TOTAL PUNCTE / DESCRIPTOR 2006-2016			90.000

16. Premii internaționale obținute printr-un proces de selecție

17. Premii ale Academiei Române

18. Alte premii naționale ale instituțiilor culturale

19. Participări la manifestări științifice

Internaționale – raportor pe secțiuni/paneluri - Punctaj acordat: 10 puncte pentru fiecare activitate

Nr. crt.	Autori/Titlu prezentare/Manifestare științifică	Puncte
1.	Cucu-Man, S.M., Culicov, O.A., Frontasyeva, M., Ene, A., Steinnes, E. Challenges and opportunities in biomonitoring atmospheric trace element depositions: a case study in eastern Romania, The 29th Task Force Meeting of the UNECE ICP Vegetation, Dubna, Russian Federation, 29 February – 04 March, <b>2016</b> .	10.000
2.	Stihi, C., Popescu, I.V., Frontasyeva, M., Radulescu, C., Ene, A., Culicov, O., Cucu-Man, S., Todoran, R., Zinicovscaia, I. Moss survey 2010 in Romania. Results and perspectives, The 29th Task Force Meeting of the UNECE ICP Vegetation, Dubna, Russian Federation, 29 February – 04 March, <b>2016</b> .	10.000
3.	Culicov, O.A., Tarcau, D., Cucu-Man, S.M., Zinicovscaia, I., Vintu, V., Samuil, C., Frontasyeva, M.V., Epithermal neutron activation analysis of forages from permanent grasslands of North-Eastern Romania, 17th Radiochemical Conference, Marianske Lazne, Czech Republic, 11-16 May, <b>2014</b> .	10.000
4.	Tarcau, D., Vintu, V., Cucu-Man, S.M., Covaci, A., Klanova, J., Atmospheric organic pollutants in Eastern Romania monitored by passive air sampling, Book of abstracts, Sokmen, M., Ozturk, N., Elvan Bayrak, H., Bahadir, Z., Demir, E., Bayrak, S., Koc, M., Eds., P111, 6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10-14 September, <b>2013</b> .	10.000
5.	Cucu-Man, S.M., Tarcau, D., Frontasyeva, M., Culicov, O., Covaci, A., Trace elements and organochlorine pesticides in the epiphytic moss Hypnum cupressiforme from Eastern Romania, Book of abstracts, Sokmen, M., Ozturk, N., Elvan Bayrak, H., Bahadir, Z., Demir, E., Bayrak, S., Koc, M., Eds., P109, 6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10-14 September, <b>2013</b> .	10.000

6.	Popescu, V.I., Frontasyeva, M., Stih, C., Ene, A., Cucu-Man, S., Todoran, R., Culicov, O., Moss biomonitoring of air quality in Romania, Abstracts, ISBN 978-5-9530-0357-5, pp. 67, XXI International Seminar on Interaction of Neutrons with Nuclei, Alushta, Ukraine, 20-25 May, <b>2013</b> .	<b>10.000</b>
7.	Cucu-Man, S.M., Frontasyeva, M., Culicov, O., Mocanu, R., Tarcau, D., Steinnes, E., Abstracts, ISBN 978-5-9530-0357-5, pp. 26, XXI First results on atmospheric trace element deposition in Republic of Moldova monitored by the moss <i>Hypnum cupressiforme</i> , 21st International Seminar on Interaction of Neutrons with Nuclei, Alushta, Ukraine, 20-25 May, <b>2013</b> .	<b>10.000</b>
8.	Tarcau, D., Cucu-Man, S., Stavarache, M., Samuil, C., Vintu V., Mineral versus organic fertilizations. Effect on the quality of forages produced on a grassland of <i>Nardus Stricta</i> L., 5th International Mechanical Engineering Forum, Prague, Czech Republic, 20-22 June, <b>2012</b> .	<b>10.000</b>
9.	Cucu-Man, S., Dragan (Tarcau), D., Mocanu, R., Steinnes, E., Studies on atmospheric heavy metal transboundary pollution Romania-Republic of Moldova based on biomonitoring using the moss <i>Hypnum cupressiforme</i> , Abstracts of communications, pp. 96, The II <sup>nd</sup> International Conference of the Chemical Society of the Republic of Moldova, Chisinau, Republic of Moldova, 01-03 October, <b>2007</b> .	<b>10.000</b>
10.	Dulman, V., Barsanescu, A., Buhaceanu, R., Cucu-Man, S., Neagu, V., Adsorption of acid dye Orange G from aqueous solution onto weakly or strong basic functionalized polymers, Book of abstracts, P126, Tsalev, D.L., Ivanova, E.H., eds., 4 <sup>th</sup> Black Sea Basin Conference on Analytical Chemistry, Sunny Beach, Bulgaria, 19-23 September, <b>2007</b> .	<b>10.000</b>
11.	Cucu-Man, S., Simion, C., Olariu, R.I., Luca, C., Dynamic adsorption of textile dye Acid Green 9 by acrylic copolymers functionalized with amines in fixed-bed system, Book of abstracts, P54, Tsalev, D.L., Ivanova, E.H., eds., 4 <sup>th</sup> Black Sea Basin Conference on Analytical Chemistry, Sunny Beach, Bulgaria, 19-23 September, <b>2007</b> .	<b>10.000</b>
12.	Dragan, D., Cucu-Man, S., Mocanu, R., Covaci, A., Temporal and spatial variation of selected persistent organic pollutants in Eastern Romania, Book of abstracts, P46, Tsalev, D.L., Ivanova, E.H., eds., 4 <sup>th</sup> Black Sea Basin Conference on Analytical Chemistry, Sunny Beach, Bulgaria, 19-23 September, <b>2007</b> .	<b>10.000</b>
13.	Mocanu, R., Dragan, D., Dobrin-Cioroiu, M., Cucu-Man, S., Heavy metal and POPs biomonitoring and quantification, Book of abstracts, O5, Tsalev, D.L., Ivanova, E.H., eds., 4 <sup>th</sup> Black Sea Basin Conference on Analytical Chemistry, Sunny Beach, Bulgaria, 19-23 September, <b>2007</b> .	<b>10.000</b>
14.	Dulman, V., Simion, C., Barsanescu, A., Buhaceanu, R.L., Cucu-Man, S.M., Bunia, I., Sorption of Acid Green 9 dye from aqueous solution on a basic resin, Book of abstracts, 364, Euroanalysis XIV, European Conference on Analytical Chemistry, Antwerp, Belgium, 09-14 September, <b>2007</b> .	<b>10.000</b>
15.	Cucu-Man, S., Buhaceanu, R., Neagu, V., Bunia, I., Nouvel échangeur d'ions acrilique avec des propriétés chélatantes, P14, CFR 8, Les polymères: des Matériaux Fonctionnels au cœur des Nouvelles Technologies, Grenoble, France 26-30 August, <b>2007</b> .	<b>10.000</b>
16.	Dragan, D., Duncianu, M., Cucu-Man, S., Mocanu, R., Environmental biomonitoring extending, 15 <sup>th</sup> International Seminar on interaction of Neutrons with Nuclei, Dubna, Russian Federation, 24-26 May, <b>2007</b> .	<b>10.000</b>
17.	Dragan, D., Cucu-Man, S., Dirtu, A.C., Mocanu, R., Covaci, A., Tree bark and moss as indicators for air pollution with organochlorine pesticides in Romania, 26th International Symposium on halogenated persistent organic pollutants: Dioxin 2006, Oslo, Norway, 21–25 August, <b>2006</b> .	<b>10.000</b>
18.	Mocanu, R., Dragan, D., Cucu-Man, S., Monitoring atmospheric deposition of persistent organic pollutants and heavy metals in Eastern Romania, 6 <sup>th</sup> International Symposium on Advanced Environmental Monitoring, Heidelberg, Germany, 27-30 June, <b>2006</b> .	<b>10.000</b>
19.	Mocanu, R., Cucu-Man, S., Duncianu, M., Mapping levels of the regional heavy metal deposition based on moss and tree bark monitoring (Prut River basin-Romania), 10 <sup>th</sup> EuCheMS – DCE International Conference on Chemistry and the Environment. The Role of Chemistry in the Environment: our choice, our life. Research, Education and Professional, Rimini, Italy, 04-07 September, <b>2005</b> .	<b>10.000</b>
20.	Mocanu, R., Cucu-Man, S., Steinnes, E., Epigeic and epiphytic mosses as monitors of heavy metal atmospheric deposition, Book of abstracts, pp. 153, 9th FECS Conference and 2nd SFC Meeting on Chemistry and the Environment, Bordeaux, France, 29 August – 01 September, <b>2004</b> .	<b>10.000</b>

21.	Cucu-Man, S., Biomonitoring of atmospheric heavy metal deposition, Workshop "Heavy metal pollution problems associated with transboundary water resources. Prut River. Realities and tendencies, Chisinau, Republic of Moldova, 9 October, <b>2003</b> .	<b>10.000</b>
22.	Cucu-Man, S., Mocanu, R., Steinnes, E., Native and transplanted mosses – biomonitors of atmospheric heavy metal deposition, Abstracts of communications, pp. 43, 1 <sup>st</sup> International Conference of the Moldavian Chemical Society „Achievements and perspectives of modern chemistry”, Chisinau, Republic of Moldova, 06-08 October, <b>2003</b> .	<b>10.000</b>
23.	Culicov, O.A., Cucu-Man, S., Mocanu, R., Lucaciu, A., Oprea, C., Frontasyeva, M.V., Steinnes, E., Passive moss biomonitoring technique, NAA and AAS applied to atmospheric pollution studies in Romania, Perspectives of Life Science Researches at Nuclear Centers, Varna, Bulgaria, 21-27 September, <b>2003</b> .	<b>10.000</b>
24.	Lucaciu, A., Timofte, L., Culicov, O., Frontasyeva, M.V., Oprea, C., Cucu-Man, S., Mocanu, R., Steinnes, E., Atmospheric deposition of trace elements in Romania studied by the moss biomonitoring technique, 3 <sup>rd</sup> International Workshop on Biomonitoring of Atmospheric Pollution, BioMAP-3, Bled, Slovenia, 21-25 September, <b>2003</b> .	<b>10.000</b>
25.	Cucu-Man, S., Mocanu, R., Steinnes, E., Active and passive monitoring: complementary techniques for extending heavy metal biomonitoring network, 2 <sup>nd</sup> Black Sea Basin Conference on Analytical Chemistry, Sile Istanbul, Turkey, 14-17 September, <b>2003</b> .	<b>10.000</b>
26.	Cucu-Man, S., Steinnes, E., Mocanu, R., Moss transplant as a means for consolidate the regional heavy metal biomonitoring of the atmosphere, The 4 <sup>th</sup> International Conference on Carpathian Euroregion Ecology, Miskolc, Hungary, 28-30 April, <b>2003</b> .	<b>10.000</b>
27.	Mocanu, R., Cucu-Man, S., Steinnes, E., Heavy metals everlasting presence: a threat of transboundary pollution, The 4 <sup>th</sup> International Conference on Carpathian Euroregion Ecology, Miskolc, Hungary, 28-30 April, <b>2003</b> .	<b>10.000</b>
28.	Cucu-Man, S., Mocanu, R., Culicov, O., Steinnes, E., Frontasyeva, M., Use of different multi-element analytical techniques to study atmospheric deposition in Romania, Book of abstracts, pp. 66, Adams, F., Rosenberg, E., Van't dack, L., 6 <sup>th</sup> Euroconference on Analytical Chemistry, New horizons for environmental analytical chemistry through miniaturisation and nanotechnology, Erperheide, Belgium, 18-22 October, <b>2002</b> .	<b>10.000</b>
29.	Donisa, C., Steinnes, E., Mocanu, R., Cucu-Man, S., Speciation patterns of heavy metals in sediments by two different sequential extraction schemes, Book of abstracts, pp. 44, Adams, F., Rosenberg, E., Van't dack, L., 6 <sup>th</sup> Euroconference on Analytical Chemistry, New horizons for environmental analytical chemistry through miniaturisation and nanotechnology, Erperheide, Belgium, 18-22 October, <b>2002</b> .	<b>10.000</b>
30.	Mocanu, R., Cucu-Man, S., Steinnes, E., Biomonitoring of heavy metal atmospheric deposition in Prut river catchment (Romania), in Environmental Science and Pollution Research, Special Issue 3, pp. 158, 8 <sup>th</sup> FECS Conference „Chemistry for a sustaining World”, Athens, Greece, 31 August - 04 September, <b>2002</b> .	<b>10.000</b>
31.	Dulman, V., Luca, C., Neagu, V., Cucu-Man, S., Immobilization of catalase and glucoseoxidase on strong anion exchangers, Book of abstracts, P-214, Euroanalysis XI, European Conference on Analytical Chemistry, Lisbon, Portugal, 03-08 September, <b>2000</b> .	<b>10.000</b>
<b>TOTAL PUNCTE</b>		<b>310.000</b>
<b>TOTAL PUNCTE 2006-2016</b>		<b>310.000</b>

Naționale – membru comitet organizare - Punctaj acordat: 5 puncte pentru fiecare activitate

Nr. crt.	Manifestare științifică	Puncte
32.	Sesiunea de comunicări științifice a studenților, masteranzilor și doctoranzilor „Chimia - frontieră deschisă spre cunoaștere”, ediția a VI-a, Universitatea „Alexandru Ioan Cuza” din Iași, 26 iunie, <b>2015</b> .	<b>5.000</b>
33.	Sesiunea de comunicări științifice a studenților, masteranzilor și doctoranzilor „Chimia - frontieră deschisă spre cunoaștere”, ediția a VI-a, Universitatea „Alexandru Ioan Cuza” din Iași, 27 iunie, <b>2014</b> .	<b>5.000</b>
34.	Sesiunea de comunicări științifice a studenților, masteranzilor și doctoranzilor „Chimia - frontieră deschisă spre cunoaștere”, ediția a VI-a,	<b>5.000</b>

	Universitatea "Alexandru Ioan Cuza" din Iași, 28 iunie, <b>2013</b> .	
35.	Sesiunea de comunicări științifice a studenților, masteranzilor și doctoranzilor „Chimia - frontieră deschisă spre cunoaștere”, ediția a VI-a, Universitatea "Alexandru Ioan Cuza" din Iași, 26 iunie, <b>2012</b> .	<b>5.000</b>
<b>TOTAL PUNCTE</b>		<b>20.000</b>
<b>TOTAL PUNCTE 2006-2016</b>		<b>20.000</b>

Naționale – raportor pe secțiuni/paneluri - Punctaj acordat: 2 puncte pentru fiecare activitate

<b>Nr. crt.</b>	<b>Autori/Titlu prezentare/Titlu manifestare științifică</b>	<b>Puncte</b>
36.	Cucu-Man, S.M., Buhaceanu, R., Dogariu, A., Bunia, I., Dulman, V., Decolorization of Basic Blue 41 by hydrogen peroxide using a heterogeneous catalytic system consisting of Cu(II)–macroporous chelating polymer functionalized with diethylenetriamine, Acta Chemica Iasi, 23(2), pp. 130, „Alexandru Ioan Cuza” University Days, Faculty of Chemistry Conference, Iasi, 29-30 October, <b>2015</b> .	<b>2.000</b>
37.	Cucu-Man, S.M., Tarcau, D., Culicov, O.A., Buhaceanu, R., Vintu, V., Frontasyeva, M.V., Essential elements in forages from permanent grasslands of North-Eastern Romania. Implications for animal nutrition, Acta Chemica Iasi, 23(2), pp. 129, „Alexandru Ioan Cuza” University Days, Faculty of Chemistry Conference, 29-30 October, <b>2015</b> .	<b>2.000</b>
38.	Tarcau, D., Negru, A.G., Vintu, V., Samuil, C., Cucu-Man, S.M., Influence of organic and mineral fertilization on the content of polyphenols and tannins of forages from a permanent grassland in north-eastern Romania (Cosna), Acta Chemica Iasi, 21(2), pp. 51, „Alexandru Ioan Cuza” University Days, Faculty of Chemistry Conference, Iasi, 31 October – 2 November, <b>2013</b> .	<b>2.000</b>
39.	Pirtac, A., Cucu-Man, S.M., Sorption of tetracycline on agricultural soils, Acta Chemica Iasi – Supliment, 21(1), pp. 32-33, Sesiunea de comunicări științifice a studenților, masteranzilor și doctoranzilor „Chimia - frontieră deschisă spre cunoaștere”, editia a IV-a, Universitatea "Alexandru Ioan Cuza" din Iași, Iași, 28 iunie, <b>2013</b> .	<b>2.000</b>
40.	Tarcau, D., Vintu, V., Samuil, C., Cucu-Man, S., Polyphenolic composition of a permanent pasture under influence of organic fertilization, Zootehnia modernă - strategii, oportunități și performanțe europene, Facultatea de Zootehnie, Universitatea de Științe Agricole și Medicină Veterinară „Ion Ionescu de la Brad” Iași, Iași, 25-26 aprilie, <b>2013</b> .	<b>2.000</b>
41.	Cucu-Man, S.M., Buhaceanu, R., Frontasyeva, M., Culicov, O., Preliminary data on contribution of Eastern Romania to the monitoring of atmospheric heavy metal deposition in Europe using bryophytes (2010 Survey), Acta Chemica Iasi, 20(2), pp. 41, Zilele Universității „Alexandru Ioan Cuza” din Iași, Conferința Facultății de Chimie, Iași, 25-26 octombrie, <b>2012</b> .	<b>2.000</b>
42.	Tarcau, D., Cucu-Man, S., Stavarache, M., Samuil, C., Vintu, V., Mineral versus organic fertilization. Effect on the quality of forages produced on a grassland of Nardus Stricta L., Al 55-lea Simpozion Internațional, "100 de ani de învățământ superior agronomic la Iași", Facultatea de Agricultură, Universitatea de Științe Agricole și Medicină Veterinară „Ion Ionescu de la Brad” Iași, Iași, 23-25 octombrie, <b>2012</b> .	<b>2.000</b>
43.	Cucu-Man, S.M., Buhăceanu, R.L., Bărsănescu A., Dulman V., As55-Cu(II)- obținere și aplicații în degradarea unor coloranți, Sesiunea de comunicări științifice, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, Iași, 28 octombrie, <b>2011</b> .	<b>2.000</b>
44.	Dulman, V., Cucu-Man, S.M., Bunia, I., Diaconu, R., Adsorbția colorantului textil Reactive Orange G pe schimbători de ioni funcționalizați, Sesiunea de comunicări științifice, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, Iași, 30-31 octombrie, <b>2009</b> .	<b>2.000</b>
45.	Hriscu, L., Tarcău, D., Buhăceanu, R., Cucu-Man, S.M., Influența unor parametri chimici edafici asupra biodiversității plantelor din zona Popricani (județul Iași), Sesiunea de comunicări științifice, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, Iași, 30-31 octombrie, <b>2009</b> .	<b>2.000</b>
46.	Dulman, V., Simion, C., Bărsănescu, A., Cucu-Man, S., Buhăceanu, R., Bunia, I., Sorbția unor coloranți reactivi pe noi polimeri sintetici, Book of abstracts, A XXX- a Conferință Națională de Chimie, ISBN 973750124-1, Calimănești-Căciulata, 08-10 octombrie, <b>2008</b> .	<b>2.000</b>
47.	Mocanu, R., Gheorgheș, M., Pancu, C., Dragan, D., Cucu-Man, S., Mocanu, R., Le Dernier Grand Bassin de l'est de l'UE: La Rivière Prut,	<b>2.000</b>

	Roumanie, "EUROPE-INBO, 2008" International Conference on the implementation of the European Water framework directive, Sibiu, România, 01-03 octombrie, <b>2008</b> .	
48.	Dulman, V., Simion, C., Bârsănescu, A., <u>Cucu-Man, S.</u> , Buhăceanu, R., Bunia, I., Decolorarea unor soluții de coloranți textili prin noi procedee de sorbție și oxidative, Conferința din cadrul Programul de Cercetare de Excelență 2005-2008, MENER (Mediu), Sinaia, România, 04-07 septembrie, <b>2008</b> .	<b>2.000</b>
49.	<u>Cucu-Man, S.</u> , Buhăceanu, R., Olariu, R., Neagu, V., Luca, C., Adsorbția în condiții dinamice a unor coloranți textili pe copolimeri acrilici funcționalizați cu amine, Sesiunea de comunicări științifice, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, Iași, 26-27 octombrie, <b>2007</b> .	<b>2.000</b>
50.	Mocanu, R., Dragan, D., <u>Cucu-Man, S.</u> , Monitoring and evaluation of heavy metals and POPs in different matrices, Book of abstracts, pp. xx, International Conference on Trends in Environmental Education EnvEdu 2006, Sica, M., Draghici, C., eds., Universitatea Transilvania, Brasov, 19-21 November, <b>2006</b> .	<b>2.000</b>
51.	Dulman, V., <u>Cucu-Man, S.</u> , A comparative study on the sorption of some basic dyes on the Nereju native zeolitic volcanic tuff, Book of abstracts, pp. 70, International Conference on Trends in Environmental Education EnvEdu 2006, Sica, M., Draghici, C., eds., Universitatea Transilvania, Brasov, Romania, 19-21 November, <b>2006</b> .	<b>2.000</b>
52.	Bunia, I., Neagu, V., Luca, C., <u>Cucu-Man, S.</u> , Dulman, V., Sinteza unor noi schimbatori de ioni cu proprietati complexante, Sesiunea de comunicări științifice, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, Iași, 27-28 octombrie, <b>2006</b> .	<b>2.000</b>
53.	Dragan, D., <u>Cucu-Man, S.</u> , Mocanu, R., Temporal variation of organochlorine pesticides and polychlorinated biphenyls in soils from eastern Romania, Second International Conference on Environmental Research and Assessment, Bucuresti, 05-08 October, <b>2006</b> .	<b>2.000</b>
54.	Dulman, V., <u>Cucu-Man, S.</u> , Odochian, L., Adsorption behavior of some synthetic dyes in aqueous solution on the Nereju native zeolitic volcanic tuff, Second International Conference on Environmental Research and Assessment, Bucuresti, 05-08 October, <b>2006</b> .	<b>2.000</b>
55.	Dulman, V., <u>Cucu-Man, S.</u> , Adsorbția unor coloranți sintetici din soluții apoase pe tuful vulcanic zeolitic nativ Mârșid, Book of abstracts, pp. 441, ISBN - 10 973-750-049-0, ISBN - 13 978-973-750-049-6, A XXIX-a Conferință Națională de Chimie, Călimănești-Căciulata, 04-06 octombrie, <b>2006</b> .	<b>2.000</b>
56.	Dragan, D., <u>Cucu-Man, S.</u> , Gavriloiu, T., Mocanu, R., Covaci, A., Air Pollution with organochlorine pesticides in eastern Romania, 7 <sup>th</sup> Subregional meeting of the effects - oriented activities of eastern and south-eastern European countries, Baia Mare, 28 September - 01 October, <b>2006</b> .	<b>2.000</b>
57.	Dulman, V., <u>Cucu-Man, S.</u> , Studiul comparativ al adsorbției colorantului Direct Orange 8 pe sorbenți lignoceleulozici neconvenționali, Sesiunea de comunicări științifice, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, Iași, 28-29 octombrie, <b>2005</b> .	<b>2.000</b>
58.	<u>Cucu-Man, S.</u> , Mocanu, R., Steinnes, E., Studiul depunerilor atmosferice de metale grele în estul României utilizând diferiți biomonitori, Sesiunea de comunicări științifice, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, Iași, 28-29 octombrie, <b>2005</b> .	<b>2.000</b>
59.	Dragan, D., Dirtu, A., <u>Cucu-Man, S.</u> , Mocanu, R., Van Vaeck, L., Covaci, A., Distribution of organochlorine pesticides and polychlorinated biphenyls in soils and sediments from Eastern Romania, PC37, 3 <sup>rd</sup> Black Sea Basin Conference on Analytical Chemistry, ISBN 614-291-4, Ovidius University Press, Constanta, 12-14 September, <b>2005</b> .	<b>2.000</b>
60.	Duncanianu, M., <u>Cucu-Man, S.</u> , Mocanu, R., Mapping levels of heavy metals deposition in Prut River basin, OB5, 3 <sup>rd</sup> Black Sea Basin Conference on Analytical Chemistry, ISBN 614-291-4, Ovidius University Press, Constanta, 12-14 September, <b>2005</b> .	<b>2.000</b>
61.	<u>Cucu-Man, S.</u> , Mocanu, R., Steinnes, E., Epiphytic mosses and their substratum (tree bark) as biomonitors of heavy metal atmospheric deposition, PB28, 3 <sup>rd</sup> Black Sea Basin Conference on Analytical Chemistry, ISBN 614-291-4, Ovidius University Press, Constanta, 12-14 September, <b>2005</b> .	<b>2.000</b>
62.	<u>Cucu-Man, S.</u> , Mocanu, R., Steinnes, E., Specia <i>Hypnum cupressiforme</i> - biomonitor al depunerilor atmosferice de metale grele, Sesiunea de comunicări științifice, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, Iași, 29-30 octombrie, <b>2004</b> .	<b>2.000</b>
63.	Dulman, V., <u>Cucu-Man, S.</u> , Popa, V., Sorbția unor coloranți din industria textilă pe pulbere de fag, Sesiunea de comunicări științifice,	<b>2.000</b>



	Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, Iași, 29-30 octombrie <b>2004</b> .	
64.	Mocanu, R., <u>Cucu-Man, S.</u> , Le monitoring et le biomonitoring des métaux lourds, Actes du troisieme Colloque Franco-Roumain de Chimie Appliquee, pp. 11, ISBN 973-8392-36-5, ISBN 9975-63-183-5, Le Troisieme Colloque Franco-Roumain de Chimie Appliquee, COFrRoCA-2004, Slanic Moldova, Bacau, Roumanie, 22-26 Septembre, <b>2004</b> .	<b>2.000</b>
65.	Mocanu, R., <u>Cucu-Man, S.</u> , To teach, to learn – to learn for to teach, Book of abstracts EnvEdu 2004, International Conference on Trends in Environmental Education, Draghici, C., Perniu, D., Sica, M. eds., Editura Universitatii Transilvania Brasov, ISBN 973-635-360-5, pp. 1, Brasov, 06-08 June, <b>2004</b> .	<b>2.000</b>
66.	<u>Cucu-Man, S.</u> , Mocanu, R., Steinnes, E., Monitorizarea activă și pasivă: tehnici complementare pentru extinderea rețelelor de biomonitorizare, Sesiunea de comunicări științifice, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, Iași, 31 octombrie - 01 noiembrie, <b>2003</b> .	<b>2.000</b>
67.	Mocanu, R., <u>Cucu-Man, S.</u> , Heavy metals, everlasting atmospheric pollutants: topical monitoring (mosses), International Conference on Materials Science and Engineering BRAMAT 2003, Brasov, 13-14 martie, <b>2003</b> .	<b>2.000</b>
68.	Dulman, V., Odochian, L., <u>Cucu-Man, S.</u> , Dumitras, M., Studiul prin metode termice neizoterme a reținerii unor coloranți pe coaja de molid, Sesiunea de comunicări științifice, Facultatea de Chimie, Universitatea „Alexandru Ioan Cuza” din Iași, Iași, <b>2002</b> .	<b>2.000</b>
69.	Mocanu, R., <u>Cucu-Man, S.</u> , Pollution atmosphérique et le “biomonitoring” des métaux lourds, Le deuxieme Colloque Franco-Roumain de Chimie Appliquee, Cofroca, Bacau, 10-12 Octobre, <b>2002</b> .	<b>2.000</b>
70.	<u>Cucu-Man, S.</u> , Mocanu, R., Steinnes, E., Frontasyeva, M., Biomonitoring de métaux lourds dans le bassin hydrographique de Prut (Romania), Le deuxieme Colloque Franco-Roumain de Chimie Appliquee, Cofroca, Bacau, 10-12 Octobre, <b>2002</b> .	<b>2.000</b>
71.	<u>Cucu-Man, S.</u> , Mocanu, R., Steinnes, E., Atmospheric heavy metal survey by means of mosses: a regional study (Iasi, Romania), 1st International Environmental Engineering and management ICEEM/01, Iasi, 26-28 September, <b>2002</b> .	<b>2.000</b>
72.	<u>Cucu-Man, S.</u> , Bejan, I., Steinnes, E., Mocanu, R., Heavy metal atmospheric deposition in Iasi area studied by the moss biomonitoring technique, 1 <sup>st</sup> Romanian International Conference on Analytical Chemistry, Brasov, 21-23 September, <b>2000</b> .	<b>2.000</b>
73.	Dulman, V., <u>Cucu-Man, S.</u> , Reținerea unor coloranți pe sorbenți neconvenționali lignocelulozici, Conferința Națională “Chimia Analitică și Controlul de Calitate”, Iași, 23-24 Septembrie, <b>1999</b> .	<b>2.000</b>
<b>TOTAL PUNCTE</b>		<b>62.000</b>
<b>TOTAL PUNCTE 2006-2016</b>		<b>62.000</b>
<b>TOTAL PUNCTE / DESCRIPTOR</b>		<b>392.000</b>
<b>TOTAL PUNCTE / DESCRIPTOR 2006-2016</b>		<b>392.000</b>

## II. ACTIVITATEA DIDACTICĂ (30%)

### 1. Tratatate și manuale universitare

2. Proiecte didactice (înființare/dotare laboratoare licență, master, săli workshop, biblioteci proprii facultăților, departamentelor, laboratoarelor și grupurilor de cercetare)

### 3. Materiale suport curs, seminar, lucrări practice și programe analitice detaliate

Punctaj acordat: 10 puncte pentru fiecare activitate

<b>Nr. crt.</b>	<b>Disciplina - Suport curs / Suport lucrări practice / Programa analitică detaliată</b>	<b>Puncte</b>
1.	Managementul calității în analiza chimică. Reglementări ISO (II Master CBH, II Master CMSA) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. II, <b>2015-2016</b> .	<b>30.000</b>
2.	Controlul analitic al proceselor biotehnologice (III BT) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. I, <b>2015-2016</b> .	<b>30.000</b>
3.	Controlul analitic al proceselor biotehnologice (III BT) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. I, <b>2014-2015</b> .	<b>30.000</b>
4.	Chimie analitică (II Master CSI) - Suport curs / Suport seminar / Programa analitică detaliată, sem. II, <b>2013-2014</b> .	<b>30.000</b>
5.	Controlul analitic al medicamentelor și produselor cosmetice (II Master CPCF) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. I, <b>2013-2014</b> .	<b>30.000</b>
6.	Controlul analitic al proceselor biotehnologice (III BT) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. I, <b>2013-2014</b> .	<b>30.000</b>
7.	Controlul analitic al proceselor biotehnologice (III BT) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. II, <b>2012-2013</b> .	<b>30.000</b>
8.	Chimie analitică (II Master CSI) - Suport curs / Suport seminar / Programa analitică detaliată, sem. II, <b>2012-2013</b> .	<b>30.000</b>
9.	Controlul analitic al medicamentelor și produselor cosmetice (II Master CPCF) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. I, <b>2012-2013</b> .	<b>30.000</b>
10.	Capitole speciale de chimie analitică (II Master DC) - Suport curs / Suport seminar / Programa analitică detaliată, sem. II, <b>2011-2012</b> .	<b>30.000</b>
11.	Controlul analitic al proceselor biotehnologice (III BT) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. II, <b>2011-2012</b> .	<b>30.000</b>
12.	Controlul analitic al medicamentelor și produselor cosmetice (II Master CPCF) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. I, <b>2011-2012</b> .	<b>30.000</b>
13.	Controlul analitic al proceselor biotehnologice (III BT) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. II, <b>2010-2011</b> .	<b>30.000</b>
14.	Controlul analitic al medicamentelor și produselor farmaceutice (II Master CPCF) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. I, <b>2010-2011</b> .	<b>30.000</b>
15.	Analiza prin speciație aplicată în investigarea mediului (II Master DSCACM) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. II, <b>2009-2010</b> .	<b>30.000</b>
16.	Monitorizarea și controlul analitic în remedierea mediului (II Master DSCACM) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. I, <b>2009-2010</b> .	<b>30.000</b>
17.	Analiza prin speciație aplicată în studiul mediului (II Master DASC) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. II, <b>2008-2009</b> .	<b>30.000</b>
18.	Biomonitorizarea și controlul analitic al bioremedierii (II Master DASC) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. I, <b>2008-2009</b> .	<b>30.000</b>
19.	Biomonitorizarea și controlul analitic al bioremedierii (II Master DASC) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. II, <b>2007-2008</b> .	<b>30.000</b>
20.	Controlul analitic al proceselor biotehnologice (III BT) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. II, <b>2007-2008</b> .	<b>30.000</b>
21.	Analiza prin speciație aplicată în studiul mediului (II Master DASC) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. II, <b>2007-2008</b> .	<b>30.000</b>
22.	Controlul analitic al proceselor biotehnologice (IV BT) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. II, <b>2007-2008</b> .	<b>30.000</b>
23.	Controlul analitic al proceselor biotehnologice (IV BT) - Suport curs / Suport lucrări practice / Programa analitică detaliată, sem. II, <b>2006-2007</b> .	<b>30.000</b>
<b>TOTAL PUNCTE / DESCRIPTOR</b>		<b>690.000</b>
<b>TOTAL PUNCTE / DESCRIPTOR 2006-2016</b>		<b>690.000</b>

#### 4. Organizare de aplicații și practică de specialitate

Lector dr. Simona-Maria Cucu-Man