

## Fișa de Autoevaluare

### A. ACTIVITATEA DE CERCETARE

Nr.	Descriptor	Puncte	
1	Articole științifice în reviste cotate Web of Science cu factor de impact	2290.5	
2	Articole științifice publicate in extenso în reviste indexate fără factor de impact	59	
3	Articole științifice publicate in extenso în volumele conferințelor, indexate în BDI	34.4	
4	Cărți/Capitole de cărți publicate în edituri academice naționale/internaționale	110.7	
5	Contracte de cercetare științifică	707.2	
6	Citări și recenzii ale lucrărilor științifice	9146.2	
7	Lucrări susținute în calitate de invitat la manifestări științifice	10	
8	Profesor/cercetător invitat la universități/institute de cercetare	75	
9	Premii (naționale)	20	
10	Participări la manifestări științifice internaționale	30	
TOTAL PUNCTE/DESCRIPTOR		12483	

### B. ACTIVITATEA DIDACTICĂ

Nr.	Descriptor	Puncte	
1	Materiale suport curs, seminar, lucrări practice și programe analitice detaliate	60	
2	Organizare de aplicații și practică de specialitate	10	
TOTAL PUNCTE/DESCRIPTOR		70	

## Fișa de Autoevaluare

### A. ACTIVITATEA DE CERCETARE

#### Articole științifice în reviste cotate Web of Science cu factor de impact

Nr. Crt.	Autori	Titlul Articolului	Jurnal	Volum	Iss.	Pagini	An	Număr Autori	Factor Impact (2013)	Puncte Articol
1	Louis C, Covaci A, Stas M, Crocker DE, Malarvannan G, Dirtu AC, Debier C	Bioaccumulation of hydroxylated polychlorinated biphenyls and pentachlorophenol in the serum of northern elephant seal pups ( <i>Mirounga angustirostris</i> )	ENVIRONMENTAL RESEARCH	136		441-448	2015	7	3.951	37.44
2	Dirtu AC, Buczynska AJ, Godoi AFL, Favoreto R, Bencs L, Potgieter-Vermaak SS, Godoi RHM, Van Grieken R, Van Vaeck L	Methods, fluxes and sources of gas phase alkyl nitrates in the coastal air	ENVIRONMENTAL MONITORING AND ASSESSMENT	186	(10)	6445-6457	2014	9	1.679	13.97
3	Ali N, Mehdi T, Malik RN, Eqani SAMAS, Kamal A, Dirtu AC, Neels H, Covaci A	Levels and profile of several classes of organic contaminants in matched indoor dust and serum samples from occupational settings of Pakistan	ENVIRONMENTAL POLLUTION	193		269-276	2014	8	3.902	32.39
4	Louis C, Dirtu AC, Stas M, Guiot Y, Malarvannan G, Das K, Costa DP, Crocker DE, Covaci A, Debier C	Mobilisation of lipophilic pollutants from blubber in northern elephant seal pups ( <i>Mirounga angustirostris</i> ) during the post-weaning fast	ENVIRONMENTAL RESEARCH	132		438-448	2014	10	3.951	26.21
5	Dirinck EL, Dirtu AC, Govindan M, Covaci A, Van Gaal LF, Jorens PG	Exposure to Persistent Organic Pollutants: Relationship With Abnormal Glucose Metabolism and Visceral Adiposity	DIABETES CARE	37	(7)	1951-1958	2014	6	8.57	89.87
6	Ionas AC, Dirtu AC, Anthonissen T, Neels H, Covaci A	Downsides of the recycling process: Harmful organic chemicals in children's toys	ENVIRONMENT INTERNATIONAL	65		54-62	2014	5	5.664	72.97
7	Pereira-Fernandes A, Dirinck E, Dirtu AC, Malarvannan G, Covaci A, Van Gaal L, Vanparys C, Jorens PG, Blust R	Expression of Obesity Markers and Persistent Organic Pollutants Levels in Adipose Tissue of Obese Patients: Reinforcing the Obesogen Hypothesis?	PLOS ONE	9	(1)	e84816	2014	9	3.534	26.34

<b>8</b>	Dirtu AC, Dirinck E, Malarvannan G, Neels H, Van Gaal L, Jorens PG, Covaci A	Dynamics of Organohalogenated Contaminants in Human Serum from Obese Individuals during One Year of Weight Loss Treatment	ENVIRONMENTAL SCIENCE & TECHNOLOGY	47	(21)	12441-12449	2013	7	<b>5.481</b>	<b>50.55</b>
<b>9</b>	Dirtu AC, Geens T, Dirinck E, Malarvannan G, Neels H, Van Gaal L, Jorens PG, Covaci A	Phthalate metabolites in obese individuals undergoing weight loss: Urinary levels and estimation of the phthalates daily intake	ENVIRONMENT INTERNATIONAL	59		344-353	2013	8	<b>5.664</b>	<b>45.61</b>
<b>10</b>	Coakley JD, Harrad SJ, Goosey E, Ali N, Dirtu AC, Van den Eede N, Covaci A, Douwes J, 't Mannetje A	Concentrations of polybrominated diphenyl ethers in matched samples of indoor dust and breast milk in New Zealand	ENVIRONMENT INTERNATIONAL	59		255-261	2013	9	<b>5.664</b>	<b>40.54</b>
<b>11</b>	Malarvannan G, Dirinck E, Dirtu AC, Pereira-Fernandes A, Neels H, Jorens PG, Gaal LV, Blust R, Covaci A	Distribution of persistent organic pollutants in two different fat compartments from obese individuals	ENVIRONMENT INTERNATIONAL	55		33-42	2013	9	<b>5.664</b>	<b>40.54</b>
<b>12</b>	Ali, N., Ali, L., Mehdi, T., Dirtu, A.C., Al-Shammari, F., Neels, H., Covaci, A.	Levels and profiles of organochlorines and flame retardants in car and house dust from Kuwait and Pakistan: Implication for human exposure via dust ingestion	ENVIRONMENT INTERNATIONAL	55		62-70	2013	7	<b>5.664</b>	<b>52.12</b>
<b>13</b>	Dirtu AC, Niessen SJM, Jorens PG, Covaci A	Organohalogenated contaminants in domestic cats' plasma in relation to spontaneous acromegaly and type 2 diabetes mellitus: A clue for endocrine disruption in humans?	ENVIRONMENT INTERNATIONAL	57-58		60-67	2013	4	<b>5.664</b>	<b>91.21</b>
<b>14</b>	Dirtu AC, Abdallah MAE, Covaci A	Advances in the sample preparation of brominated flame retardants and other brominated compounds	TRAC-TRENDS IN ANALYTICAL CHEMISTRY	43		189-203	2013	3	<b>6.612</b>	<b>140.57</b>
<b>15</b>	Dirtu AC, Van den Eede N, Malarvannan G, Ionas AC, Covaci A	Analytical methods for selected emerging contaminants in human matrices-a review.	ANALYTICAL AND BIOANALYTICAL CHEMISTRY	404	9	2555-2581	2012	5	<b>3.578</b>	<b>47.94</b>
<b>16</b>	Kiciński M, Viaene MK, Den Hond E, Schoeters G, Covaci A, Dirtu AC, Nelen V, Bruckers L, Croes K, Sioen I, Baeyens W, Van Larebeke N, Nawrot TS.	Neurobehavioral function and low-level exposure to brominated flame retardants in adolescents: A cross-sectional study	ENVIRONMENTAL HEALTH: A Global Access Science Source	1	1	1-12	2012	13	<b>2.713</b>	<b>14.44</b>
<b>17</b>	Dodson, R.E., Perovich, L.J., Covaci, A., Van Den Eede, N., Ionas, A.C., Dirtu, A.C., Brody, J.G., Rudel, R.A.	After the PBDE phase-out: A broad suite of flame retardants in repeat house dust samples from California	ENVIRONMENTAL SCIENCE & TECHNOLOGY	46	24	13056-13066	2012	8	<b>5.481</b>	<b>44.23</b>
<b>18</b>	Dirtu, A.C., Ali, N., Van den Eede, N., Neels, H., Covaci, A.	Country specific comparison for profile of chlorinated, brominated and phosphate organic contaminants in indoor dust. Case study for Eastern Romania, 2010	ENVIRONMENT INTERNATIONAL	49		1-8	2012	5	<b>5.664</b>	<b>72.97</b>

19	Croes, K. , Colles, A., Koppen, G., Govarts, E., Bruckers, L., Van de Mierop, E., Nelen, V., Covaci, A., Dirtu, A.C., Thomsen, C., Haug, L.S., Becher, G., Mampaey, M., Schoeters, G., Van Larebeke, N., Baeyens, W	Persistent organic pollutants (POPs) in human milk: A biomonitoring study in rural areas of Flanders (Belgium)	CHEMOSPHERE	89	8	988-994	2012	16	3.499	14.68
20	Ali N, Dirtu AC, Van den Eede N, Goosey E, Harrad S, Neels H, 't Mannetje A, Coakley J, Douwes J, Covaci A	Occurrence of alternative flame retardants in indoor dust from New Zealand: Indoor sources and human exposure assessment	CHEMOSPHERE	88	11	1276-1282	2012	10	3.499	23.49
21	Ali, N., Van den Eede, N., Dirtu, .A.C., Neels, H., Covaci, A.	Assessment of human exposure to indoor organic contaminants via dust ingestion in Pakistan	INDOOR AIR	22	3	200-211	2012	5	4.202	55.42
22	Petro, E.M.L., Leroy, J.L.M.R., Covaci, A., Fransen, E., De Neubourg, D., Dirtu, A.C., De Pauw, I., Bols, P.E.J.	Endocrine-disrupting chemicals in human follicular fluid impair in vitro oocyte developmental competence	HUMAN REPRODUCTION	27	4	1025-1033	2012	8	4.585	37.51
23	Van Den Eede, N., Dirtu, A.C., Ali, N., Neels, H., Covaci, A.	Multi-residue method for the determination of brominated and organophosphate flame retardants in indoor dust	TALANTA	89		292-300	2012	5	3.511	47.13
24	Schnitzler, J.G., Celis, N., Klaren, P.H.M., Blust, R., Dirtu, A.C., Covaci, A., Das, K.	Thyroid dysfunction in sea bass ( <i>Dicentrarchus labrax</i> ): Underlying mechanisms and effects of polychlorinated biphenyls on thyroid hormone physiology and metabolism	AQUATIC TOXICOLOGY	105	3-4	438-447	2011	7	3.513	33.68
25	Van den Steen E, Poisbleau M, Demongin L, Covaci A, Dirtu AC, Pinxten R, van Noordwijk HJ, Quillfeldt P, Eens M	Organohalogenated contaminants in eggs of rockhopper penguins ( <i>Eudyptes chrysocome</i> ) and imperial shags ( <i>Phalacrocorax atriceps</i> ) from the Falkland Islands	SCIENCE OF THE TOTAL ENVIRONMENT	409	(14)	2838-2844	2011	9	3.163	23.86
26	Van den Eede N, Dirtu AC, Neels H, Covaci A	Analytical developments and preliminary assessment of human exposure to organophosphate flame retardants from indoor dust	ENVIRONMENT INTERNATIONAL	37	(2)	454-461	2011	4	5.664	91.21
27	Petro EML, Covaci A, Leroy JLMR, Dirtu AC, De Coen W, Bols PEJ	Occurrence of endocrine disrupting compounds in tissues and body fluids of Belgian dairy cows and its implications for the use of the cow as a model to study endocrine disruption	SCIENCE OF THE TOTAL ENVIRONMENT	408	(22)	5423-5428	2010	6	3.163	35.80
28	Dirtu AC, Covaci A	Estimation of Daily Intake of Organohalogenated Contaminants from Food Consumption and Indoor Dust Ingestion in Romania	ENVIRONMENTAL SCIENCE & TECHNOLOGY	44	(16)	6297-6304	2010	2	5.481	176.93
29	Van Meel K, Horemans B, Krata A, Bencs L, Buczynska AJ, Dirtu AC, Worobiec A, Van Grieken R	Elemental concentrations in aerosols at the Belgian coast versus seasons and air mass trajectories	ENVIRONMENTAL CHEMISTRY LETTERS	8	(2)	157-163	2010	8	1.906	17.42

<b>30</b>	Dirtu AC, Jaspers VLB, Cernat R, Neels H, Covaci A	Distribution of PCBs, Their Hydroxylated Metabolites, and Other Phenolic Contaminants in Human Serum from Two European Countries	ENVIRONMENTAL SCIENCE & TECHNOLOGY	44	(8)	2876-2883	2010	5	<b>5.481</b>	<b>70.77</b>
<b>31</b>	Dorneles PR, Lailson-Brito J, Dirtu AC, Weijs L, Azevedo AF, Torres JPM, Malm O, Neels H, Blust R, Das K, Covaci A	Anthropogenic and naturally-produced organobrominated compounds in marine mammals from Brazil	ENVIRONMENT INTERNATIONAL	36	(1)	60-67	2010	11	<b>5.664</b>	<b>33.17</b>
<b>32</b>	Bencs L, Krata A, Horemans B, Buczynska AJ, Dirtu AC, Godoi AFL, Godoi RHM, Potgieter-Vermaak S, Van Grieken R	Atmospheric nitrogen fluxes at the Belgian coast: 2004-2006	ATMOSPHERIC ENVIRONMENT	43	(24)	3786-3798	2009	9	<b>3.062</b>	<b>23.19</b>
<b>33</b>	Covaci A, Roosens L, Dirtu AC, Waegeneers N, Van Overmeire I, Neels H, Goeyens L	Brominated flame retardants in Belgian home-produced eggs: Levels and contamination sources	SCIENCE OF THE TOTAL ENVIRONMENT	407	(15)	4387-4396	2009	7	<b>3.163</b>	<b>30.68</b>
<b>34</b>	Horemans B, Krata A, Buczynska AJ, Dirtu AC, Van Meel K, Van Grieken R, Bencs L	Major ionic species in size-segregated aerosols and associated gaseous pollutants at a coastal site on the Belgian North Sea	JOURNAL OF ENVIRONMENTAL MONITORING	11	(3)	670-677	2009	7	<b>2.109</b>	<b>21.65</b>
<b>35</b>	Weijs L, Dirtu AC, Das K, Gheorghe A, Reijnders PJH, Neels H, Blust R, Covaci A	Inter-species differences for polychlorinated biphenyls and polybrominated diphenyl ethers in marine top predators from the Southern North Sea: Part 2. Biomagnification in harbour seals and harbour porpoises	ENVIRONMENTAL POLLUTION	157	(2)	445-451	2009	8	<b>3.902</b>	<b>32.39</b>
<b>36</b>	Weijs L, Dirtu AC, Das K, Gheorghe A, Reijnders PJH, Neels H, Blust R, Covaci A	Inter-species differences for polychlorinated biphenyls and polybrominated diphenyl ethers in marine top predators from the Southern North Sea: Part 1. Accumulation patterns in harbour seals and harbour porpoises	ENVIRONMENTAL POLLUTION	157	(2)	437-444	2009	8	<b>3.902</b>	<b>32.39</b>
<b>37</b>	Van den Steen E, Eens M, Covaci A, Dirtu AC, Jaspers VLB, Neels H, Pinxten R	An exposure study with polybrominated diphenyl ethers (PBDEs) in female European starlings ( <i>Sturnus vulgaris</i> ): Toxicokinetics and reproductive effects	ENVIRONMENTAL POLLUTION	157	(2)	430-436	2009	7	<b>3.902</b>	<b>37.02</b>
<b>38</b>	Roosens L, Dirtu AC, Goemans G, Belpaire C, Gheorghe A, Neels H, Blust R, Covaci A	Brominated flame retardants and polychlorinated biphenyls in fish from the river Scheldt, Belgium	ENVIRONMENT INTERNATIONAL	34	7	976-983	2008	8	<b>5.664</b>	<b>45.61</b>
<b>39</b>	Ravindra K, Dirtu AC, Covaci A	Low-pressure gas chromatography: Recent trends and developments	TRAC-TRENDS IN ANALYTICAL CHEMISTRY	27	4	291-303	2008	3	<b>6.612</b>	<b>140.57</b>
<b>40</b>	Dirtu AC, Roosens L, Geens T, Gheorghe A, Neels H, Covaci A	Simultaneous determination of bisphenol A, triclosan, and tetrabromobisphenol A in human serum using solid-phase extraction and gas chromatography-electron capture negative-ionization mass spectrometry	ANALYTICAL AND BIOANALYTICAL CHEMISTRY	391	4	1175-1181	2008	6	<b>3.578</b>	<b>39.95</b>

<b>41</b>	Jaspers VLB, Dirtu AC, Eens M, Neels H, Covaci A	Predatory bird species show different patterns of hydroxylated polychlorinated biphenyls (HO-PCBs) and polychlorinated biphenyls (PCBs)	ENVIRONMENTAL SCIENCE & TECHNOLOGY	42	9	3465-3471	2008	5	<b>5.481</b>	<b>70.77</b>
<b>42</b>	Covaci A, Hura C, Gheorghe A, Neels H, Dirtu AC	Organochlorine contaminants in hair of adolescents from Iassy, Romania	CHEMOSPHERE	72	1	16-20	2008	5	<b>3.499</b>	<b>46.99</b>
<b>43</b>	Dirtu AC, Ravindra K, Roosens L, van Grieken R, Neels H, Blust R, Covaci A	Fast analysis of decabrominated diphenyl ether using low-pressure gas chromatography-electron-capture negative ionization mass spectrometry	JOURNAL OF CHROMATOGRAPHY A	1186	1-2	295-301	2008	7	<b>4.258</b>	<b>40.07</b>
<b>44</b>	Harrad S, Ibarra C, Diamond M, Melymuk L, Robson M, Douwes J, Roosens L, Dirtu AC, Covaci A	Polybrominated diphenyl ethers in domestic indoor dust from Canada, New Zealand, United Kingdom and United States	ENVIRONMENT INTERNATIONAL	34	(2)	232-238	2008	9	<b>5.664</b>	<b>40.54</b>
<b>45</b>	Dragan D, Cucu-Man S, Dirtu AC, 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	(11)	833-842	2006	6	<b>1.321</b>	<b>17.38</b>
<b>46</b>	Dirtu AC, Roberta C, Dragan D, Raluca M, Van Grieken R, Neels H, Covaci A	Organohalogenated pollutants in human serum from Iassy, Romania and their relation with age and gender	ENVIRONMENT INTERNATIONAL	32	(6)	797-803	2006	7	<b>5.664</b>	<b>52.12</b>
<b>47</b>	Drochioiu G, Mangalagiu L, Avram E, Popa K, Dirtu AC, Druta I	Cyanide reaction with ninhydrin: Elucidation of reaction and interference mechanisms	ANALYTICAL SCIENCES	20	(10)	1443-1447	2004	6	<b>1.403</b>	<b>18.20</b>
<b>TOTAL PUNCTE/DESCRIPTOR</b>									<b>2290.5</b>	

### Articole științifice publicate *in extenso* în reviste indexate fără factor de impact

Nr.	Autori	Titlul articolului	Jurnal	Vol.	Iss.	Pag.	An	Puncte
1	Bucatariu F, Dragan ES, Fundueanu G, Covaci A, Dirtu AC	Interaction of some persistent organic pollutants with oligopeptide chains formed onto silica microparticles	RESEARCH JOURNAL OF CHEMISTRY AND ENVIRONMENT	17	1	68-75	2013	<b>4</b>
2	Dirtu AC	Polybrominated diphenyl ethers (PBDEs) as food contaminants	Acta Chemica Iasi	18		13-29	2010	<b>20</b>
3	Dirtu AC	Analytical aspects for determination of polybrominated diphenyl ethers in environmental samples – a review	Acta Chemica Iasi	17		117-119	2009	<b>20</b>

4	Dirtu AC, Covaci A	Estimation of Daily Intake of Selected Brominated Flame Retardants (BFRs) through Food Consumption and Indoor Dust Ingestion in Romania	Acta Chemica Iasi	16	17-30	2008	10
5	Onofrei T, Dirtu AC, Luca C, Neagu V	Retention of Orange G Dye on a strong base pyridine exchanger	Analele Univ. "Al. I. Cuza" Iași, Secția Chimie	IX	47-52	2003	5
TOTAL PUNCTE/DESCRIPTOR							59

### Articole științifice publicate *in extenso* în volumele conferințelor, indexate în BDI

Nr.	Autori	Titlul articolului	Jurnal	Vol.	Iss.	Pag.	An	Puncte	Puncte/ An
1	Covaci A, Van Den Eede N, Nadeem A, Dirtu AC, Roosens L, Neels H	Preliminary human exposure assessment to alternative flame retardants from indoor dust in Belgium	Organohalogen Compounds	72		846-849	2010	2.50	6.25
2	Dirtu AC, Van den Eede N, Neels H, Covaci A	Analytical aspects for the determination of organophosphate flame retardants in indoor dust samples by GC-EI-MS	Organohalogen Compounds	72		714-717	2010	3.75	
3	Dorneles P, Lailson-Brito J, Covaci A, Dirtu AC, Weijs L, Azevedo A, Torres J, Malm O, Neels H, Blust R, Das K	Concentrations of organobrominated compounds of natural and industrial origin in top-predators from Brazilian waters	Organohalogen Compounds	70		821-824	2008	1.36	11.86
4	Dirtu AC, Covaci A	Daily intake of OCPs, PCBs and PBDEs from food consumption and indoor dust in Romania	Organohalogen Compounds	70		562-565	2008	7.50	
5	Dirtu AC, Jaspers VLB, Cernat R, Neels H, Covaci A	Phenolic organohalogenated contaminants in human serum from Belgium and Romania	Organohalogen Compounds	70		295-298	2008	3.00	
6	Weijs L, Gheorghe A, Dirtu AC, Das K, Reijnders P, Neels H, Blust R, Covaci A	Levels and profiles of PCBs and PBDEs in harbour seal and harbour porpoise from the Southern North Sea	Organohalogen Compounds	69		825-828	2007	1.88	11.18
7	Ibarra C, Harrad S, Diamond M, Melymuk L, Robson M, Douwes J, Roosens L, Dirtu AC, Covaci A	Polybrominated diphenyl ethers in domestic dust from Canada, New Zealand, United Kingdom and United States	Organohalogen Compounds	69		2184-2187	2007	1.67	
8	Dirtu AC, Roosens L, Geens T, Gheorghe A, Neels H, Blust R, Covaci A	SPE and GC-ECNI/MS for the determination of bisphenol-A, triclosan, tetrabromobisphenol-A in human serum	Organohalogen Compounds	69		2995-2998	2007	2.14	
9	Goemans G, Roosens L, Dirtu AC, Belpaire C, Neels H, Covaci A	Brominated flame retardants in eel from the Scheldt River (Belgium)	Organohalogen Compounds	69		445-448	2007	2.50	
10	Covaci A, Hura C, Gheorghe A, Neels H, Dirtu AC	Organochlorine contaminants in hair of adolescents from Iassy, Romania	Organohalogen Compounds	69		1961-1964	2007	3.00	

11	Dragan D, Cucu-Man S, Dirtu AC, Mocanu R, Covaci A	Tree bark and moss as indicators for air pollution with organochlorine pesticides in Romania	Organohalogen Compounds	68	1039-1042	2006	3.00	5.14
12	Dirtu AC, Hanganu E, Dragan D, Mocanu R, Van Grieken R, Neels H, Covaci A	Levels of organohalogenated pollutants in human serum from lassy, Romania	Organohalogen Compounds	68	1589-1592	2006	2.14	
<b>TOTAL PUNCTE/DESCRIPTOR</b>								<b>34.4</b>

[illegible]



## Contracte de cercetare științifică

Nr. Crt.	Titlu Proiect	Instituția	Director/Membru	Valoare	Puncte
1	In vitro PBDEs metabolism by pet-animals liver microsomes – evaluation of their potential on assessing human exposure to indoor contaminants	University of Antwerp, Belgium. Research Grant BOF-UA 2013	director	7500 euro	3.4
2	Human exposure to new chemicals from indoor environments	Research Foundation Flanders – FWO, Belgium (Univesity of Antwerp-host Institution) FA010200 – 5261, 2011-2013	director	231840 euro	231.8
3	European FP7 Research & Development “NEPHRON+”	Partnership research project with Netherlands Organization for Applied Scientific Research (TNO) and University of Antwerp, Belgium, A11/0236, 2011-2012	co-director	5000 euro	5
4	Endocrine-disrupting environmental chemicals: From accumulation to their role in the global “neuro-endocrine” epidemic of obesity and its metabolic consequence	University Hospital of Antwerp and University of Antwerp, Toxicological Centre, Belgium, GOA-UA, 3565, 2009-2012	membru	500000 euro	227
5	Contamination of Eggs from Free Range Chickens	Toxicological Centre, University of Antwerp, Belgium, CONTEGG RT-06/9 – 2007	membru	200000 euro	90
6	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, CEEX, P-CD – COLODEC, 2006.	Universitatea “Al. I. Cuza” Iași, România, CEEX, P-CD – COLODEC, 2006	membru	1500000 lei	150
<b>TOTAL PUNCTE/DESCRIPTOR:</b>					<b>707.2</b>

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

Nr.	Titlu Manifestare Științifică	Autori/Titlu prezentare	Puncte
1	International ESTROM (Environmental Science and Technology in Romania) Conference, Bucharest, Romania, 2008	Dirtu AC, Hura C, Gheorghe A, Neels H, Covaci A, Organochlorine Contaminants in Hair of Adolescents from Iassy, Romania	10
TOTAL PUNCTE/DESCRIPTOR: 10			

### Profesor/cercetător invitat la universități/institute de cercetare

Nr.	Perioada	Instituția	Puncte
1	Ocombrie 2010 – Septembrie 2011	Centrul Toxicologic, Departamentul de Științe Farmaceutice, Universitatea Antwerp, Belgia	25
2	Mai 2009 – Iulie 2009	Centrul Toxicologic, Departamentul de Științe Farmaceutice, Universitatea Antwerp, Belgia	25
3	Mai 2009 – Iunie 2010	Centrul Toxicologic, Departamentul de Științe Farmaceutice, Universitatea Antwerp, Belgia	25
TOTAL PUNCTE/DESCRIPTOR: 75			

### Premii (naționale)

Nr.	Premiul obținut	Instituția	Puncte
1	Tânărul Cercetător al anului 2013	Universitatea "Al. I. Cuza" din Iași, România	20
TOTAL PUNCTE/DESCRIPTOR: 20			

### Participări la manifestări științifice internaționale

Nr.	Manifestarea Științifică	Puncte
1	Membru comitet organizare 3ème Colloque Franco-Roumain de Chimie Médicinale, Iași, Romania	15
2	Moderator secțiune Dioxin 2011, Brussels, Belgium	15
TOTAL PUNCTE/DESCRIPTOR: 30		

## B. ACTIVITATEA DIDACTICĂ

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

Nr.	Disciplina		Puncte
1	Environmetrie	Materiale suport curs	10
2	Environmetrie	Materiale suport laborator	10
3	Analiza de urme	Materiale suport seminar	10
4	Toxicologie Analitică	Materiale suport curs	10
5	Toxicologie Analitică	Lucrări practice	10
6	Toxicologie Analitică	Programa analitică	10
TOTAL PUNCTE/DESCRIPTOR: 60			

### Organizare de aplicații și practică de specialitate

Nr.	Disciplina		Puncte
1	Practică de specialitate		10
TOTAL PUNCTE/DESCRIPTOR: 10			