

Fișa privind standardele minimale pe domeniul CHIMIE, pentru funcția didactică de conferențiar universitar, ale Universității "Alexandru Ioan Cuza" din Iași
(Extras din Anexa 2 din METODOLOGIA DE CONCURS, pentru ocuparea posturilor didactice în Universitatea „Alexandru Ioan Cuza” din Iași)

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STANDARDELE MINIMALE PE DOMENIUL CHIMIE, pentru funcția didactică de CONFERENȚIAR UNIVERSITAR, ale Universității "Alexandru Ioan Cuza" din Iași:

- îndeplinirea standardelor minimale obligatorii stabilite de comisia Chimie din cadrul CNATDCU;
- criteriile menționate mai jos se adaugă standardelor minimale:
 - un grant câștigat prin competiție, ca director de proiect;
 - un curs/ carte/ capitol de carte/ manual de exerciții și probleme;
 - minim 50 de puncte de la ultima promovare;
 - activitatea științifică trebuie să fie obligatoriu în profilul postului.

STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE-DEZVOLTARE (Monitorul Oficial al României, Partea I, Nr. 890 bis/27.XII.2012)

Anexa nr. 4 – Comisia CHIMIE

Nr. crt.	Domeniul activităților	Tipul activităților		Categorii și restricții		Subcategorii		Indicatori (kpi)
1	Activitatea didactică și profesională (A1)	1.1	Cărți sau capitole de carte	Conferențiar minim 1				3
2	Activitatea de cercetare (A2)	2.1	Articole în reviste cotate ISI Thomson Reuters	Minim 18 articole pentru Conferențiar din care 12 în reviste internaționale	*) Factorul de impact cumulat al articolelor publicate, minim 18			1
		2.2	Granturi/proiecte câștigate prin competiție	2.3.2 Membru în echipă – pentru Conferențiar – Minim 1		2.4.2.1	naționale	2
3	Recunoașterea și impactul activității (A3)	3.1	Citări în reviste ISI și BDI	Minim 30 citări pentru Conferențiar		3.1.1	ISI	0,5
						3.1.2	BDI	0,5

*) Factorul de impact cumulat reprezintă suma factorilor de impact corespunzători revistelor în care au fost publicate articolele

Gradul de îndeplinire a condițiilor minime de performanță pentru funcția didactică de conferențiar universitar, în acord cu STANDARDE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE-DEZVOLTARE (Monitorul Oficial al României, Partea I, Nr. 890 bis/27.XII.2012) și STANDARDELE MINIMALE PE DOMENIUL CHIMIE ALE UNIVERSITĂȚII "ALEXANDRU IOAN CUZA" DIN IAȘI

Domeniul activităților

Domeniul activităților					
Nr.	Tipul activităților	Condiții minime		Gradul de îndeplinire	
		Indicator	Puncte	Indicator	Puncte
A1. Activitatea didactică și profesională (A1)					
1.1	Cărți sau capitole de carte	1 (+ 1 UAIC)	6	3	9
A2. Activitatea de cercetare (A2)					
2.1	Articole în reviste cotate ISI Thomson Reuters	18	18	20	20
	Articole în reviste internaționale	12		15	
	*) Factorul de impact cumulat al articolelor publicate	18		51.474	
2.2	Granturi/proiecte câștigate prin competiție	1 (+ 1 UAIC)	6	15	36
	Membru în echipă	1	2	10	20
	Director	(+ 1 UAIC)	4	4	16
A3. Recunoașterea și impactul activității (A3)					
3.1	Citări în reviste ISI și BDI	30	15	167	83.5
TOTAL			38		148.5
Punctaj realizat de la ultima promovare (conform Anexei 1)					2816.856

Calculul indicatorului de merit

Formula de calcul a indicatorului de merit ($A=A1+A2+A3$)

$$A = \sum n_{1i}k_{1i} + \sum n_{21i}k_{21i} + \sum n_{22i}k_{22i} + \sum n_{31i}k_{31i}$$

$$k_1=3; k_{21}=1; k_{221}=4; k_{222}=2; k_{31}=0,5$$

$$A = (3 \times 3) + ((20 \times 1) + (4 \times 4) + (10 \times 2)) + (167 \times 0.5) = 9 + 56 + 83.5 = 148.5$$

Nr. crt	Domeniul de activitate	Categoria	Realizat
		Condiții conferențiar	
1	Activitatea didactică și profesională (A1)	Minim 3 puncte (+ 3 puncte UAIC)	9
2	Activitatea de cercetare (A2)	Minim 20 puncte (+4 puncte UAIC)	56
3	Recunoașterea și impactul activității (A3)	Minim 15 puncte	83.5
TOTAL		Minim 38 puncte	148.5
Punctaj realizat de la ultima promovare (conform Anexei 1)			2816.856

1 Activitatea didactică și profesională (A1)

1.1 Cărți/capitole de carte

Nr. crt.	Cărți	k _{pi}
1.	Viorica Dulman, <u>Simona Maria Cucu-Man</u> , Rodica Mureșan, Metode neconvenționale de sorbție a unor coloranți, ISBN 978-973-152-170-1, Casa Editorială Demiurg, 302 pagini, 2009 .	3
Nr. crt.	Capitole de carte	k _{pi}
2.	<u>Cucu-Man, S.</u> , 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, 2012 .	3
3.	Dulman, V., <u>Cucu-Man, S.M.</u> , 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 Franche-Comte, Besancon Cedex, France, pp. 233-270, 2010 .	3
$\sum n_{ij}k_{ij} = 3 \times 3 = 9$		
A1 9 puncte		

2 Activitatea de cercetare (A2)

2.1 Articole în reviste cotate ISI Thomson Reuters

Articole în reviste internaționale

Nr. crt.	Articol	Factor Impact (2014)	k _{pi}
1.	Dulman, V., <u>Cucu-Man, S.M.</u> ,* Bunia, I., Dumitras, M., Batch and fixed bed column studies on removal of Orange G acid dye by a weak base functionalized polymer, Desalination and Water Treatment, 57, 14708-14727, 2016 .	1.173	1
2.	Feraru, S., Borhan, A.I., Samoilă, P., Mita, C., <u>Cucu-Man, S.</u> , Iordan, A.R., Palamaru, M.N., Development of visible-light-driven Ca ₂ Fe _{1-x} Sm _x BiO ₆ double perovskites for decomposition of Rhodamine 6G dye, Journal of Photochemistry and Photobiology A: Chemistry, 307-308, 1-8, 2015 .	2.495	1
3.	Harmens, H., Norris, D.A., Sharps, K., Mills, G., Alber, R., Aleksiyenak, Y., Blum, O., <u>Cucu-Man, S.M.</u> , 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.r., 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, 2015 .	4.143	1
4.	<u>Cucu-Man, S.M.</u> ,* Steinnes, E. Analysis of selected biomonitors to evaluate the suitability for their complementary use in monitoring trace element atmospheric deposition, Environmental Monitoring and Assessment, 185, 7775-7791, 2013 .	1.679	1
5.	Tarcău, D., <u>Cucu-Man, S.</u> , Boruvkova, J., Klanova, J., Covaci, A. Organochlorine pesticides in soil, moss and tree-bark from North-Eastern Romania, Science of the Total Environment, 456-457, 317-324, 2013 .	4.099	1
6.	Cioroiu, B.I., Tarcău, D., <u>Cucu-Man, S.</u> , 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, Chemosphere, 92, 504-511, 2013 .	3.340	1
7.	Dulman, V., <u>Cucu-Man, S.M.</u> , Olariu, R.I., Buhăceanu, R., Dumitraș, M., Bunia, I.,	3.966	1

	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, 2012 .		
8.	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, 2010 .	4.099	1
9.	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, 2009 .	5.528	1
10.	Dulman, V., Cucu-Man, S.M.,* Sorption of some textile dyes by beech wood sawdust, <i>Journal of Hazardous Materials</i> , 162, 1457-1464, 2009 .	4.529	1
11.	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, 2008 .	7.657	1
12.	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, <i>International Journal of Environmental Analytical Chemistry</i> , 86, 833-842, 2006 .	1.295	1
13.	Dulman, V., Odochian, L., Dumitraș, M., Cucu Man, S., Study by non-isothermal methods of spruce wood bark materials, <i>Journal of the Serbian Chemical Society</i> , 70(11), 1325-1333, 2005 .	0.871	1
14.	Lucaci, 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, <i>Journal of Atmospheric Chemistry</i> , 49(1-3), 533-548, 2004 .	1.950	1
15.	Cucu-Man, S.,* 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, 2004 .	1.295	1

Articole în reviste naționale

Nr. crt.	Articol	Factor Impact (2014)	k _{pi}
16.	Cioroiu, M.E., Tarcău, 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, 2011 .	0.239	1
17.	Drăgan, D., Cucu-Man, S., 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, 2007 .	0.311	1
18.	Dulman, V., Cucu-Man, S., Popa, V.I., Sorption of some textile dyes by oak wood sawdust, <i>Cellulose Chemistry and Technology</i> , 36(5-6), 515-525, 2002 .	0.675	1
19.	Cucu-Man, S.,* 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, 2002 .	1.065	1
20.	Mocanu, R., Cucu-Man, S., 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, 2002 .	1.065	1
$\sum n_{21} k_{21} = 20 \times 1 = 20$			
A2.1 20 puncte			
Factor impact cumulativ 51,474			

2.2 Granturi/Proiecte câștigate prin competiție

Nr. crt.	Proiect	k _{pi}
Director/responsabil		
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, 2014-2016 .	4
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, 2013 .	4
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, 2013 .	4
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, 2010 .	4
Membru - internaționale		
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, 2007-2010 .	2
6.	NATO ESP.EAP.CLG.982586/2007, Chemical Composition of Atmospheric Aerosols in the North-Eastern Romania. Environmental Security Through Science, 2007-2009 .	2
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), 2006-2008 .	2
8.	Bilateral România - Joint Institute for Nuclear Research Dubna, nr. 5 din Ordinul IUCN nr. 531/15.10.2004, 2004 .	2
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, 2000-2003 .	2
10.	Contract NATO SfP nr. 974064, Monitoring and assessment of heavy metal pollution in river Prut, an important transboundary water resource, 2000-2003 .	2
Membru - naționale		
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), 2011-2014 .	2
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, 2006-2008 .	2
13.	CNCSIS 1469, Studiul decolorării apelor uzate textile folosind sorbenți neconvenționali (lignocelulozici) și a valorificării produșilor reziduali drept combustibil, 2005-2006 .	2
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 persistenți (POPs), 2004-2006 .	2
$\sum n_{221}k_{221} = \sum n_{221}k_{221} + \sum n_{222}k_{222} = (4 \times 4) + (10 \times 2) = 36$		
A2.2	36 puncte	
A2	A2.1 + A2.2 = 56 puncte	

3 Recunoașterea și impactul activității (A3)

3.1 Citări în reviste ISI și BDI (baza de date Scopus, după excluderea autocitărilor tuturor coautorilor)

Lucrarea citată		
Nr. crt.	Lucrarea care citează	k _{pi}
Reviste de specialitate din străinătate		
	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, 2015 .		
1.	Czech, B., Hojamberdiev, M., UVA- and visible-light-driven photocatalytic activity of three-layer perovskite Dion-Jacobson phase CsBa ₂ M ₃ O ₁₀ (M = Ta, Nb) and oxynitride crystals in the removal of caffeine from model wastewater, <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 324, 70-80, 2016 .	0.5
2.	Pal, M., Bera, S., Jana, S., Sol-gel based simonkolleite nanopetals with SnO ₂ nanoparticles in graphite-like amorphous carbon as an efficient and reusable photocatalyst, <i>RSC Advances</i> , 5(92), 75062-75074, 2015 .	0.5
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, <i>Environmental Pollution</i> , 200, 93-104, 2015 .		
3.	Yan, Y., Zhang, Q., Wang, G.G., Fang, Y.-M., Atmospheric deposition of heavy metals in Wuxi, China: estimation based on native moss analysis, <i>Environmental Monitoring and Assessment</i> , 188(6), 360, 2016 .	0.5
4.	Gribacheva, N., Yurukova, L., Gecheva, G., Atmospheric pollution trends in Bulgaria within the European moss surveys, <i>Comptes Rendus de L'Academie Bulgare des Sciences</i> , 69(2), 151-154, 2016 .	0.5
5.	Cowden, P., Liang, T., Aherne, J., Mosses as bioindicators of air pollution along an urban-agricultural transect in the Credit River Watershed, southern Ontario, Canada, <i>Annali di Botanica</i> , 5, 63-70, 2015 .	0.5
6.	Cloquet, C., Estrade, N., Carignan, J., Ten years of elemental atmospheric metal fallout and Pb isotopic composition monitoring using lichens in northeastern France, <i>Comptes Rendus - Geoscience</i> , 347(5-6), 257-266, 2015 .	0.5
7.	Wiseman, C.L.S., Zereini, F., Püttmann, W., Metal and metalloid accumulation in cultivated urban soils: A medium-term study of trends in Toronto, Canada, <i>Science of the Total Environment</i> , 538, 564-572, 2015 .	0.5
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, 2013 .		
8.	Caggiano, R., Trippetta, S., Sabia, S., Assessment of atmospheric trace element concentrations by lichen-bag near an oil/gas pre-treatment plant in the Agri Valley (southern Italy), <i>Natural Hazards and Earth System Sciences</i> , 15(2), 325-333, 2015	0.5
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, 2013 .		
9.	Yuan, H., Jin, J., Bai, Y., Li, Q., Wang, Y., Hu, J., Concentrations and distributions of polybrominated diphenyl ethers and novel brominated flame retardants in tree bark and human hair from Yunnan Province, China, <i>Chemosphere</i> , 154, 319-325, 2016 .	0.5
10.	Sailaukhanuly, Y., Carlsen, L., Tulegenov, A., Nurzhanova, A., Kenessov, B., Kamysbayev, D., Distribution and risk assessment of selected organochlorine pesticides in Kyzyl Kairat village from Kazakhstan, <i>Environmental Monitoring and Assessment</i> , 188, 358, 2016 .	0.5
11.	Tang, Z., Huang, Q., Nie, Z., Yang, Y., Yang, J., Qu, D., Cheng, J., Levels and distribution of organochlorine pesticides and hexachlorobutadiene in soils and terrestrial organisms from a former pesticide-producing area in Southwest China, <i>Stochastic Environmental Research and Risk Assessment</i> , 30(4), 1249-1262, 2016 .	0.5
12.	Liu, Y., Li, S., Ni, Z., Qu, M., Zhong, D., Ye, C., Tang, F., Pesticides in persimmons, jujubes and soil from China: Residue levels, risk assessment and relationship between fruits and soils, <i>Science of the Total Environment</i> , 542, 620-628, 2016 .	0.5
13.	Zhou, L., Dong, L., Huang, Y.-R., Shi, S.-X., Zhang, L.-F., Zhang, X.-L., Yang, W.-L., Tree bark as a biomonitor for the determination of polychlorinated biphenyls and polybrominated diphenyl ethers from Southern Jiangsu, China: levels, distribution, and possible sources, <i>Environmental Monitoring and Assessment</i> , 187, 9, 603, 2015 .	0.5
14.	Zhang, Q., Chen, Z., Li, Y., Wang, P., Zhu, C., Gao, G., Xiao, K., Sun, H., Zheng, S., Liang, Y., Jiang, G., Occurrence of organochlorine pesticides in the environmental matrices from King George Island, west Antarctica, <i>Environmental Pollution</i> , 206, 142-149, 2015 .	0.5
15.	Zhu, N., Schramm, K.-W., Wang, T., Henkelmann, B., Fu, J., Gao, Y., Wang, Y., Jiang, G., Lichen, moss and soil in resolving the occurrence of semi-volatile organic compounds	0.5

	on the southeastern Tibetan Plateau, China, Science of the Total Environment, 518-519, 328-336, 2015 .	
16.	Yuan, G.-L., Sun, Y., Qin, J.-X., Li, J., Wang, G.-H., Chiral signature of α -HCH and o,p'-DDT in the soil and grass of the Central Tibetan Plateau, China, Science of the Total Environment, 500-501, 147-154, 2014 .	0.5
17.	Niu, L., Xu, C., Xu, Y., Zhang, C., Liu, W., Hexachlorocyclohexanes in tree bark across Chinese agricultural regions: Spatial distribution and enantiomeric signatures, Environmental Science and Technology, 48(20), 12031-12038, 2014 .	0.5
18.	Pevery, A.A., Salamova, A., Hites, R.A., Air is still contaminated 40 years after the Michigan Chemical plant disaster in St. Louis, Michigan, Environmental Science and Technology, 48(19), 11154-11160, 2014 .	0.5
19.	Wu, Q., Wang, X., Zhou, Q., Biomonitoring persistent organic pollutants in the atmosphere with mosses: Performance and application, Environment International, 66, 28-37, 2014 .	0.5
20.	Huang, H.-F., Qi, S.-H., Qu, C.-K., Li, H., Chen, W.-W., Zhang, L., Hu, T., Shi, L., Distribution characteristics and risk assessment of organochlorine pesticides in soil from Jiufeng Mountain Range in Fujian, China, Huanjing Kexue/Environmental Science, 7, 2691-2697, 2014 .	0.5
21.	Zhang, P., Ge, L., Gao, H., Yao, T., Fang, X., Zhou, C., Na, G., Distribution and transfer pattern of Polychlorinated Biphenyls (PCBs) among the selected environmental media of Ny-Ålesund, the Arctic: As a case study, Marine Pollution Bulletin, 89(1-2), 267-275, 2014 .	0.5
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, Chemosphere, 92, 504-511, 2013 .		
22.	Moorthy, B., Chu, C., Carlin, D.J., Polycyclic aromatic hydrocarbons: From metabolism to lung cancer, Toxicological Sciences, 145(1), 5-15, 2015 .	0.5
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Lector dr. Simona-Maria Cucu-Man