

Concurs pentru ocuparea postului poz. V/19, de **Şef lucrări**
 Facultatea de Horticultură,
 Departamentul Tehnologiei Horticole,
 Disciplinele: Poluarea apei, aerului și solului,
 Monitorizarea și diagnoza calității mediului,
 Domeniul: Ingineria Mediului,
 Post publicat în Monitorul Oficial al României nr. 1631 din 28.11.2016

LISTA DE LUCRĂRI

considerate a fi cele mai relevante pentru realizările profesionale proprii

Candidat: Dr. ing. **Raluca Maria HLIHOR** - Dr./ din 21.12.2011

Lucrări științifice	
1	<p><i>Rhizobacteria and plant symbiosis in heavy metal uptake and its implications for soil bioremediation,</i> Dana Luminița Sobariu, Daniela Ionela Tudorache Fertu, Mariana Diaconu, Lucian Vasile Pavel, Raluca-Maria Hlihor, Elena Niculina Drăgoi, Silvia Curteanu, Markus Lenz, Philippe François-Xavier Corvini, Maria Gavrilescu, New Biotechnology, (2016), http://dx.doi.org/10.1016/j.nbt.2016.09.002 (FI 3.199)</p>
2	<p><i>Biosorption potential of dead and living Arthrobacter viscosus biomass in the removal of Cr(VI): Batch and column studies,</i> Raluca Maria Hlihor, Hugo Figueiredo, Teresa Tavares, Maria Gavrilescu, Process Safety and Environmental Protection, (2016), http://dx.doi.org/10.1016/j.psep.2016.06.016 (FI 2.078)</p>
3	<p><i>Experimental analysis and mathematical prediction of Cd(II) removal by biosorption using support vector machines and genetic algorithms,</i> Raluca Maria Hlihor, Mariana Diaconu, Florin Leon, Silvia Curteanu, Teresa Tavares, Maria Gavrilescu, New Biotechnology, 32(3), 358-368 (2015). (FI 3.199)</p>
4	<p><i>Occurrence of plastic waste in the environment: ecological and health risks,</i> Elena - Diana Comăniță, Raluca Maria Hlihor, Cristina Ghinea, Maria Gavrilescu, Environmental Engineering and Management Journal, 15(3), 675-685 (2016). (FI 1.008)</p>
5	<p><i>Challenges and opportunities in green plastics: An assessment using the Electre decision-aid method,</i> Elena-Diana Comăniță, Cristina Ghinea, Raluca Maria Hlihor, Isabela Maria Simion, Camelia Smaranda, Lidia Favier, Mihaela Roșca, Irina Gostin, Maria Gavrilescu, Environmental Engineering and Management Journal, 14(3), 689-702 (2015). (FI 1.008)</p>
6	<p><i>Potential of biosorption and bioaccumulation processes for heavy metals removal in bioreactors,</i> Mihaela Rosca, Raluca-Maria Hlihor, Petronela Cozma, Elena-Diana Comăniță, Isabela Maria Simion, Maria Gavrilescu, E-Health and Bioengineering Conference (EHB), ISBN: 978-1-4673-7544-3, pp. 1-4, 2015, DOI: 10.1109/EHB.2015.7391487</p>

7	<p><i>Monitoring pesticides degradation in apple fruits and potential effects of residues on human health,</i> Manuela Olga Pogăcean, Raluca Maria Hlihor, Maria Gavrilescu, <i>Journal of Environmental Engineering and Landscape Management</i>, 22(3), 171-182 (2014). (FI 0.484)</p>
8	<p><i>Analysis and management of specific processes from environmental engineering and protection based on sustainability indicators,</i> Maria Emiliană Fortună, Isabela Maria Simion, Cristina Ghinea, Mădălina Petraru, Petronela Cozma, Laura Carmen Apostol, Raluca Maria Hlihor, Daniela Tudorache Fertu, Maria Gavrilescu, <i>Environmental Engineering and Management Journal</i>, 11, 333-350 (2012). (FI 1.008)</p>
9	<p><i>Bioavailability processes for contaminants in soils and their use in risk assessment,</i> Raluca Maria Hlihor, Laura Carmen Apostol, Camelia Smaranda, Vasile Lucian Pavel, Florentina Anca Căliman, Brîndușa Mihaela Robu, <i>Environmental Engineering and Management Journal</i>, 8, 1199-1206 (2009). (FI 1.008)</p>
10	<p><i>Removal of some environmentally relevant heavy metals using low-cost natural sorbents,</i> Raluca Maria Hlihor, Maria Gavrilescu, <i>Environmental Engineering and Management Journal</i>, 8, 353-372 (2009). (FI 1.008)</p>


