

## Standarde minimale pe domenii pentru functii de cercetare

Facultatea	Cercetator stiintific	Dosar personal
Chimie	-3 articole stiintifice publicate in extenso in reviste internationale, din care 2 in reviste cotate web of science cu factor de impact ;	<p>-7 articole in reviste cotate web of science cu factor de impact</p> <p><b><u>Cristina M. Al Matarneh</u></b>, Ramona Danac, Liviu Leontie, Florin Tudorache, Iulian Petrila, Felicia Iacom, Aurelian Carlescu, Gigel Nedelcu, Ionel Mangalagiu, Synthesis and electron transport properties of some new 4,7-phenanthroline derivatives in thin films, <i>Environmental Engineering and Management Journal</i>, 14(2), (2015), 420-431. (I.F./2015=1.258.)</p> <p>Ramona Danac, <b><u>Cristina M. Al Matarneh</u></b>, Sergiu Shova, Teofil Daniloaia, Mihaela Balan, Ionel I. Mangalagiu, New indolizines with phenanthroline skeleton: Synthesis, structure, antimycobacterial and anticancer evaluation, <i>Bioorganic &amp; Medicinal Chemistry</i>, 23 (2015) 2318–2327. (I.F./2015=2.951)</p> <p><b><u>Cristina M. Al Matarneh</u></b>, Sergiu Shova, Ionel I. Mangalagiu, Ramona Danac, Synthesis, structure and antimycobacterial properties of new pyrrolo-4,7-phenanthroline derivatives, <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i>, 31(3), (2016), 470-480. (I.F./2016=3.428)</p> <p><b><u>Cristina M. Al Matarneh</u></b>, Catalina-Ionica Ciobanu, Ionel I. Mangalagiu, Ramona Danac, Design, synthesis and antimycobacterial activity of some new azaheterocycles: 4,7-phenanthroline with <i>p</i>-halogeno-benzoyl skeleton. Part VI, <i>J. Serb.Chem. Soc.</i>, 81(2) (2016), 133-140. (I.F./2016=0.871)</p> <p><b><u>Cristina M. Al Matarneh</u></b>, Mircea O. Apostu, Ionel I. Mangalagiu, Ramona Danac, Reactions of ethyl cyanoformate with cycloimmonium salts: a direct pathway to fused or substituted azaheterocycles, <i>Tetrahedron</i>, 72 (2016) 4230-4238. (I.F./2016=2.641)</p> <p><b><u>Cristina M. Al Matarneh</u></b>, Catalina I. Ciobanu, Mircea O. Apostu, Ionel I. Mangalagiu, Ramona Danac, Cycloaddition versus amidation in reactions of 2-amino-2-oxoethyl phenanthroline ylides to activated alkynes and alkenes, <i>Comptes Rendus Chimie</i>, 21 (2018) 1-8. (I.F./2017=1.879)</p> <p><b><u>Cristina M. Al Matarneh</u></b>, Dragos Lucian Isac, Radu Tigoianu, Ramona Danac, Anton Airinei, Steady state and time resolved fluorescence studies of new indolizine with phenanthroline skeleton derivatives, <i>Journal of Luminescence</i>, 199 (2018) 6–12. (I.F./2017=2.686).</p>

	-membru in echipa unui proiect de cercetare castigat prin competitie nationala sau internationala	-membru in echipa unui proiect de cercetare castigat prin competitie nationala sau internationala  „Supra ChemLab- laboratory of supramolecular Chemistry for adaptive delivery Systems –ERA CHAIR initiative” H2020-WIDESPREAD-2014-2 (contract 667387/11.06.2015).
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