

LUCRARI PUBLICATE

- 1) **Cristina M. Al Matarneh**, 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, *Environmental Engineering and Management Journal*, 14(2), (2015), 420-431. I.F./2017=1.334; AIS/2017=0.086.
- 2) Ramona Danac, **Cristina M. Al Matarneh**, Sergiu Shova, Teofil Daniloia, Mihaela Balan, Ionel I. Mangalagiu, New indolizines with phenanthroline skeleton: Synthesis, structure, antimycobacterial and anticancer evaluation, *Bioorganic & Medicinal Chemistry*, 23 (2015) 2318–2327. I.F./2017=2.881; AIS/2017=0.603.
- 3) **Cristina M. Al Matarneh**, Sergiu Shova, Ionel I. Mangalagiu, Ramona Danac, Synthesis, structure and antimycobacterial properties of new pyrrolo-4,7-phenanthroline derivatives, *Journal of Enzyme Inhibition and Medicinal Chemistry*, 31(3), (2016), 470-480. I.F./2017=3.638; AIS/2017=0.498.
- 4) **Cristina M. Al Matarneh**, Catalina-Ionica Ciobanu, Ionel I. Mangalagiu, Ramona Danac, Design, synthesis and antimycobacterial activity of some new azaheterocycles: 4,7-phenanthroline with *p*-halogeno-benzoyl skeleton. Part VI, *J. Serb.Chem. Soc.*, 81(2) (2016), 133-140. I.F./2017=0.797; AIS/2017=0.171.
- 5) **Cristina M. Al Matarneh**, Mircea O. Apostu, Ionel I. Mangalagiu, Ramona Danac, Reactions of ethyl cyanoformate with cycloimmonium salts: a direct pathway to fused or substituted azaheterocycles, *Tetrahedron*, 72 (2016) 4230-4238. I.F./2017= 2.377; AIS/2017=0.449.
- 6) **Cristina M. Al Matarneh**, 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, *Comptes Rendus Chimie*, 21 (2018) 1-8. I.F./2017=1.877; AIS/2017=0.29.

- 7) **Cristina M. Al Matarneh**, Dragos Lucian Isac, Radu Tigoianu, Ramona Danac, Anton Airinei, Steady state and time resolved fluorescence studies of new indolizine with phenanthroline skeleton derivatives, *Journal of Luminescence*, 199 (2018) 6–12. I.F./2017=2.732; AIS/2017=0.423.