

Mitu N. Liviu

Autor principal (Prim Autor –P.A. și Corespondent Autor–C.A.*):

Nr.	Lucrarea publicată	P.A./C.A.*	FI-2019
1.	<i>Ionic liquid incorporated nanocomposite polymer electrolytes for rechargeable lithium ion battery: A way to achieve improved electrochemical and interfacial properties</i> K. Karuppasamy, H.W. Rhee, P.A. Reddy, D. Gupta, L. Mitu , A.R. Polu, X.S. Shajan Journal of Industrial and Engineering Chemistry , vol.40-august 2016, 168-176, 2016, /WOS: 000381834800021/ https://doi.org/10.1016/j.jiec.2016.06.020	—	5.278
2.	<i>Metal based pharmacologically active agents: Synthesis, structural elucidation, DNA interaction, in vitro antimicrobial and in vitro cytotoxic screening of Copper(II) and Zinc(II) complexes derived from amino acid based pyrazolone</i> N. Raman, R. Jeyamurugan, S. Sudharsan, K. Karuppasamy, L. Mitu Arabian Journal of Chemistry , vol. 6(2), 235-247, 2013, /WOS: 000316713300012/ https://doi.org/10.1016/j.arabjc.2012.04.010 <i>/Comb. complexe/</i>	—	4.762
3.	<i>Novel copper doped Halloysite Nano Tube/silver-poly(pyrrole-co-3,4-ethylenedioxythiophene) dual layer coatings on low nickel stainless steel for anti-corrosion applications</i> Karthikeyan, P., Sathishkumar, S., Pandian, K., Mitu, L.* , Rajavel, R. Journal of Science: Advanced Materials and Devices , vol. 3(1), 59-67, March 2018, 2018, /WOS: 000437216000007/ https://doi.org/10.1016/j.jsamd.2017.12.003 <i>/Chimia materialelor/</i>	C.A.*	3.783
4.	<i>Synthesis, characterization and spectroscopic studies of pyrazinamide metal complexes</i> Budhani P., Iqbal S.A., Bhattacharya S.M.M., Mitu L. Journal of Saudi Chemical Society , vol. 14(3), 281-285, 2010, /WOS: 000280931000007/ https://doi.org/10.1016/j.jscs.2010.02.009 <i>/Comb. complexe/</i>	—	3.517
5.	<i>Design, synthesis, DNA binding ability, chemical nuclease activity and antimicrobial evaluation of Cu(II), Co(II), Ni(II) and Zn(II) metal complexes containing tridentate Schiff base</i> N. Raman, S. Sobha, L. Mitu Journal of Saudi Chemical Society , vol. 17(2), 151-159, 2013, /WOS: 000316793700002/ https://doi.org/10.1016/j.jscs.2011.03.003 <i>/Comb. complexe/</i>	—	3.517

6.	<p><i>Synthesis, spectral characterization, theoretical, antimicrobial, DNA interaction and in vitro anticancer studies of Cu(II) and Zn(II) complexes with pyrimidinemorpholine based Schiff base ligand</i> M. Sankarganesh, J. Rajesh, G.G. Vinoth Kumar, M. Vadivel, L. Mitu*, R. Senthil Kumar, J. Dhavethu Raja Journal of Saudi Chemical Society, vol. 22(4), 416-426, 2018, /WOS: 000432496800004/ https://doi.org/10.1016/j.jscs.2017.08.007 /Comb. complexe/</p>	C.A.*	3.517
7.	<p><i>A rapid one pot synthesis of high purity novel methacrylic phosphonic acid (PA) based polyhedral oligomeric silsesquioxane (POSS) frameworks by thiol-ene click reaction</i> K. Karuppasamy, K. Prasanna, D. Vikraman, H.S. Kim, A. Kathalingam, L. Mitu, H.W. Rhee Polymers, vol. 9(6), 2017, Article number: 192, doi: 10.3390/polym9060192, 2017, /WOS: 000404218500008/ https://doi.org/10.3390/polym9060192</p>	—	3.426
8.	<p><i>Electrochemical Deposition of Zn-HNT/p(EDOT-co-EDOP) Nanocomposite Coating on LN SS for Anti-bacterial and Anticorrosive Application</i> P. Karthikeyan, L. Mitu, K. Pandian, G. Anbarasu, R. Rajavel New Journal of Chemistry, vol. 41(12), 4758-4762, 2017, /WOS: 000403340100007/ https://doi.org/10.1039/C6NJ03927H</p>	—	3.288
9.	<p><i>Novel metal-based pharmacologically dynamic agents of transition metal(II) complexes: Designing, synthesis, structural elucidation, DNA binding and photo-induced DNA cleavage activity</i> Raman N., Jeyamurugan R., Sakthivel A., Mitu L. Spectrochimica Acta-Part A: Molecular and Biomolecular Spectroscopy, vol. 75(1), 88-97, 2010, /WOS: 000274773700015/ https://doi.org/10.1016/j.saa.2009.09.047 /Comb. complexe/</p>	—	3.232
10.	<p><i>Bio-sensitive activities of coordination compounds containing 1,10-phenanthroline as co-ligand: Synthesis, structural elucidation and DNA binding properties of metal(II) complexes</i> N. Raman, R. Mahalakshmi, L. Mitu Spectrochimica Acta-Part A: Molecular and Biomolecular Spectroscopy, vol. 131 (15 October 2014), 355–364, 2014, /WOS: 000338810400047/ https://doi.org/10.1016/j.saa.2014.04.114 /Comb. complexe/</p>	—	3.232
11.	<p><i>Synthesis, structural elucidation, biological, antioxidant and nuclease activities of some 5-Fluorouracil-amino acid mixed ligand complexes</i> S. Shobana, P. Subramaniam, L. Mitu, J. Dharmaraja, S. Arvindnarayan Spectrochimica Acta-Part A: Molecular and Biomolecular Spectroscopy, vol. 134 (5 January 2015), 333–344, 2015, /WOS: 000342718700044/ https://doi.org/10.1016/j.saa.2014.06.093 /Comb. complexe/</p>	—	3.232

12.	<p><i>Synthesis, characterization, biological evaluation and docking studies of macrocyclic binuclear manganese(II) complexes containing 3,5-dinitrobenzoyl pendant arms</i> P. Arthi, S. Shobana, P. Srinivasan, L. Mitu, A.K. Rahiman Spectrochimica Acta-Part A: Molecular and Biomolecular Spectroscopy, vol. 143 (15 May 2015), 49–58, 2015, /WOS: 000352661200006/ https://doi.org/10.1016/j.saa.2015.01.122 /Comb. complexe/</p>	—	3.232
13.	<p><i>Changes in spectrochemical and catalytic properties of biopolymer 1 anchored Cu(II) and Ni(II) catalysts by electron beam irradiation</i> R. Antony, S.T.D. Manickam, G. Sanjeev, L. Mitu, S. Balakumar Spectrochimica Acta-Part A: Molecular and Biomolecular Spectroscopy, vol. 149 (5 October 2015), 550-557, 2015, /WOS: 000360255200070/ https://doi.org/10.1016/j.saa.2015.04.006 /Comb. complexe/</p>	—	3.232
14.	<p><i>Non-enolisable Knoevenagel condensate appended Schiff bases-metal(II) complexes: Spectral characteristics, DNA-binding and nuclease activities</i> A. Gubendran, M.P. Kesavan, S. Ayyanaar, L. Mitu, P. Athappan, J. Rajesh Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, vol. 181 (15 June 2017), 39-46, 2017, /WOS: 000401391700007/ https://doi.org/10.1016/j.saa.2017.03.031 /Comb. complexe/</p>	—	3.232
15.	<p><i>Synthesis of innovative biochemical active mixed ligand metal(II) complexes with thiazole containing Schiff base: in vitro antimicrobial profile</i> Raman, N., Chandrasekar, T., Kumaravel, G., Mitu, L. Applied Organometallic Chemistry, vol. 32(1), e3922, 2018, /WOS: 000418447500030/ https://doi.org/10.1002/aoc.3922 /Comb. complexe/</p>	—	3.140
16.	<p><i>Ternary Copper(II) complex based chemical probes for DNA targeting: Cytotoxic activity under visible light</i> M.K. Shanmugaiyah, K.M. Palsamy, R. Lokesh, N. Indra Gandhi, L. Mitu, R. Jegathalaprathaban, R. Gurusamy Applied Organometallic Chemistry, vol. 33(3), e4762, 2019, /WOS: 000459182800033/ https://doi.org/10.1002/aoc.4762 /Comb. complexe/</p>	—	3.140
17.	<p><i>DNA profiling and in vitro cytotoxicity studies of tetrazolo[1,5-a]pyrimidine-based copper(II) complexes</i> A.K. Haleel, U.M. Rafi, D. Mahendiran, L. Mitu, V. Veena, A.K. Rahiman BIOMETALS, vol. 32(4), August 2019, 611–626, 2019, /WOS: 000476715000004/ https://doi.org/10.1007/s10534-019-00196-2 /Comb. complexe/</p>	—	2.479
18.	<p><i>Effect of DNA interaction involving antioxidative 4-aminoantipyrine incorporating mixed ligand complexes having alpha-amino acid as co-ligand</i> N. Raman, A. Sakthivel, M. Selvaganapathy, L. Mitu Journal of Molecular Structure, vol. 1060 (24 February 2014), 63-74, 2014, /WOS: 000331688000011/ https://doi.org/10.1016/j.molstruc.2013.12.018 /Comb. complexe/</p>	—	2.463

19.	<p><i>Synthesis, structural characterization, in-vitro antibiogram assay and efficient catalytic activities of transition metal(II) chelates incorporating (E)-(2-((2-hydroxybenzylidene)amino)phenyl)(phenyl)methanone ligand</i></p> <p>V. Muniyandi, N. Pravin, L. Mitu, N. Raman</p> <p>Journal of Molecular Structure, vol. 1086 (15 April 2015), 56-63, 2015, /WOS: 000350518400008/ https://doi.org/10.1016/j.molstruc.2015.01.011 /Comb. complexe/</p>	—	2.463
20.	<p><i>Synthesis and crystal structure of imidazole containing amide as a turn on fluorescent probe for nickel ion in aqueous media: An experimental and theoretical investigation</i></p> <p>B. Annaraj, L. Mitu, M.A. Neelakantan</p> <p>Journal of Molecular Structure, vol. 1104 (15 January 2016), 1-6, 2016, /WOS: 000365063700001/ https://doi.org/10.1016/j.molstruc.2015.10.002</p>	—	2.463
21.	<p><i>Template synthesis, characterization and biological activity of Cu(II),Ni(II), Co(II),Zn(II) complexes with isonicotinoylhydrazone-2-aldehydefluorene ligand</i></p> <p>Mitu L.*, Mohamed Farook N.A., Iqbal S.A., Raman N., Imran M., Sharma S.K.</p> <p>E-Journal of Chemistry, vol. 7(1), 227-233, 2010, /WOS: 000276160600034/ https://doi.org/10.1155/2010/293287 /Comb. complexe/</p>	P.A./C.A.*	1.790
22.	<p><i>Transition Metal Complexes of Isonicotinoylhydrazone-4-Diphenylamino benzaldehyde: Synthesis, Characterization and Antimicrobial Studies</i></p> <p>L. Mitu*, M. Iliş, N. Raman, M. Imran, S. Ravichandran</p> <p>E-Journal of Chemistry, vol. 9(1), 365-372, 2012, /WOS: 000299841500054/ https://doi.org/10.1155/2012/298175 /Comb. complexe/</p>	P.A./C.A.*	1.790
23.	<p><i>Removal of Chromium(III) using synthetic Polymers, Copolymers and their Sulfonated derivatives as adsorbents</i></p> <p>F. Kanwal, M. Imran, L. Mitu*, Z. Rashid, H. Razzaq, Q. Ain</p> <p>E-Journal of Chemistry, vol. 9(2), 621-630, 2012, /WOS: 000302159300017/ https://doi.org/10.1155/2012/857579 /Chimia materialelor/</p>	C.A.*	1.790
24.	<p><i>3d-Metal complexes derived from proton pump Inhibitors-Synthesis, Characterization and Biological studies</i></p> <p>S. Malik, S. Das, A. Singh, L. Mitu*</p> <p>E-Journal of Chemistry, vol. 9(4), 1919-1928, 2012, /WOS: 000303776600030/ https://doi.org/10.1155/2012/969760 /Comb. complexe/</p>	C.A.*	1.790
25.	<p><i>Investigation of Antimicrobial, Antioxidant, and DNA Binding Studies of Bioactive Cu(II), Zn(II), Co(II), and Ni(II) Complexes of Pyrimidine Derivative Schiff Base Ligand</i></p> <p>Saleem, SHS., Sankarganesh, M., Jose, PRA., Sakthikumar, K., Mitu, L.*, Raja, JD.</p> <p>Journal of Chemistry, Article Number: 3831507, Published: 2017, 2017, /WOS: 000416302300001/ https://doi.org/10.1155/2017/3831507 /Comb. complexe/</p>	C.A.*	1.790

26.	<p><i>Fabrication of Bilayer Coating of Poly (3,4-ethylenedioxythiophene)-Halloysite/Chitosan and Mg²⁺/Sr²⁺-Doped HAP on Titanium Alloy for Biomedical Implant Applications: Physicochemical and In Vitro Biological Performances Studies</i></p> <p>Chozhanathmisra, M., Govindaraj, D., Karthikeyan, P., Pandian, K., Mitu, L.*, Rajavel, R.</p> <p>Journal of Chemistry, Article Number: 9813827, Published: 2018, 2018, /WOS: 000446081000001/ https://doi.org/10.1155/2018/9813827 /Chimia materialelor/</p>	C.A.*	1.790
27.	<p><i>Halloysite Nanotube-Reinforced Ion-Incorporated Hydroxyapatite-Chitosan Composite Coating on Ti-6Al-4V Alloy for Implant Application</i></p> <p>M. Chozhanathmisra, K. Pandian, D. Govindaraj, P. Karthikeyan, L. Mitu*, R. Rajavel</p> <p>Journal of Chemistry, vol. 2019, Article ID: 7472058, 12 pages, 2019, /WOS: 000461663200001/ https://doi.org/10.1155/2019/7472058 /Chimia materialelor/</p>	C.A.*	1.790
28.	<p><i>Removal of Acidic Dyes from Aqueous Media Using Citrullus Lanatus Peels: An Agrowaste-Based Adsorbent for Environmental Safety</i></p> <p>S. Latif, R. Rehman, M. Imran, S. Iqbal, A. Kanwal, L. Mitu*</p> <p>Journal of Chemistry, vol. 2019, Article ID: 6704953, 9 pages, 2019, /WOS: 000462429500001/ https://doi.org/10.1155/2019/6704953 /Chimia materialelor/</p>	C.A.*	1.790
29.	<p><i>Biosorptive removal of Cadmium(II) and Copper(II) using microwave assisted thiourea modified Sorghum bicolor agrowaste</i></p> <p>M. Salman, R. Rehman, U. Farooq, A. Tahir, L. Mitu*</p> <p>Journal of Chemistry, vol. 2020, Article ID: 8269643, 11 pages, 2020, 10 feb.2020, /WOS: 000534241900001/ https://doi.org/10.1155/2020/8269643 /Chimia materialelor/</p>	C.A.*	1.790
30.	<p><i>Tartaric Acid-Modified Holarrhena antidysenterica and Citrullus colocynthis Biowaste for Efficient Eradication of Crystal Violet Dye from Water</i></p> <p>Sumaira Basharat, Rabia Rehman, Tariq Mahmud, Sara Basharat, L. Mitu*</p> <p>Journal of Chemistry, vol. 2020, Article ID: 8862167, 18 pages, 2020, 16 dec.2020, /WOS: 000603581700002/ https://doi.org/10.1155/2020/8862167 /Chimia materialelor/</p>	C.A.*	1.790
31.	<p><i>Scavenging activity of grapefruit peel and seed extract, a natural source of antioxidant for the stabilization of soybean and sunflower oil</i></p> <p>S. Rasheed, M. Imran, S. Rehman, A. Farooq, I. Begum, F. Kanwal, L. Mitu*</p> <p>Revista de Chimie, vol. 68(7), 1466-1469, 2017, /WOS: 000409234600012/ https://doi.org/10.37358/RC.17.7.5697</p>	C.A.*	1.755
32.	<p><i>Synthesis, characterization and biological Study of a New Mannich Base, 2-[(4-fluorophenyl)(phenylamino)methyl]cyclopentanone (FPC) and its transition metal complexes with Cu(II), Ni(II), Co(II), Fe(II) and Zn(II)</i></p> <p>M. Liaqat, T. Mahmud, M. Imran, M. Iqbal, M. Muddassar, T. Ahmad, L. Mitu*</p> <p>Revista de Chimie, vol. 68(11), 2560-2565, 2017, /Comb. complexe/ /WOS: 000416751800019/ https://doi.org/10.37358/RC.17.11.5928</p>	C.A.*	1.755

33.	<p><i>Synthesis, characterization and biological activities of a novel Mannich base 2-[(3,4-dimethoxyphenyl)(pyrrolidinyl)methyl]cyclohexanone and its complexes with Cu(II), Ni(II), Co(II) and Fe(II) ions</i></p> <p>M. Liaqat, T. Mahmud, M. Ashraf, M. Muddassar, M. Imran, T. Ahmad, L. Mitu*</p> <p>Revista de Chimie, vol. 68(12), 2845-2849, 2017, /WOS: 000423261900024/ https://doi.org/10.37358/RC.17.12.5991 <i>/Comb. complexe/</i></p>	C.A.*	1.755
34.	<p><i>Synthesis and structural studies of Bismuth-piroxicam complex</i></p> <p>A. Kanwal, M. Imran, Z. Iqbal, S. Rehman, Z. Danish, N. Batool, L. Mitu*</p> <p>Revista de Chimie, vol. 69(7), 1702-1705, 2018, /WOS: 000444595700021/ https://doi.org/10.37358/RC.18.7.6399 <i>/Comb. complexe/</i></p>	C.A.*	1.755
35.	<p><i>Facile recoverable, reusable and efficient heterogeneous photocatalyst: Preparation and characterization of V₂O₅ added TiO₂ polymer NCs</i></p> <p>S. Muthupoongodi, L. Mitu*, T. Linda, X. Sahaya Shajan, S. Balakumar</p> <p>Revista de Chimie, vol. 69(10), 2662-2668, 2018, /WOS: 000451925300013/ https://doi.org/10.37358/RC.18.10.6601 <i>/Chimia materialelor/</i></p>	C.A.*	1.755
36.	<p><i>Water soluble mixed ligand complexes: Spectral, antioxidant, antimicrobial and DNA interaction studies</i></p> <p>K. Sakthikumar, M. Sankarganesh, J. Dhaveethu Raja, L. Mitu*</p> <p>Revista de Chimie, vol. 69(11), 4069-4077, 2018, /WOS: 000451931500044/ https://doi.org/10.37358/RC.18.11.6705 <i>/Comb. complexe/</i></p>	C.A.*	1.755
37.	<p><i>Microwave treated „Gardenia Jasminoides” leaves for adsorptive removal of direct Red-28 Dye In Environmental Benign Way</i></p> <p>R. Rehman, F. Kanwal, L. Mitu*</p> <p>Revista de Chimie, vol. 69(12), 3445-3450, 2018, /WOS: 000458533800022/ https://doi.org/10.37358/RC.18.12.6766 <i>/Chimia materialelor/</i></p>	C.A.*	1.755
38.	<p><i>Azadirachta indica leaf as a corrosion inhibitor for copper in nitric acid</i></p> <p>L. Mitu*, S.R. Rubavathi, M. Subramani, T. Linda, S. Balakumar</p> <p>Revista de Chimie, vol. 70(2), 581-584, 2019, /WOS: 000461982200045/ https://doi.org/10.37358/RC.19.2.6960</p>	P.A./C.A.*	1.755
39.	<p><i>Synthesis, characterization and biological activities of a Schiff base derived from 2-[(1,3-benzothiazol-2-yl)sulfanyl]-N-[4-(hydrazinecarbonyl)phenyl]acetamide and its complexes with Mn(II), Co(II), Ni(II), Cu(II) and Zn(II) ions</i></p> <p>A. Gulzar, T. Mahmud, M. Imran, L. Mitu*, R. Munir, K. Iftikhar</p> <p>Revista de Chimie, vol. 70(2), 596-601, 2019, /WOS: 000461982200048/ https://doi.org/10.37358/RC.19.2.6963 <i>/Comb. complexe/</i></p>	C.A.*	1.755

40.	<p><i>Synthesis, characterization, molecular docking and enzyme inhibition studies of some novel Enaminone derivatives and their complexes with Cu(II), Cd(II) and Co(II) ions</i></p> <p>R. Huma, T. Mahmud, L. Mitu*, M. Ashraf, A. Iqbal, K. Iftikhar, A. Hayat Revista de Chimie, vol. 70(10), 3564-3569, 2019, /WOS: 000500795900024/ https://doi.org/10.37358/RC.19.10.7597 /Comb. complexe/</p>	C.A.*	1.755
41.	<p><i>Synthesis and structural studies of (η^3-allyl)carbonylnitrosyl triphenylphosphine iron complexes</i></p> <p>M. Tabassam, M. Imran, A. Farooq, S.R. Gillani, Z. Mehmood, A. Gulzar, L. Mitu* Revista de Chimie, vol. 70(11), 3893-3898, 2019, /WOS: 000503185300024/ https://doi.org/10.37358/RC.70.11.7666 /Comb. complexe/</p>	C.A.*	1.755
42.	<p><i>Template synthesis, characterization and antimicrobial activity of some new complexes with isonicotinoylhydrazone ligands</i></p> <p>Mitu L.*, Raman N., Kriza A., Stănică N., Dianu M. Journal of the Serbian Chemical Society, vol. 74(10), 1075-1084, 2009, /WOS: 000270746600006/ https://doi.org/10.2298/JSC0910075M /Comb. complexe/</p>	P.A./C.A.*	1.097
43.	<p><i>Antibacterial Co(II),Ni(II),Cu(II) and Zn(II) complexes with biacetyl-derived Schiff bases</i></p> <p>Imran M., Mitu L.*, Latif S., Mahmood Z., Naimat I., Zaman S.S., Fatima S. Journal of the Serbian Chemical Society, vol. 75(8), 1075-1084, 2010, /WOS: 000281683900006/ https://doi.org/10.2298/JSC091026098I /Comb. complexe/</p>	C.A.*	1.097
44.	<p><i>Complexation and biological behaviour of some first row transition metals with Schiff base derived from 5-acetamido-1,3,4-thiadiazole-2-sulphonamide</i></p> <p>S. Malik, S. Ghosh, L. Mitu* Journal of the Serbian Chemical Society, vol. 76(10), 1387-1394, 2011, /WOS: 000296821000006/ https://doi.org/10.2298/JSC110111118M /Comb. complexe/</p>	C.A.*	1.097
45.	<p><i>Computational, antimicrobial, DNA binding and anticancer activities of pyrimidine incorporated ligand and its copper(II) and zinc(II) complexes</i></p> <p>M. Sankarganesh, N. Revathi, J. Dhavethu Raja, K. Sakthikumar, G.G.V. Kumar, J. Rajesh, M. Rajalakshmi, L. Mitu* Journal of the Serbian Chemical Society, vol. 84(3), 277-291, 2019, /WOS: 000463002500005/ https://doi.org/10.2298/JSC180609080S /Comb. complexe/</p>	C.A.*	1.097
46.	<p><i>Reactivity of (H3-Allyl)Dicarbonylnitrosyl Iron Complexes with Dimethyl Malonate and Diisobutyl Malonate</i></p> <p>Misbah Tabassam, Amna Farooq, Muhammad Imran, Syeda Robina Gillani, Saima Saqib, Zaid Mehmood, L. Mitu* Bulletin of the Chemical Society of Ethiopia, vol. 31(2), 299-312, 2017, /WOS: 000416494700011/ 10.4314/bcse.v31i2.11 /Comb. complexe/</p>	C.A.*	0.837

47.	<p><i>Isothermal study of Congo Red dye biosorptive removal from water by Solanum tuberosum and Pisum sativum peels in economical way</i> Rehman, R., Manzoor, I., Mitu, L. Bulletin of the Chemical Society of Ethiopia, vol. 32(2), 213-223, 2018, /WOS: 000439409000003/ 10.4314/bcse.v32i2.3</p>	C.A.*	0.837
48.	<p><i>Synthesis, structural and photo-physical studies of transition metal complexes with Mannich bases derived from 2-mercaptobenzimidazole</i> A. Farooq, M. Imran, Z. Iqbal, T.H. Bokhari, S. Latif, A. Farooq, M. Liaqat, L. Mitu Bulletin of the Chemical Society of Ethiopia, vol. 32(3), 481-490, 2018, /WOS: 000451192800007/ 10.4314/bcse.v32i3.7 /Comb. complexe/</p>	C.A.*	0.837
49.	<p><i>Antibacterial studies of Co(II), Ni(II), Cu(II), Zn(II) complexes with Mannich base ligand</i> Ayesha Farooq, Muhammad Imran, Amna Farooq, Shoomaila Latif, Muhammad Liaqat, Zaigham Abbas, Gabriel Bratu, L. Mitu Bulletin of the Chemical Society of Ethiopia, vol. 33(3), 485-492, 2019, /WOS: 000496971800009/ 10.4314/bcse.v33i3.9 /Comb. complexe/</p>	C.A.*	0.837
50.	<p><i>Template Synthesis, Characterization and Antimicrobial Activity of the Complex Combinations of some Transitional Metals with Isonicotinoylhydrazone-2,4,6-Trimethylbenzaldehyde</i> L. Mitu, M. Iliş, F. Dumitraşcu, S. Şerban, M. Imran, S.A. Iqbal, N. Raman, M. Ancu Journal of the Chemical Society of Pakistan, vol. 33(2), 249-254, 2011, /WOS: 000292229800020/ https://jcs.org.pk/ /Comb. complexe/</p>	P.A./C.A.*	0.300

Din 50 articole rezultă:

FIC_(total) = 111.869;

FIC_D_(domenii declarate - Combinații complexe = 75.034 + Chimia materialelor = 18.033;

FIC_D_(domenii declarate) = 93.067 (75.034 + 18.033);

FIC_AP = 52.541;

FIC_AC = 52.541;

h-index_WoS = 15; h-index_SCOPUS (fără autocitări) = 16;

Domeniul principal: Combinații complexe (Chimie coordinativă);

Domenii secundare: Chimia materialelor, Chimie generală.

Standarde minimale ANEXA 4 Chimie Abilitare

Categorie	Standarde impuse	Standarde realizate	
$N_{\max}(*)$	50	50	Îndeplinit
FIC(**)	100	111.869	Îndeplinit
FIC_D(***)	70	93.067	Îndeplinit
FIC_{AP}(****)	50	52.541	Îndeplinit
FIC_{AC}(*****)	25	52.541	Îndeplinit
h_{index}	13	15	Îndeplinit

(*) N_{\max} – primele maxim N lucrări, organizate în ordinea descrescătoare a factorilor de impact ai revistelor în care au fost publicate;

(**) **FIC** – factorul de impact cumulat minimal al revistelor în care s-au publicat lucrările în cauză;

(***) **FIC_D** - factorul de impact cumulat minimal din publicații în domeniile de cercetare declarate;

(****) **FIC_{AP}** - factorul de impact cumulat minimal din publicații în calitate de autor principal (prim-autor și autor de corespondență);

(*****) **FIC_{AC}** - factorul de impact cumulat minimal din publicații în calitate de autor de corespondență.

