

Fisa de indeplinire a standardelor minimale si obligatorii privind conferirea atestatului de abilitare

Candidat Conf. Dr. MITU N. Liviu

Standarde minimale ANEXA_4_Chimie_Abilitare
OM 6129/2016

Categorie	Standarde impuse	Standarde realizate	
$N_{max} (*)$	50	50	Îndeplinit
FIC(**)	100	159.98	Îndeplinit
FIC _D (***)	70	159.98	Îndeplinit
FIC _{AP} (****)	50	76.19	Îndeplinit
FIC _{AC} (*****)	25	76.19	Îndeplinit
h_index	13	20	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.

Domeniul principal: Combinații complexe (Chimie coordinativă)

Domenii secundare: Chimia materialelor

Nr.	Lucrarea publicată	FIC	FIC _D	FIC _{AP}	FIC _{AC}
1.	<p><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</p>	6.7	6.7	6.7	6.7
2.	<p><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</p>	5.9	5.9	—	—
3.	<p><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</p>	5.9	5.9	—	—
4.	<p><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</p>	5.9	5.9	—	—
5.	<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. Dhaveethu Raja Journal of Saudi Chemical Society, vol. 22(4), 416-426, 2018; /WOS: 000432496800004/ https://doi.org/10.1016/j.jscs.2017.08.007</p>	5.9	5.9	5.9	5.9

6.	<p><i>Recent advances in catalytic reduction of CO₂ through Bismuth based MOFs</i> Rabia Zafar, Ayesha Javaid, Muhammad Imran*, Shoomaila Latif, Muhammad Naeem Khan, Liviu Mitu*, Romică Crețu Journal of Saudi Chemical Society, vol. 28(6) 2024; /WOS: 001313604700001/ https://doi.org/10.1016/j.jscs.2024.101926</p>	5.9	5.9	5.9	5.9
7.	<p><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</p>	5.3	5.3	—	—
8.	<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; /WOS: 000404218500008/ https://doi.org/10.3390/polym9060192</p>	4.7	4.7	—	—
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</p>	4.3	4.3	—	—
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</p>	4.3	4.3	—	—
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</p>	4.3	4.3	—	—

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</p>	4.3	4.3	—	—
13.	<p><i>Changes in spectrochemical and catalytic properties of biopolymer 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</p>	4.3	4.3	—	—
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</p>	4.3	4.3	—	—
15.	<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</p>	4.1	4.1	—	—
16.	<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 (24February2014), 63-74, 2014; /WOS: 000331688000011/ https://doi.org/10.1016/j.molstruc.2013.12.018</p>	4.0	4.0	—	—
17.	<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>, V. Muniyandi, N. Pravin, L. Mitu, N. Raman, Journal of Molecular Structure, vol. 1086 (15 April 2015), 56-63, 2015; /WOS: 000350518400008/ https://doi.org/10.1016/j.molstruc.2015.01.011</p>	4.0	4.0	—	—

18.	<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> B. Annaraj, L. Mitu, M.A. Neelakantan 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>	4.0	4.0	—	—
19.	<p><i>Oxicams as bioactive ligand system in coordination complexes and their biological applications</i> Muhammad Naeem, Adnan Ashraf*, Muhammad Imran*, Waseeq Ahmad Siddiqui, Gulzar Muhammad, Aimon Saleem, Umer Younas, Faisal Ali, Muhammad Asam Raza, Liviu Mitu* Comments on Inorganic Chemistry, Published online: 15 Feb. 2024; /WOS: 001162950100001/ https://doi.org/10.1080/02603594.2024.2313139</p>	3.8	3.8	3.8	3.8
20.	<p><i>Direct and mediator-based Z-scheme heterojunctions involving Bi₂MoO₆ for abatement of dyes and pharmaceuticals</i> Muhammad Asim Raza, Muhammad Imran*, Ayesha Javaid, Shoomaila Latif, Liviu Mitu* Comments on Inorganic Chemistry, Published online: 30 May 2024; /WOS: 001236031500001/ https://doi.org/10.1080/02603594.2024.2354448</p>	3.8	3.8	3.8	3.8
21.	<p><i>Fabrication of Fuel cell involving bismuth-based components for efficient and cost-effective strategies</i> Q.Mushtaq, Z.Saddique, A.Javaid, S.Latif, M.Imran*, L.Mitu* Comments on Inorganic Chemistry, Published online: 06 Nov 2024; 2024; /WOS: 001349347500001/ https://doi.org/10.1080/02603594.2024.2417272</p>	3.8	3.8	3.8	3.8
22.	<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</p>	3.7	3.7	—	—
23.	<p><i>Ternary Copper(II) complex based chemical probes for DNA targeting: Cytotoxic activity under visible light</i> M.K. Shanmugaiah, 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</p>	3.7	3.7	—	—

24.	<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> Saleem, SHS., Sankarganesh, M., Jose, PRA., Sakthikumar, K., Mitu, L.*, Raja, JD. Journal of Chemistry, Article Number: 3831507, Published: 2017, 2017; /WOS: 000416302300001/ https://doi.org/10.1155/2017/3831507</p>	2.8	2.8	2.8	2.8
25.	<p><i>Fabrication of Bilayer Coating of Poly (3,4-ethylenedioxy thiophene)-Halloysite/Chitosan and Mg²⁺/Sr²⁺-Doped HAP on Titanium Alloy for Biomedical Implant Applications: Physicochemical and In Vitro Biological Performances Studies</i> Chozhanathmisra, M., Govindaraj, D., Karthikeyan, P., Pandian, K., Mitu, L.*, Rajavel, R. Journal of Chemistry, Article Number: 9813827, Published: 2018, 2018; /WOS: 000446081000001/ https://doi.org/10.1155/2018/9813827</p>	2.8	2.8	2.8	2.8
26.	<p><i>Halloysite Nanotube-Reinforced Ion-Incorporated Hydroxyapatite-Chitosan Composite Coating on Ti-6Al-4V Alloy for Implant Application</i> M. Chozhanathmisra, K. Pandian, D. Govindaraj, P. Karthikeyan, L. Mitu*, R. Rajavel Journal of Chemistry, vol. 2019, Article ID: 7472058, 12 pages, 2019; /WOS: 000461663200001/ https://doi.org/10.1155/2019/7472058</p>	2.8	2.8	2.8	2.8
27.	<p><i>Removal of Acidic Dyes from Aqueous Media Using Citrullus Lanatus Peels: An Agrowaste-Based Adsorbent for Environmental Safety</i> S. Latif, R. Rehman, M. Imran, S. Iqbal, A. Kanwal, L. Mitu* Journal of Chemistry, vol. 2019, Article ID: 6704953, 9 pages, 2019; /WOS: 000462429500001/ https://doi.org/10.1155/2019/6704953</p>	2.8	2.8	2.8	2.8
28.	<p><i>Biosorptive removal of Cadmium(II) and Copper(II) using microwave assisted thiourea modified Sorghum bicolor agrowaste</i> M. Salman, R. Rehman, U. Farooq, A. Tahir, L. Mitu* Journal of Chemistry, vol. 2020, Article ID: 8269643, 11 pages, 2020; /WOS: 000534241900001/ https://doi.org/10.1155/2020/8269643</p>	2.8	2.8	2.8	2.8

29.	<p><i>Tartaric Acid-Modified Holarrhena antidysenterica and Citrullus colocynthis Biowaste for Efficient Eradication of Crystal Violet Dye from Water</i> Sumaira Basharat, Rabia Rehman, Tariq Mahmud, Sara Basharat, L. Mitu* Journal of Chemistry, vol. 2020, Article ID: 8862167, 18 pages, 2020; /WOS: 000603581700002/ https://doi.org/10.1155/2020/8862167</p>	2.8	2.8	2.8	2.8
30.	<p><i>Adsorptive separation of Brilliant Green dye from water by tartaric acid treated Holarrhena Antidysenterica and Citrullus colocynthis biowaste</i> Sumaira Basharat, Rabia Rehman, Liviu Mitu* Journal of Chemistry, Article ID: 6636181, Special Issue – 2021 (Trends in Dye Removal from Aqueous Systems), 2021; /WOS: 000640312400001/ https://doi.org/10.1155/2021/6636181</p>	2.8	2.8	2.8	2.8
31.	<p><i>Structural and morphological studies of V₂O₅/MWCNTs and ZrO₂/MWCNTs composites as photo-catalysts</i> Sajid Iqbal, Tanveer Hussain Bokhari, Shoomaila Latif, Muhammad Imran, Ayesha Javaid, Liviu Mitu* Journal of Chemistry, vol. 2021, Article ID: 9922726, 11 pages, 2021; /WOS: 000669045600001/ https://doi.org/10.1155/2021/9922726</p>	2.8	2.8	2.8	2.8
32.	<p><i>Use of Green Chemistry for Amputation of Chromium Ions from Wastewater by Alkali-Treated Composts of Fruit Peels in Economical Way</i> Shoomaila Latif, Rabia Rehman*, Muhammad Imran, Uzma Hira, Shahid Iqbal, Mehwish Akram, Liviu Mitu*, Reem Alsantali, Zahrah T. Al-thagafi Journal of Chemistry, vol. 2022, Article ID: 9924164, 14 pages, 2022; /WOS: 000865431100004/ https://doi.org/10.1155/2022/9924164</p>	2.8	2.8	2.8	2.8
33.	<p><i>Synthesis, Characterization, and Photocatalytic Activity of Mixed-Ligand Cerium(III) and Bismuth(III) Complexes</i> Shoomaila Latif, Maimoona Saeed, Muhammad Imran*, Ayesha Javaid, Uzma Hira, Liviu Mitu* Journal of Chemistry, vol. 2022, Article ID: 6849793, 12 pages, 2022; /WOS: 000868593000004/ https://doi.org/10.1155/2022/6849793</p>	2.8	2.8	2.8	2.8
34.	<p><i>Study of Antimicrobial Potency of Synthesized Cellulose-Based Nanocomposite Films Incorporating Bi-Fe-Sn Trimetallic Microcrystalline Using Terminalia arjuna Leaf Extract for Packaging and Medicinal Applications</i> Amara Dar, Rabia Rehman*, Nimrah Jamil, Ghufrana Samin,</p>				

	Muhammad Muzammil Jahangir, Zahrah T. Al-thagaf, Reem Alsantali, Maha E. Al-Hazemi, Liviu Mitu* Journal of Chemistry , vol. 2023, Article ID: 6122583, 10 pages, 2023; /WOS: 001015970600002/ https://doi.org/10.1155/2023/6122583	2.8	2.8	2.8	2.8
35.	<i>Photocatalytic and Biological Activities of Spherical Shape Cellulose/Silver Nanocomposites Using Xenostegia tridentata(L.) Leaf Extract</i> Shanmugam Chinnadurai, Sathishkumar Saravanan, Sridevi Chinnathambi, Sivakumar Sivalingam, Govindhan Poongavanam, Sivasubramanian Ganarajan, Baskaran Krishnan, Parthasarathi Bera, Parameswaran Veembil Ramachandra Iyer, Liviu Mitu* Journal of Chemistry , vol. 2023, Article ID: 1783423, 20 pages, 2023; /WOS: 001041612400001/ DOI: 10.1155/2023/1783423	2.8	2.8	2.8	2.8
36.	<i>Nano-materials for targeted drug delivery through skin to treat various diseases: recent trends and future perspective</i> Nazish Mumtaz, Muhammad Imran*, Ayesha Javaid, Shoomaila Latif, Nazim Hussain, Muhammad Bilal, Liviu Mitu* Journal of Chemistry , vol. 2023, Article ID: 3861758, 21 pages, 2023; /WOS: 001093510500001/ https://doi.org/10.1155/2023/3861758	2.8	2.8	2.8	2.8
37.	<i>Spectroscopic, SOD, anticancer, antimicrobial, molecular docking and DNA binding properties of bioactive VO(IV), Cu(II), Zn(II), Co(II), Mn(II) and Ni(II) complexes obtained from 3-(2-hydroxy-3-methoxybenzylidene)pentane-2,4-dione</i> A. Sakthivel, B. Thangagiri, N. Raman, J. Joseph, R. Guda, M. Kasula, L. Mitu Journal of Biomolecular Structure and Dynamics , vol. 39(17), 15 pages, 01 Oct. 2021, 2021; /WOS: 000559853900001/ https://doi.org/10.1080/07391102.2020.1801508 ,	2.7	2.7	—	—
38.	<i>Pharmaceutical manifestation of Knoevenagel condensed metal(II) complexes through virtual, in vitro and in vivo assessments</i> Samuel Michael, Porkodi Jeyaraman, Bhuvaneshwari Marimuthu, Rajasekar Rajamanikam, Radha Thanasamy, Karuppiiah Arunsunai Kumar, Liviu Mitu , Natarajan Raman Journal of Biomolecular Structure and Dynamics , Published online: 08 Jan 2024; /WOS: 001138775700001/ https://doi.org/10.1080/07391102.2023.2301059 ;	2.7	2.7	—	—

39.	<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/ https://dx.doi.org/10.4314/bcse.v32i3.7</p>	1.3	1.3	1.3	1.3
40.	<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, Liviu Mitu* Bulletin of the Chemical Society of Ethiopia, vol. 33(3) 485-492, 2019; /WOS: 000496971800009/ https://dx.doi.org/10.4314/bcse.v33i3.9</p>	1.3	1.3	1.3	1.3
41.	<p><i>Synthesis, Characterization and Biological Evaluation of Three New Schiff Bases derived from Amino Acids and their Ag(I) Complexes</i> Mehwish Aftab, Noreen Mazhar, Muhammad Tariq Shah, Mansoor Akhtar, Madeeha Batool, Tariq Mahmud*, Muhammad Asim Raza Basra, Gabriel Bratu, Liviu Mitu* Bulletin of the Chemical Society of Ethiopia, vol. 36(1), 45-56, 2022; /WOS: 000810241500005/ https://dx.doi.org/10.4314/bcse.v36i1.5</p>	1.3	1.3	1.3	1.3
42.	<p><i>Template synthesis, characterization and antimicrobial activity of some new complexes with isonicotinoylhydrazone ligands</i> Mitu L.*, Raman N., Kriza A., Stănică N., Dianu M. Journal of the Serbian Chemical Society, 74(10) 1075-1084, 2009; /WOS: 000270746600006/ https://doi.org/10.2298/JSC0910075M</p>	1.0	1.0	1.0	1.0
43.	<p><i>Antibacterial Co(II), Ni(II), Cu(II) and Zn(II) complexes with biacetyl-derived Schiff bases</i> Imran M., Mitu L.*, Latif S., Mahmood Z., Naimat I., Zaman S.S., Fatima S. Journal of the Serbian Chemical Society, 75(8) 1075-1084, 2010; /WOS: 000281683900006/ doi:10.2298/JSC091026098I</p>	1.0	1.0	1.0	1.0
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> S. Malik, S. Ghosh, L. Mitu*, Journal of the Serbian Chemical Society, 76(10) 1387-1394, 2011; /WOS: 000296821000006/ doi: 10.2298/JSC110111118M</p>	1.0	1.0	1.0	1.0

45.	<p><i>Computational, antimicrobial, DNA binding and anticancer activities of pyrimidine incorporated ligand and its copper(II) and zinc(II) complexes</i> M. Sankarganesh, N. Revathi, J. Dhaveethu Raja, K. Sakthikumar, G.G.V.Kumar, J.Rajesh, M.Rajalakshmi, L.Mitu* Journal of the Serbian Chemical Society, 84(3) 277-291, 2019; /WOS: 000463002500005/ https://doi.org/10.2298/JSC180609080S</p>	1.0	1.0	1.0	1.0
46.	<p><i>Template synthesis, characterization and biological activity of Cu(II), Ni(II), Co(II), Zn(II) complexes with isonicotinoylhydrazone-2-aldehyde fluorene ligand</i> Mitu L.*, Mohamed Farook N.A., Iqbal S.A., Raman N., Imran M., Sharma S.K. E-Journal of Chemistry, vol. 7(1), 227-233, 2010; /WOS: 000276160600034/ https://doi.org/10.1155/2010/293287</p>	0.696	0.696	0.696	0.696
47.	<p><i>Transition Metal Complexes of Isonicotinoylhydrazone-4-Diphenylaminobenzaldehyde: Synthesis, Characterization and Antimicrobial Studies</i>, L. Mitu*, M. Iliş, N. Raman, M. Imran, S. Ravichandran, E-Journal of Chemistry, vol. 9(1), 365-372, 2012; /WOS: 000299841500054/ https://doi.org/10.1155/2012/298175</p>	0.696	0.696	0.696	0.696
48.	<p><i>Removal of Chromium(III) using synthetic Polymers, Copolymers and their Sulfonated derivatives as adsorbents</i> F. Kanwal, M. Imran, L. Mitu, Z. Rashid, H. Razzaq, Q. Ain E-Journal of Chemistry, vol. 9(2), 621-630, 2012; /WOS: 000302159300017/ https://doi.org/10.1155/2012/857579</p>	0.696	0.696	—	—
49.	<p><i>3d-Metal complexes derived from proton pump Inhibitors-Synthesis, Characterization and Biological studies</i> S. Malik, S. Das, A. Singh, L. Mitu E-Journal of Chemistry, vol. 9(4), 1919-1928, 2012; /WOS: 000303776600030/ https://doi.org/10.1155/2012/969760</p>	0.696	0.696	—	—
50.	<p><i>Template Synthesis, Characterization and Antimicrobial Activity of the Complex Combinations of some Transitional Metals with Isonicotinoylhydrazone-2,4,6-Trimethyl benzaldehyde</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, 33(2) 249-254, 2011; /WOS: 000292229800020/ http://142.54.178.187:9060/xmlui/handle/123456789/19743</p>	0.6	0.6	0.6	0.6
	Total	159.98	159.98	76.19	76.19