

AVIZAT,
Director CSUD,
Prof. dr. ing. Eugen-Victor-Cristian RUSU

**FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE NECESARE
ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN
ÎNVĂȚĂMANTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE-
DEZVOLTARE
ÎN TOATĂ ACTIVITATEA**

Comisia 20 MEDICINĂ

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Standarde minimale conform MENCS nr. 6129/20.12.2016

Titlul Abilitare	Nr. articole ISI autor principal	Nr. articole ISI coautor	Index Hirsch Web of Science (ISI)	Factor cumulat de impact autor principal (FCIAP)
Standarde minimale	10	5	6	10
Standard realizat de către candidat	12	16	7	20.066

1. ARTICOLE ISI AUTOR PRINCIPAL

Domeniul Medicină, Farmacie: 10 articole, publicate pe parcursul întregii activități

12 articole ISI autor principal – CRITERIU ÎNDEPLINIT

1. Hilițanu LN, Mititelu-Tarțau L, Popa EG, Bucă BR, Gurzu IL, Fotache PA, Pelin A-M, Pricop DA, **Pavel LL**. Chitosan soft matter vesicles loaded with acetaminophen as promising systems for modified drug release. *Molecules* 2024; 29(1), 57: 1-20. ISSN: 1420-3049. (**FI = 4.6**).
<https://www.mdpi.com/1420-3049/29/1/57>
2. Pauna A-MR, Mititelu Tartau L, Bogdan M, Meca A-D, Popa GE, Pelin AM, Drochioi CI,



- Pricop DA, **Pavel LL**. Synthesis, characterization and biocompatibility evaluation of novel chitosan lipid micro-systems for modified release of diclofenac sodium. *Biomedicines* 2023, 11, 453. ISSN: 2227-9059. (FI = 4.700).
<https://www.mdpi.com/2227-9059/11/2/453>
3. Fotache AP, Mititelu-Tartau L, Șerban IL, Hăncianu M, Mircea CG, Pelin AM, **Pavel LL**. Vilazodone enhances the endurance capacity and improves the biological changes in treadmill test in rats. *Med Surg J – Rev Med Chir Soc Med Nat Iași* 2023; 127(1): 73-80. ISSN: 0048-7848. (FI = 0.100).
<https://www.revmedchir.ro/index.php/revmedchir/article/view/2714/1882>
 4. Earar K, Gurau G, Stefanescu V, **Pavel LL**, Bosinceanu D, Hurjui LL, Murariu A, Berbec S, Iordache C, Balos M, Fulga I, Stefanescu V, Beznea A. Improvement acrylic resins structure in removable prosthesis base polymerization. *Materiale plastice*, 2020, 57(4): 353-359. ISSN: 2668-8220. (autor corespondent) (FI = 0.593)
<https://revmaterialeplastice.ro/pdf/34%20KAMEL%204%202020.pdf>
 5. Cimpean SI, Pop-Ciutrita, Buduru S, **Pavel LL**, Florea DF, Delean AG, Moldovan M, Dudescu MC, Berbec S, Stefanescu V, Voinescu DC, Negucioiu M. Assessing fracture resistance of non vital teeth using two different composite systems: short fibre reinforced composite and glass fibre post with microfilled hybrid composite. *Materiale plastice*, 2020, 57(4): 286-296. ISSN: 2668-8220. (autor corespondent) (FI = 0.593)
<https://revmaterialeplastice.ro/pdf/27%20CIMPEAN%204%202020.pdf>
 6. Budacu CC, Antohe M-E, Costan V, Raftu G, Gurau G, **Pavel LL**, Stefanescu V. The improvement of polymer structure related to radical treatment of alveolar abscesses. *Materiale Plastice* 2020; 57(1): 321-328. ISSN: 2668-8220. (autor corespondent) (FI = 0.593)
<https://revmaterialeplastice.ro/pdf/37%20BUDACU%201%202020.pdf>
 7. Doina Vesa, Cristian Martu, Razvan Leata, Ludmila Lozneanu, Luminita Radulescu, George Stoica, Mihai Ganea, Aurelia Zaharia, Oana Chipirliu, Delia Cristina Luchianenco, Anca Racovanu, Georgeta Maria Laza, **Liliana Pavel**. Paranasal sinus mucocele: clinical, imagistic and biochemical aspects, *Revista de Chimie* 2018; 69(8): 2268-2272. ISSN: 0034-7752 (FI = 1.605)
<https://bch.ro/pdfRC/67%20VESA%208%2018.pdf>
 8. Aureliana Caraiane, Razvan Leata, Veronica Toba, Doina Vesa, Luana Andreea Macovei, Cristian Ionel Dan, **Liliana Pavel**. The chemical effect in medicine interaction determining the form and speed of psychical involution in the prosthetic restauration in the edentulous, *Revista de Chimie* 2018; 69(8): 2306-2310. ISSN: 0034-7752. (FI = 1.605)
<https://bch.ro/pdfRC/76%20CARAIANE%208%2018.pdf>
 9. Budacu CC, Ioanid N, Romanec C, Balan M, **Pavel LL**, Pacurar M, Rosu, S. Dental inclusion of canine and wisdom tooth in orthodontics chemical necroses. *Revista de Chimie* 2018; 69(8): 2191-2196 (autor corespondent) (FI = 1.605)
<https://bch.ro/pdfRC/51%20BUDACU%208%2018.pdf>
 10. **Liliana Lacramioara Pavel**, Carmen Tiutiuca, Sorin Ioan Berbec, Alina Plesea Condratovici, Nicoleta Ioanid, Chemical physiology of muscle contraction, *Revista de Chimie* 2017; 68(5): 1095-1097. ISSN: 0034-7752 (FI = 1.412)
<https://bch.ro/pdfRC/44%20PAVEL%20LACRAMIOARA%205%2017.pdf>
 11. Ana Camelia Grigore, Camelia Bușilă, Ioana Bianca Cheșaru, Alina Călin, **Liliana Lacramioara Pavel**, Biological futures of tumors results of experimental studies, *Revista de Chimie* 2017; 68(3): 594-598. ISSN: 0034-7752 (FI = 1.412)



<https://bch.ro/pdfRC/36%20GRIGORE%20A%20C%203%2017.pdf>

12. Maraiana Stuparu Cretu, Ana Camelia Grigore, Adrian Maier, Tudor Ovidiu Popa, Alina Plesea Condratovici, Carmen Dorobat, **Liliana Lacramioara Pavel**, Ioana Bianca Chesaru, Early stratification of sepsis using presepsine in emergency department (North-East of Romania experience), *Materiale Plastice* 2017; 54(41): 190-193. ISSN: 0025-5289. (**autor corespondent**) (FI = 1.248)

<https://revmaterialeplastice.ro/pdf/41%20CRETU%20M%201%2017.pdf>

2. ARTICOLE ISI COAUTOR

Domeniul Medicină, Farmacie: 5 articole publicate pe parcursul întregii activități

16 articole ISI coautor - CRITERIU ÎNDEPLINIT

1. Fotache PA, Mititelu-Tartau L, Bogdan M, Buca BR, **Pavel LL**, Pelin A-M, Meca A-D, Tartau C-G, Popa GE. Magnesium potentiates the vortioxetine's effects on physical performances and biological changes in exercise-induced stress in rats. *Medicina* 2022, 58, 1363. ISSN: 1648-9144. (FI 2022 = 2.600).
<https://www.mdpi.com/1648-9144/58/10/1363>
2. Hilitanu LN, Mititelu-Tartau L, Bogdan M, Buca BR, Păuna A-MR, **Pavel LL**, Pelin A-M, Meca A-D, Popa GE. The use of chitosan-coated nanovesicles in repairing alcohol-induced damage of liver cells in mice. *Medicina* 2022, 58, 762. ISSN: 1648-9144 (FI = 2.600).
<https://www.mdpi.com/1648-9144/58/6/762/pdf>
3. Anton IC, Mititelu-Tartau L, Popa EG, Poroch M, Poroch V, Pelin A-M, **Pavel LL**, Drochioi I, Botnariu GE. Zinc chloride enhances the antioxidant status, improving the functional and structural organic disturbances in streptozotocin-induced diabetes in rats. *Medicina* 2022, 58, 1620. (FI = 2.600).
<https://www.mdpi.com/1648-9144/58/11/1620>
4. Hilitanu LN, Mititelu-Tartau L, Popa GE, Buca BR, **Pavel LL**, Pelin AM, Meca AD, Bogdan M, Pricop DA. The analysis of chitosan-coated nanovesicles containing erythromycin-characterization and biocompatibility in mice. *Antibiotics – Basel* 2021; 10(12): 1471. ISSN: 2079-6382. (FI = 4.990).
<https://www.mdpi.com/2079-6382/10/12/1471>
5. Mititelu-Tartau L, Bogdan M, Pricop DA, Buca BR, Pauna A-M, Dijmarescu LA, Pelin A-M, **Pavel LL**, Popa GE. Assessment of the in vivo release and biocompatibility of novel vesicles containing zinc in rats. *Molecules* 2021, 26, 4101: 1-14. (FI = 4.927)
<https://www.mdpi.com/1420-3049/26/13/4101/htm>
6. Macri AM, Pop I, Simeanu D, Toma D, Sandu I, **Pavel LL**, Mintas O. The occurrence of aflatoxins in nuts and dry nuts packed in four different plastic packaging from the Romanian market. *Microorganisms* 2020; 9(61): 1-12. ISSN: 2076-2607. (FI = 4.020)
<https://www.mdpi.com/2076-2607/9/1/61/htm>
7. Carmen Gabriela Stelea, Iulian Constantin, Cristian Budacu, Alexandra Lorina Platon, Mihail Balan, **Liliana Pavel**, Ioan Sirbu, Mihaela Gabriela Luca, Mihai Constantin, The role of chemical agents in the microbial flora with major risk of interventions in maxillo-facial surgery. *Revista de Chimie* 2019; 70(6): 1988-1991. ISSN: 0034-7752 (FI = 1.755)
<https://www.revistadechimie.ro/pdf/20%20STELEA%206%2019.pdf>
8. Buca BR, Mititelu Tartau L, Rezus C, Filip C, Pinzariu AC, Rezus E, Popa GE, Panainte A, Lupusoru CE, Bogdan M, **Pavel L**, Lupusoru RV, The effects of two nitric oxide



- donors in acute inflammation in rats - experimental data, *Revista de Chimie* 2018, 69(10): 2899-2903. ISSN: 0034-7752 (FI = 1.605)
<https://bch.ro/pdfRC/61%20BUCA%2010%2018.pdf>
9. Stelian Ioan Morariu, Letitia Doina Duceac, Alina Costina Luca, Florina Popescu, **Liliana Pavel**, Cristina Maria Gavrilescu, Soil chemical pollution and aggressive pathologies. *Revista de Chimie* 2018, 69(8): 2278-2282. ISSN: 0034-7752 (FI = 1.605)
<https://bch.ro/pdfRC/69%20MORARIU%208%2018.pdf>
10. Mihai Constantin, Cristian Constantin Budacu, **Liliana Pavel**, Sorana Rosu, Aureliana Caraiane, Chemical study of antibiotics in treatment of non-specific perimaxial suppurations in pregnancy, *Revista de Chimie* 2018, 69(8): 2287-2290. ISSN: 0034-7752 (FI = 1.605)
<https://bch.ro/pdfRC/71%20CONSTANTIN%20M%208%2018.pdf>
11. Manuela Arbune, Mioara Decusara, Luana Andreea Macovei, Aurelia Romila, Alina Viorica Iancu, Lucian Laurentiu Indrei, **Liliana Pavel**, Gheorghe Raftu. Surveillance of antibiotic resistance among enterobacteriaceae strains isolated in an infectious diseases hospital from Romania, *Revista de Chimie* 2018, 69(5): 1240-1243. ISSN: 0034-7752 (FI = 1.605)
<https://bch.ro/pdfRC/43%20ARBUNE%205%2018.pdf>
12. Mioara Decusara, Aurelia Romila, **Liliana Pavel**, Lucian Laurentiu Andrei, Magdalena Rusu Negraia, Luana Andreea Macovei, Chemical changes caused by calcium deposition in Forestier-Rotes-Querrol's disease, *Revista de Chimie* 2018, 69(5): 1254-1256. ISSN: 0034-7752 (FI = 1.605)
<https://bch.ro/pdfRC/46%20DECUSARA%205%2018.pdf>
13. Sorin Ioan Berbece, Alina Plesea Condratovici, **Liliana Lacramioara Pavel**, Ana Camelia Grigore, Changes in the chemical composition of blood, *Revista de Chimie* 2017, 68(5): 1073-1076. ISSN: 0034-7752 (FI = 1.412)
<https://bch.ro/pdfRC/39%20BERBECE%20S%205%2017.pdf>
14. Cerasela Dorina Sincar, Nicoleta Ioanid, Ioana Rudnic, Ioana Martu, Sorina Mihaela Solomon, **Liliana Lacramioara Pavel**, Ciprian Rezus, Silvia Martu, Catalin Plesea Condratovici, The biochemical effects of non-surgical periodontal therapy in patients with and without chronic renal disease. *Revista de Chimie* 2017, 68(3): 1073-1076. ISSN: 0034-7752605-607 (FI = 1.412)
<https://bch.ro/pdfRC/39%20SINCAR%20C%20D%203%2017.pdf>
15. Cerasela Dorina Sincar, Camelia Ana Grigore, Silvia Martu, **Liliana Lacramioara Pavel**, Alina Calin, Alina Plesea Condratovici, Bianca Ioana Chesaru, Chemical senses. Taste sensation and chemical composition. *Materiale Plastice* 2017; 54(41): 172-174. ISSN: 0025-5289 (FI = 1.248)
<https://www.revmaterialeplastice.ro/pdf/37%20SINCAR%20C%201%2017.pdf>
16. Mirela Modrigan, Miruna Draganescu, Catalin Plesea Condratovici, **Liliana Lacramioara Pavel**, Alina Plesea Condratovici, Clinical personality patterns in young adults with hiv nosocomial infection from the region of South-East Romania, *Materiale Plastice* 2017; 54(41): 175-179. ISSN: 0025-5289 (FI = 1.248)
<https://www.revmaterialeplastice.ro/pdf/38%20MODRIGAN%20M%201%2017.pdf>

3. FACTOR CUMULAT DE IMPACT*

Domeniul Medicină, Farmacie: 10 - pe parcursul întregii activități



FI = 4.600 +

FI = 4.700 +

FI = 0.100 +

FI = 0.593 +

FI = 0.593 +

FI = 0.593 +

FI = 1.605 +

FI = 1.605 +

FI = 1.605 +

FI = 1.412 +

FI = 1.412 +

FI = 1.248

Factor cumulat de impact = 20.066 – CRITERIU ÎNDEPLINIT

The screenshot displays the 'Journal Information' page for the journal 'MOLECULES' on the Web of Science platform. The page includes the following data:

- Journal Information:**
 - Publisher name: MDPI
 - Journal Impact Factor™: 4.6 (2022)
 - Journal Citation Indicator™: 0.66 (2022)
- Category and Quartile Table:**

JIF Category	Category Rank	Category Quartile
MOLECULES	1000	Q1
MOLECULES	1000	Q1

Web browser window showing a search for "Biomedicines".

Journal information

BIOMEDICINES
 Publisher name: MDPI

Journal Impact Factor™
 4.7 (2022) **4.9** (Pre view)

JCR Category	Category Rank	Category Quartile
BIOCHEMISTRY & MOLECULAR BIOLOGY in SCIE database	42/325	Q1
MEDICAL RESEARCH EXPERIMENTAL in SCIE database	14/120	Q1
PHARMACOLOGY & PHARMACY in SCIE database	16/276	Q1

Source: Journal Citation Reports 2022. Learn more

Journal Citation Indicator™
 0.87 (2022) **0.81** (2021)

JCI Category	Category Rank	Category Quartile
BIOCHEMISTRY & MOLECULAR BIOLOGY	14/120	Q1

Web browser window showing a search for "Medical Surgical Journal".

Journal information

MEDICAL SURGICAL JOURNAL REVISTA MEDICO-CHIRURGICALA
 Publisher name: SOC MEDICI NATURALISTI (SOCIETY OF PHYSICIAN NATURALISTS)

Journal Impact factor™
 0.1 (2022) **0.1** (Pre view)

JCR Category	Category Rank	Category Quartile
MEDICAL, SURGICAL & INTERNAL MEDICINE	280/317	Q4

Source: Journal Citation Reports 2022. Learn more

Journal Citation Indicator™
 0.03 (2022) **0.07** (2021)

JCI Category	Category Rank	Category Quartile
MEDICAL, SURGICAL & INTERNAL MEDICINE	280/317	Q4

The Journal Citation Indicator is a measure of the average Category Normalized Citation Impact (CNCI) of citable items (articles and reviews) published by a journal over a recent three year period. It is used to help you evaluate journals based on other metrics besides the Journal Impact Factor (JIF).

Learn more

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 Add this journal to your reviewer interests. Add journal

The screenshot shows the ISI Web of Science search results page. The search query is "REVISTA DE CHIMIE". The results are sorted by Relevance. A pop-up window titled "MATERIALE PLASTICE" is displayed over the first result, showing an "Annual Impact Factor™" of 0.553 and a "5 Year Impact Factor" of 0.564. The first result is "Improvement of Acrylic Resins Structure in Renewable Prosthesis Base Polymerization" with 17 references. The second result is "JDR Category" with 21 references. The third result is "Assessing Proximal Positioning of new Third Teeth Using Two Different Composite Systems: Short-Fiber Reinforced Composite and Glass-Fiber Post with Microfilled Hybrid Composite" with 43 references.

The screenshot shows the InCites Journal Citation Reports page for "REVISTA DE CHIMIE". The journal's ISSN is 0034-7792. The categories listed are CHEMISTRY, MULTIDISCIPLINARY - SCIE, ENGINEERING, CHEMICAL - SCIE. The languages listed are Romanian. The page includes a "Key Indicators" table with the following data:

Year	Total Cites	Journal Impact Factor	Impact Factor Without Journal Self-Cites	5 Year Impact Factor	5 Year Index	Citation Items	Cited Half-Life	Citing Half-Life	Eigenfactor Score	Article Influence Score	% of Citable Items	Normalized Eigenfactor	Average JIF Percentile
2016	4,332	1.605	0.557	1.343	0.685	790	2.9	6.9	0.00	0.052	99.62	0.18	39.802
2017	3,194	1.412	0.542	1.122	0.562	637	2.6	7.4	0.00	0.047	100.00	0.13	39.770
2018	2,228	1.232	0.388	0.956	0.389	556	3.0	8.1	0.00	0.057	99.62	0.14	36.660

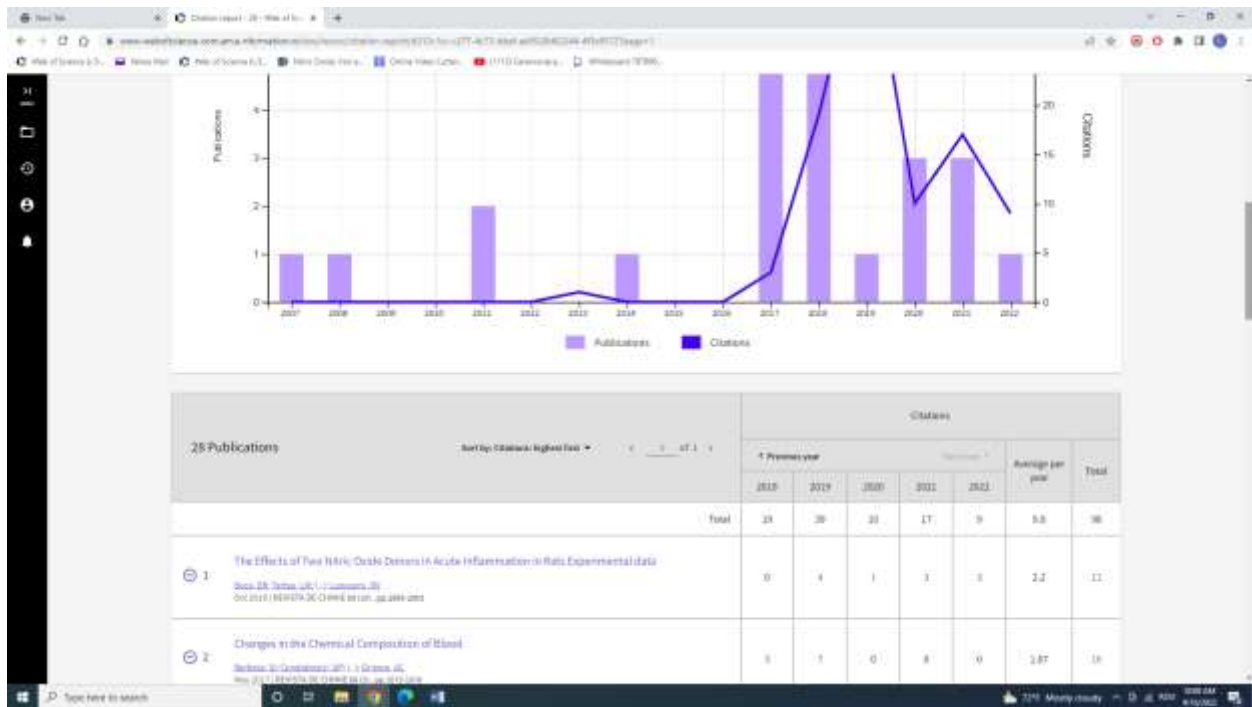
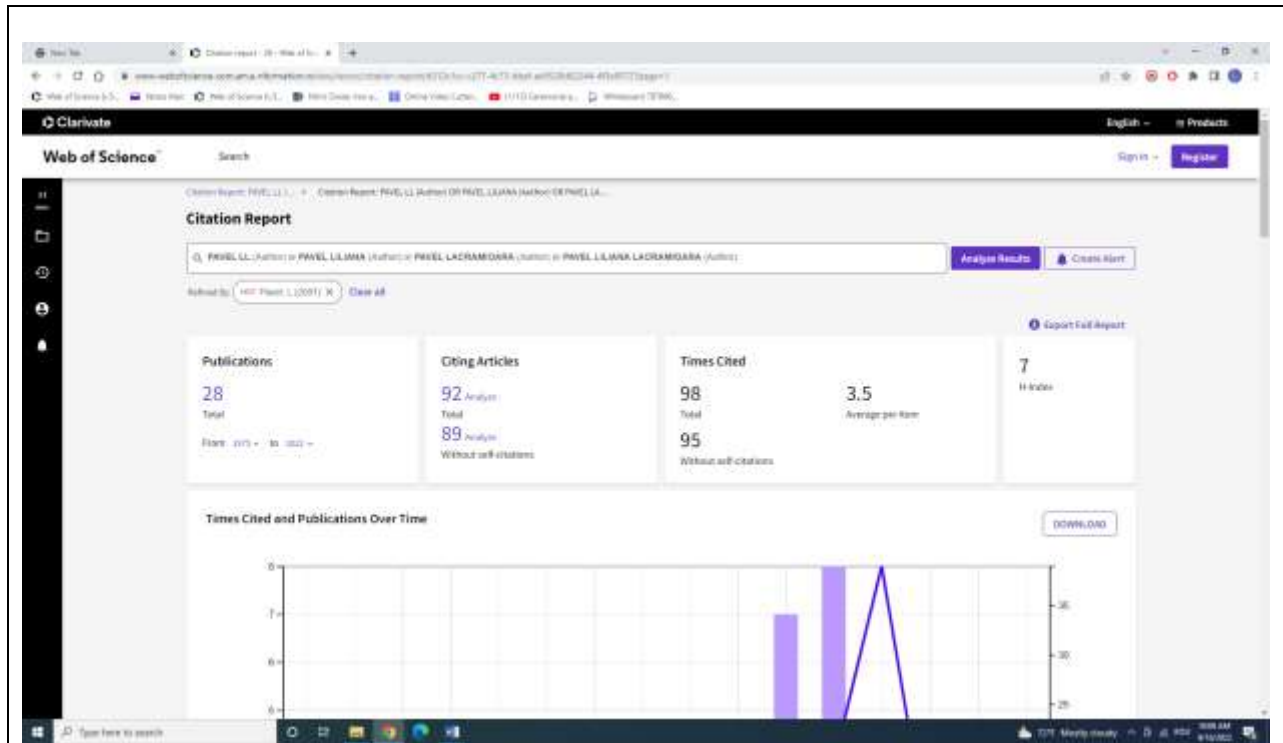
4. INDICE HIRSCH*

Domeniul Medicină, Medicină dentară, Farmacie = 6

* conform ISI Web of Science, Core Collection, Thomson Reuters

Indice Hirsch = 7 – CRITERIU ÎNDEPLINIT

<https://www-webofscience-com.am.enformation.ro/wos/woscc/citationreport/952ce11d-8205-47d3-897d6e47910e281b-4e2efb39>



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