

**FISA DE VERIFICARE A INDEPLINIRII STANDARDELOR MINIMALE
NECESARE SI OBLIGATORII PENTRU CONFERIREA TITLURILOR
DIDACTICE DIN INVATAMANTUL SUPERIOR SI A GRADELOR
PROFESIONALE DE CERCETARE-DEZVOLTARE**

Comisia 20 MEDICINA

Conf. Univ. Dr. LETIȚIA DOINA DUCEAC
Medic primar epidemiologie

Standarde minimale conform MENCS nr. 6129/20.12.2016

Tabelul nr.1

Titlul	Nr. Articole ISI Autor principal	Nr. Articole ISI Coautor	Index Hirsch Web of Science	(ISI) Factor cumulat de impact autor principal (FCiAP)
Profesor universitar/CSI	10	5	6	10
Abilitare	10	5	6	10

A). Autor principal_14 articole ISI

1. Ana Minodora Grozdan, Rodica Ghiuru, **Letiția Doina Duceac**, Maria Mădălina Bodescu, *The Prevention of the risk of depression at metabolic syndrome patients by making a minimum hepatic investigations*, Revista de Chimie, vol.67, nr. 12/2016, pp. 2654-2658 (ISI) Factor de impact (2016)=1,232 (**autor corespondent - autor principal**)
<https://revistadechimie.ro/pdf/GROZDAN%2012%2016.pdf>
2. **Letiția Doina Duceac**, Cristina Elena Dobre, Ioana Păvăleanu, Gabriela Călin, Simona Nichituș, Daniela Damir: *Diseases prevention by water defluoridation using hydrotalcites as decontaminant materials*, Revista de Chimie (Bucharest), vol.68, nr. 1, 2017, pp. 168-171 , (ISI). Factor de impact (2017)=1,412 . (**primul autor- autor principal**)
<https://revistadechimie.ro/pdf/DUCEAC%201%2017.pdf>

LUCRARE CITATĂ ÎN

1.	Alina Gavrilut, Boris Constantin, Gabriel Gavrilut, Maricel Agop, Approximation properties from a mathematicalphysical perspective. Possible correlations with the neuronal network fractality , Buletinul Institutului Politehnic Iasi, Volumul 62(66), numarul 1, 2016 https://cmmi.tuiasi.ro/wp-content/uploads/buletin/fizica/2016/16-1-1.pdf
2.	Yanan Shang ,Kangying Guo et all, Material hibrid multifuncțional pe bază de celuloză pentru sechestrarea fosfatului în coloane de purificare a apei stratificate , Celuloză volum 25 , pagini5877 - 5892 (2018). https://link.springer.com/article/10.1007/s10570-018-1954-5
3.	Yuan Hu and XIN Wang, Flame Retardant Polymeric Materials: A Handbook, Series in Materials Sciences and Engineering, CRC Press 2020 – carte https://books.google.ro/books?hl=en&lr=&id=rWytDwAAQBAJ&oi=fnd&pg=PP1&ots=wHE40r3Q63&sig=zgs-Q5XtqlkYzCkD7ut6yMjvHPk&redir_esc=y#v=onepage&q&f=false
4.	GABRIEL CRUMPEI, ALINA GAVRILUT, TITIANA CONSTANTIN, On a new possible class of cellular neural network , Buletinul Institutului Politehnic Iasi, Volumul 62(66), numarul 1, 2016 https://cmmi.tuiasi.ro/docs/buletin/Vol.%20MMF%201%20din%202016.pdf#page=23
5.	Cinzia Pagano ,Luana Perioli et all, Dentifrice pe bază de compuși fluor-hidrotalcit: caracterizarea și evaluarea capacității de eliberare prin metode noi in vitro , AAPS PharmSciTech volum 20 , Număr articol: 248 (2019) https://link.springer.com/article/10.1208/s12249-019-1459-z

3. Ana Minodora Grozdan, Oana Păduraru, Rodica Ghiuru, Costinela Georgescu, **Letiția Doina Duceac: Clinical and biochemical study of hypoandrogenic metabolic syndrome in the cardiovascular risk contex of male patients**, Revista de Chimie (Bucharest) ,vol, 54, No 1, 2017, (ISI), pp. Factor de impact (2017) =1,412. (**ultimul autor - autor principal**)
<http://www.revistadechimie.ro>
<https://revmaterialeplastice.ro/pdf/31%20GROZDAN%20A%201%2017.pdf>

4. **Letiția Doina Duceac**, Liviu Stafie, Elena Ariela Banu, Oana Păduraru, Gabriela Călin, Mădălina Irina Ciuhodaru: *Self-assembled nanomaterials type layered double hydroxides-antibiotics used as drug delivery vectors*, Revista de Chimie (Bucharest) ,vol, 68, No 11, 2017, pp.2542-2544 (ISI), Factor de impact (2017)=1,412.(**primul autor- autor principal**)
<https://revistadechimie.ro/pdf/15%20DUCEAC%2011%2017.pdf>

LUCRARE CITATĂ ÎN

1.	Manea, L. R.; Berteza, A. P.; Berteza, A, Progress in Electrospun Nanofibres for Air Filtration , IOP Conference Series: Materials Science and Engineering, Volume 877, Issue 1, pp. 012043 (2020) https://ui.adsabs.harvard.edu/abs/2020MS%26E..877a2043M/abstract
2.	M S Bălțatu, P Vizureanu et all., Electrochemical Behaviour of Ti-Mo Alloys for Medical Application in Biological Solution , IOP Conference Series: Materials Science and Engineering, Volume 877, International Conference on Innovative Research - ICIR EUROINVENT 2020 21-23 May 2020, Iasi, Romania https://iopscience.iop.org/article/10.1088/1757-899X/877/1/012031/meta

5. Stelian Ioan Morariu, **Letiția-Doina Duceac**, Alina- Costina Luca, Florina Popescu, Liliana Pavel, Cristina-Maria Gavrilescu: *Soil Chemical Pollution and Aggressive Pathologies*, Revista de Chimie (Bucharest) ,vol. 69 , No.8, 2018, (ISI), pp.2278-2282, Factor de impact (2018)= 1,605 (**autor corespondent – autor principal**).
<https://revistadechimie.ro/pdf/69%20MORARIU%208%2018.pdf>

LUCRARE CITATĂ ÎN

1.	Cristian Mihai ENESCU, Lucian DINCĂ, Adrian Ioan TIMOFTE, MAIN CHARACTERISTICS OF FOREST SOILS ACROSS GETIC PIEDMONT (SOUTH-WESTERN ROMANIA) Scientific Papers. Series A. Agronomy, Vol. LXII, No. 1, 2019 ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785 http://agronomyjournal.usamv.ro/pdf/2019/issue_1/Art6.pdf
2.	Ariadna Petronela FILDAN et all, LUNG CANCER IN PATIENTS WITH PULMONARY TUBERCULOSIS: EPIDEMIOLOGICAL AND CLINICAL FEATURES, The Medical-Surgical Journal, Vol 124 No 1 (2020): https://www.revmedchir.ro/index.php/revmedchir/article/view/2047

6. **Letiția Doina Duceac**, Alina Costina Luca, Geta Mitrea, Elena Ariela Banu, Mădălina Irina Ciuhodaru, Irina Mihaela Ciomaga, Daniela Luminița Ichim, Ginel Baci: *Ceftriaxone intercalated nanostructures used to improve medical treatment*, Revista Materiale Plastice (Bucharest), Secțiunea Aplicații în medicină, medicină dentară, farmacie, vol.55 , No. 4, 2018, pp. 613-615 (ISI) Factor de impact (2018)= 1,393, (**primul autor- autor principal**).
<https://revmaterialeplastice.ro/pdf/DUCEAC%204%2018.pdf>

LUCRARE CITATĂ ÎN

1.	IRINA ESANU, MIHAELA DEBITA, CARMEN MIHAELA DOROBAT, ALEXANDRU ANDREI ILIESCU, MADALINA NICOLETA MATEI, DRAGOS OCTAVIAN PALADE, KAMEL EARAR, Chemical and Biological Factors in Infectious Diseases The oral microbial flora, REV.CHIM.(Bucharest), 70, No.4, 2019 https://www.revistadechimie.ro/pdf/67%20ESANU%204%2019.pdf
2.	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 Maxilo-facial Surgery REV.CHIM.(Bucharest), 70, No. 6 , 2019 https://www.revistadechimie.ro/pdf/20%20STELEA%206%2019.pdf
3.	ROMINA MARINA SIMA, DRAGOS ALBU, ANTONIU CRINGU IONESCU, MIHAI DIMITRIU, MIHAI POPESCU, DANA-RODICA TOMESCU, RADU CHICEA, IULIANA CEAUSU, IOAN-IULIAN IORDACHE, MIRCEA-OCTAVIAN POENARU, ALEXANDRA MATEI, ALINA CALIN, LIANA PLES, The Impact of Ulipristal Acetate (UPA) versus Dienogest on Pain Related to Endometriomas Evaluated with Visual Analogue Scale (VAS) REV.CHIM.(Bucharest), 70, No. 4 , 2019 https://www.revistadechimie.ro/pdf/83%20SIMA%204%2019.pdf
4.	DOREL FIRESCU, RADU ANDY SASCAU, GHEORGHE RAFTU, CRISTIAN STATESCU, TUDOR CUCIUREANU, DAN IULIAN CUCIUREANU, Thermography as Method of Paraclinic Diagnosis in Diabetic Polyneuropathy REV.CHIM.(Bucharest), 70, No. 4 , 2019 https://www.revistadechimie.ro/pdf/73%20FIRESCU%20D%204%2019.pdf

7. Alina Costina Luca, **Letiția Doina Duceac**, Geta Mitrea, Mădălina Irina Ciuhodaru, Daniela Luminița Ichim, Ginel Baciuc, Elena Ariela Banu, Alin Constantin Iordache: *Antibiotic encapsulated nanomaterial with application in medical area*, acceptată spre publicare în Revista Materiale Plastice (Bucharest), Secțiunea Aplicații în medicină, medicină dentară, farmacie, vol.55 , No 4, 2018, pp.552-554 (ISI) Factor de impact (2018)=1,393. (autor corespondent – autor principal).

<https://revmaterialeplastice.ro/pdf/LUCA%20A%204%2018.pdf>

LUCRARE CITATĂ ÎN

1.	IRINA ESANU, MIHAELA DEBITA, CARMEN MIHAELA DOROBAT, ALEXANDRU ANDREI ILIESCU, MADALINA NICOLETA MATEI, DRAGOS OCTAVIAN PALADE, KAMEL EARAR, Chemical and Biological Factors in Infectious Diseases The oral microbial flora, REV.CHIM.(Bucharest), 70, No.4, 2019 https://www.revistadechimie.ro/pdf/67%20ESANU%204%2019.pdf
2.	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 Maxilo-facial Surgery REV.CHIM.(Bucharest), 70, No. 6 , 2019 https://www.revistadechimie.ro/pdf/20%20STEELEA%206%2019.pdf
3.	ROMINA MARINA SIMA, DRAGOS ALBU, ANTONIU CRINGU IONESCU, MIHAI DIMITRIU, MIHAI POPESCU, DANA-RODICA TOMESCU, RADU CHICEA, IULIANA CEASU, IOAN-IULIAN IORDACHE, MIRCEA-OCTAVIAN POENARU, ALEXANDRA MATEI, ALINA CALIN, LIANA PLES, The Impact of Ulipristal Acetate (UPA) versus Dienogest on Pain Related to Endometriomas Evaluated with Visual Analogue Scale (VAS) REV.CHIM.(Bucharest), 70, No. 4 , 2019 https://www.revistadechimie.ro/pdf/83%20SIMA%204%2019.pdf
4.	DOREL FIRESCU, RADU ANDY SASCAU, GHEORGHE RAFTU, CRISTIAN STATESCU, TUDOR CUCIUREANU, DAN IULIAN CUCIUREANU, Thermography as Method of Paraclinic Diagnosis in Diabetic Polyneuropathy REV.CHIM.(Bucharest), 70, No. 4 , 2019 https://www.revistadechimie.ro/pdf/73%20FIRESCU%20D%204%2019.pdf

8. **Letiția- Doina Duceac**, Elena Țarcă, Mădălina Irina Ciuhodaru, Marinela Monica Țăntu, Roxana Elena Bogdan Goroftei, Elena Ariela Banu, Daniela Damir, Mihai Glod, Alina Costina Luca: *Study of the mechanism of antibiotic resistance*, Revista de Chimie (Bucharest), vol.70, No.1, 2019, pp.199-201. (ISI), Factor de impact (2019)=1,755. (**primul autor- autor principal**)
<https://revistadechimie.ro/pdf/43%20DUCEAC%201%2019.pdf>

LUCRARE CITATĂ ÎN

1.	Madalina Preda, Alina-Alexandra Serbanescu, Mara Madalina Mihai, Gabriela-Loredana Popa, Loredana Cornelia Sabina Manolesc , Mircea-Ioan Popa, The Need to Develop New Antimicrobial Molecules, as Revealed by in vitro Assessment of Drug Resistance in Staphylococcal Skin Infections Treated with Autologous Bacterial Vaccine, Rev. Chim., 71 (8), 2020, 292-303 https://revistadechimie.ro/pdf/30PREDA820.pdf
----	---

9. **Letiția- Doina Duceac**, Elena Ariela Banu, Ginel Baci, Vasile Valeriu Lupu, Irina Mihaela Ciomaga, Elena Țarcă, Geta Mitrea, Daniela Luminița Ichim, Alina Costina Luca: *Assessment of bacteria resistance according to antibiotics chemical structure*, Revista de Chimie (Bucharest), vol.70. No.3, 2019, pp. 906-908. (ISI), Factor de impact (2019)= 1,755. (**primul autor- autor principal**)
<https://www.revistadechimie.ro/pdf/30%20DUCEAC%203%2019.pdf>
10. **Letiția- Doina Duceac**, Geta Mitrea, Elena-Ariela Banu, Mădălina- Irina Ciuhodaru, Irina-Mihaela Ciomaga, Daniela-Luminița Ichim, Constantin Marcu, Alina-Costina Luca: *Synthesis and characterization of carbapeneme based nanohybrids as antimicrobial agents for multidrug resistant bacteria*, Revista Materiale Plastice (Bucharest), Secțiunea Aplicații în Medicină, Medicină Dentară, Farmacie, vol.56. No.2, 2019, pp.388-391 (ISI), Factor de impact (2019)=1,517. (**primul autor- autor principal**)
<https://revmaterialeplastice.ro/pdf/18%20DUCEAC%202%2019.pdf>
11. Elena Ariela Banu, **Letiția- Doina Duceac**, Geta Mitrea, Mădălina-Irina Ciuhodaru, Daniela Luminița Ichim, Irina Ciomaga, Marcu Constantin, Roxana Elena Bogdan Goroftei, Ginel Baci- *Synthesis and physico-chemical characterization of nanohybrid materials based on isonicotinic acid hydrazide*, Revista Materiale Plastice (Bucharest), Secțiunea Aplicații în Medicină, Medicină Dentară, Farmacie, vol.56. No.2, 2019, pp.392-395 (ISI),

Factor de impact (2019)=1,517.(Letiția- Doina Duceac, Geta Mitrea, Mădălina Ciuhodaru-corespondenți) (**autor corespondent – autor principal**)

<https://revmaterialeplastice.ro/pdf/19%20BANU%20A%202%2019.pdf>

12. Letiția-Doina Duceac, Constantin Marcu, Daniela Luminița Ichim, Irina Mihaela Ciomaga, Elena Țarcă, Alin Constantin Iordache, Mădălina Irina Ciuhodaru, Laura Florescu, Dana Tutunaru, Alina Costina Luca, Liviu Stafie: *Antibiotic Molecules Involved in Increasing Microbial Resistance*, Revista de Chimie (Bucharest), vol.70. No.7, 2019, pp. 2622-2626. (ISI), Factor de impact (2019)=1,755.(**primul autor- autor principal**)

<https://www.revistadechimie.ro/pdf/65%20DUCEAC%207%2019.pdf>

LUCRARE CITATĂ ÎN

1.	I-E Ciobotaru, E Marcu, C Maria, A A Ivanov, I Savin , A Moncea , C Tociu and Gy Deák Improvement of Microplastics Separation from Synthetic Samples – A Key Step for Their Analysis, IOP Conf. Series: Materials Science and Engineering 877 (2020) 012026, doi:10.1088/1757-899X/877/1/012026 https://iopscience.iop.org/article/10.1088/1757-899X/877/1/012026/pdf
2.	Z Iwińska, and P Pietrusiewicz, Synthesis of Carbon Quantum Dots from Food Products by Hydrothermal Carbonization Method, IOP Conf. Series: Materials Science and Engineering 877 (2020) 012010, doi:10.1088/1757-899X/877/1/012010. https://iopscience.iop.org/article/10.1088/1757-899X/877/1/012010/pdf
3.	S Spînu, A Orjan, D Ionescu, I Moraru and M Drugulescu, Comparison of Total Phenolic Content, Antioxidant Activity and Extraction Yield from Apium Graveolens Waste Using Unconventional Extraction Methods, IOP Conf. Series: Materials Science and Engineering 877 (2020) 012058, doi:10.1088/1757-899X/877/1/012058 https://iopscience.iop.org/article/10.1088/1757-899X/877/1/012058/pdf

13. Daniela Luminița Ichim, Letiția-Doina Duceac, Constantin Marcu, Alin Constantin Iordache, Irina Mihaela Ciomaga, Alina Costina Luca, Elena Roxana Bogdan Goroftei, Liviu Stafie: *Synthesis and Characterization of Colistin Intercalated Nanoparticles Used to Combat Multi-Drug Resistant Microorganisms*, Revista de Chimie (Bucharest), vol.70. No.10, 2019, pp. (ISI), Factor de impact (2019)=1,755 (**autor corespondent- principal**).

<https://revistadechimie.ro/pdf/62%20ICHIM%2010%2019.pdf>

14. **Letiția Doina Duceac**, Gabriela Calin, Lucian Eva, Constantin Marcu, Elena Roxana Bogdan Goroftei, Marius Gabriel Dabija, Geta Mitrea, Alina Costina Luca, Elena Hanganu, Cristian Guțu, Liviu Stafie, Elena Ariela Banu, Carmen Greierosu and Alin Constantin Iordache: *Third Generation Cephalosporin Loaded Chitosan Used to Limit Microorganisms Resistance*, Materials 2020, 13(21), 4792; FI (2020) =3,057) – (**primul autor- autor principal**)
<https://doi.org/10.3390/ma13214792>.
<https://www.mdpi.com/1996-1944/13/21/4792>

B). Coautor _5 articole ISI

1. Roxana Maria Nemeș, **Letiția Doina Duceac**, Elena Geanina Vasincu, Maricel Agop, Paraschiva Postolache: *On The Implications Of The Biological Systems Fractal Morpho-Functional Structure*, U.P.B. Sci. Bull., Series A, Vol. 77, Iss. 4, 2015 ISSN 1223-7027, Pp. 263-272 (ISI). FI (2015)=0,365. (coautor)
http://www.scientificbulletin.upb.ro/rev_docs_arhiva/full2be_439437.pdf

LUCRARE CITATĂ ÎN

1.	Antohe Magda-Ecaterina, Andronache Monica, Feier Ramona, Stamatina Ovidiu, Forna Norina Consuela, ASPECTS OF ORAL REHABILITATION USING REMOVABLE DENTURES: ESTHETICS AND FUNCTIONALITY , Romanian Journal of Oral Rehabilitation, vol. 10, nr. 1, ianuarie-martie 2018. http://www.rjor.ro/wp-content/uploads/2018/04/ASPECTS-OF-ORAL-REHABILITATION-USING-REMOVABLE-DENTURES-ESTHETICS-AND-FUNCTIONALITY-.RJOR_.pdf
2.	GABRIELA JIMBOREA, SIMONA SZASZ, MIOARA SZATHMARY, ALPAR CSIPOR, OANA CRISTINA ARGHIR, ROXANA MARIA NEMES, PARASCHIVA POSTOLACHE, EDITH SIMONA IANOSI, Association Between Chronic Obstructive Pulmonary Disease and Sleep Apnea - Overlap Syndrome- Experience of Pulmonology Clinic Tg. Mures, Romania , Revista de chimie, 69(4), 2018. https://www.researchgate.net/profile/Gabriela_Jimborean3/publication/325412574_Association_between_chronic_obstructive_pulmonary_disease_and_sleep_apnea-overlap_syndrome-

	experience of pulmonology clinic Tg Mures Romania/links/5b1811ebaca272021ce95024/Association-between-chronic-obstructive-pulmonary-disease-and-sleep-apnea-overlap-syndrome-experience-of-pulmonology-clinic-Tg-Mures-Romania.pdf
3.	Alina Gavrilut, Boris Constantin, Gabriel Gavrilut, Maricel Agop, Approximation properties from a mathematical physical perspective. Possible correlations with the neuronal network fractality , Buletinul Institutului Politehnic Iasi, Volumul 62(66), numarul 1, 2016 https://cmmi.tuiasi.ro/wp-content/uploads/buletin/fizica/2016/16-1-1.pdf
4.	Nicoleta Stefania Motoc, Paula Martinovici, Beatrice Mahler Boca, Ioan Sorin Tudorache, Tudor Harsovescu, Florentina Ligia Furtunescu, Milena Adina Man, Carmen Monica Pop, Neutrophil-to-lymphocyte ratio (NLR) and Platelets-to-lymphocyte (PLR) Ratio in Patients with Exacerbation of Bronchiectasis , Revista de Chimie, 70(11), 2019. https://www.revistadechimie.ro/pdf/23%20MOTOC%20N%2011%2019.pdf
5.	G. Cioca, E. S. Bacaita, M. Agop, C. Lupascu Ursulescu, Anisotropy Influences on the Drug Delivery Mechanisms by Means of Joint Invariant Functions , Hindawi Computational and Mathematical Methods in Medicine, Volume 2017, Article ID 5748273, https://doi.org/10.1155/2017/5748273 https://www.hindawi.com/journals/cmmm/2017/5748273/
6.	T. Braniste, Catalina Arsenescu-Georgescu, Gh. Braniste, V. Dorgan, Testing and validation of a new method for the investigation of functional changes in human heart and skeletal muscles The Medical-Surgical Journal, Vol 122 No 3 (2018). https://www.revmedchir.ro/index.php/revmedchir/article/view/1451
7.	Doina-Clementina Cojocar, S. Ungurianu, B.M. Ciuntu, Elena Saramet, F.D. Petrariu, Paraschiva Postolache, Pulmonary arterial hypertension – a challenge for respiratory rehabilitation , The Medical-Surgical Journal Vol 122 No 2 (2018). https://www.revmedchir.ro/index.php/revmedchir/article/view/1147
8.	Gilda Georgeta Popescu, Oana Cristina Arghir, Ariadna Petronela Fildan, Victor Spanu, Simona Claudia Cambrea , Alexandru Rafila, Florin Corneliu Buicu, Antibiotic resistance of mycobacterium tuberculosis; mechanisms and specific therapeutic response , FARMACIA, Vol. 68, 2, 2020. http://www.revistafarmacia.ro/202002/2020-02-art-02-Popescu Rafila Buicu 197-205.pdf

9.	Radu Crișan Dabija, Andrei Zala, Eugen Hnatiuc, Andrei Agop, Elena Puiu, Dorin Văideanu, Ion Palamarciuc, Gabriela Jimborean, Florin Nedeff, Mihaela Viviana Ivan, Fractality influences on a free gaussian “perturbation” in the hydrodynamic version of the scale relativity theory. possible implications in the biostructures dynamics , U.P.B. Sci. Bull., Series A, Vol. 79, Iss. 4, 2017 https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez605_885412.pdf
10.	Mara Balteanu, C. Kamal, Diana KAMAL et all, Pulmonary rehabilitation in copd patients. Observational study , Vol 122 No 3 (2018): The Medical-Surgical Journal https://www.revmedchir.ro/index.php/revmedchir/article/view/1452
11.	GABRIEL CRUMPEI, ALINA GAVRILUT, TITIANA CONSTANTIN, On a new possible class of cellular neural network , Buletinul Institutului Politehnic Iasi, Volumul 62(66), numarul 1, 2016 https://cmmi.tuiasi.ro/docs/buletin/Vol.%20MMF%201%20din%202016.pdf#page=23
12.	Simona SZASZ, I.A. ARGHIR et all, Respiratory features of a systemic lupus erythematosus in a smoking patient. case report , Vol. 122 nr. 4 (2018): Jurnalul medical-chirurgical https://www.revmedchir.ro/index.php/revmedchir/article/view/1588

2. Paraschiva Postolache, **Letiția Doina Duceac**, Elena Geanina Vasincu, Maricel Agop, Roxana-Maria Nemeș: *Chaos And Self-Structuring Behaviors In Lung Airways*, U.P.B. Sci. Bull., Seria A nr.1/2016 (ISI) Factor de impact (2016)= 0,279 (coautor)
https://www.scientificbulletin.upb.ro/SeriaA_-_Matematica_si_fizica_aplicate.php?page=revistaonline&a=2&cat=Ahttp://www.scientificbulletin.upb.ro/SeriaA_-_Matematica_si_fizica_aplicate.php?page=revistaonline&a=2&cat=A&fullcontent=3149#

LUCRARE CITATĂ ÎN

1.	Paraschiva POSTOLACHE, Zoltan BORSOS, Vladimir-Alexandru PAUN, Viorel-Puiu PAUN, New way in fractal analysis of pulmonary medical images , U.P.B. Sci. Bull., Series A, Vol. 80, Iss. 1, 2018 https://www.scientificbulletin.upb.ro/rev_docs_arhiva/fullf70_444575.pdf
----	---

2.	<p>Gabriela Jimborean, Simona Szasz, Mioara Szathmary, Alpar Csipor, Oana Cristina Arghir, Roxana Maria Nemes, , Paraschiva Postolache, Edith Simona Ianosi, Association Between Chronic Obstructive Pulmonary Disease and Sleep Apnea - Overlap Syndrome- Experience of Pulmonology Clinic Tg. Mures, Romania, REV.CHIM.(Bucharest), 69, No. 4 , 2018.</p> <p>https://www.researchgate.net/profile/Gabriela_Jimborean3/publication/325412574_Association_between_chronic_obstructive_pulmonary_disease_and_sleep_apnea-overlap_syndrome-experience_of_pulmonology_clinic_Tg_Mures_Romania/links/5b1811ebaca272021ce95024/Association-between-chronic-obstructive-pulmonary-disease-and-sleep-apnea-overlap-syndrome-experience-of-pulmonology-clinic-Tg-Mures-Romania.pdf</p>
3.	<p>Mihai-Virgil NICHITA, Viorel-Puiu PAUN, FRACTAL ANALYSIS IN COMPLEX ARTERIAL NETWORK OF PULMONARY X-RAYS IMAGES, U.P.B. Sci. Bull., Series A, Vol. 80, Iss. 2, 2018.</p> <p>https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full14f_842926.pdf</p>
4.	<p>T. Braniste, Catalina Arsenescu-Georgescu, Gh. Braniste, V. Dorgan, Testing and validation of a new method for the investigation of functional changes in human heart and skeletal muscles The Medical-Surgical Journal, Vol 122 No 3 (2018).</p> <p>https://www.revmedchir.ro/index.php/revmedchir/article/view/1451</p>
5.	<p>Bejinariu, Costica; Cazac, Alin Marian; Correlations Between Severe Plastic Deformations Processes and Acoustic Propagation Phenomena by Means of Fractal Analysis. Consequences on Biological Structures Dynamics, Journal of Computational and Theoretical Nanoscience, vol. 15, issue 3, pp. 895-907, 2018.</p> <p>https://ui.adsabs.harvard.edu/abs/2018JCTN...15..895B/abstract</p>
6.	<p>Alina Gavrilut, Boris Constantin, Gabriel Gavrilut, Maricel Agop, Approximation properties from a mathematicalphysical perspective. Possible correlations with the neuronal network fractality, Buletinul Institutului Politehnic Iasi, Volumul 62(66), numarul 1, 2016</p> <p>https://cmmi.tuiasi.ro/wp-content/uploads/buletin/fizica/2016/16-1-1.pdf</p>
7.	<p>ELIZA CINTEZA, ANDA UNGUREANU, MIHAELA BALGRADEAN, ALIN NICOLESCU Beneficial Effects of Acetaminophen on the Chemical Mediators</p>



	<p>Involved in the Closure of Patent Ductus Arteriosus, REV.CHIM.(Bucharest), 69, No. 6 , 2018.</p> <p>https://www.revistadechimie.ro/pdf/51%20CINTEZA%206%2018.pdf</p>
8.	<p>G. Cioca, E. S. Bacaita, M. Agop, C. Lupascu Ursulescu, Anisotropy Influences on the Drug Delivery Mechanisms by Means of Joint Invariant Functions, Hindawi Computational and Mathematical Methods in Medicine, Volume 2017, Article ID 5748273, https://doi.org/10.1155/2017/5748273</p> <p>https://www.hindawi.com/journals/cmmd/2017/5748273/</p>
9.	<p>Doina-Clementina Cojocaru, S. Ungurianu, B.M. Ciuntu, Elena Saramet, F.D. Petrariu, Paraschiva Postolache, Pulmonary arterial hypertension – a challenge for respiratory rehabilitation, The Medical-Surgical Journal Vol 122 No 2 (2018).</p> <p>https://www.revmedchir.ro/index.php/revmedchir/article/view/1147</p>
10.	<p>Radu Crişan Dabija, Andrei Zala, Eugen Hnatiuc, Andrei Agop, Elena Puiu, Dorin Văideanu, Ion Palamarciuc, Gabriela Jimborean, Florin Nedeff, Mihaela Viviana Ivan, Fractality influences on a free gaussian “perturbation” in the hydrodynamic version of the scale relativity theory. possible implications in the biostructures dynamics, U.P.B. Sci. Bull., Series A, Vol. 79, Iss. 4, 2017</p>
11.	<p>Mara Balteanu, C. Kamal, Diana KAMAL et all, Pulmonary rehabilitation in copd patients. Observational study, Vol 122 No 3 (2018): The Medical-Surgical Journal</p> <p>https://www.revmedchir.ro/index.php/revmedchir/article/view/1452</p>
12.	<p>GABRIEL CRUMPEI, ALINA GAVRILUT, TITIANA CONSTANTIN, On a new possible class of cellular neural network, Buletinul Institutului Politehnic Iasi, Volumul 62(66), numarul 1, 2016</p> <p>https://cmmi.tuiasi.ro/docs/buletin/Vol.%20MMF%201%20din%202016.pdf#page=23</p>
13.	<p>Mihai-Virgil NICHITA ,Viorel-Puiu PĂUN, PULMONARY ARTERIAL NETWORK. A FRACTAL ANALYSIS of XRAYs IMAGES, Conference Proceedings CSPM 2018, September 27th - 30th, Ohrid, Macedonia © Society of Physicists of Macedonia All rights reserved.</p> <p>https://www.researchgate.net/profile/Viorel_Puiu_Paun/publication/330290253_PULMONARY_ARTERIAL_NETWORK_A_FRACTAL_ANALYSIS_of_X-</p>

	RAYS_IMAGES/links/5c3ef40a299bf12be3cb7654/PULMONARY-ARTERIAL-NETWORK-A-FRACTAL-ANALYSIS-of-X-RAYS-IMAGES.pdf
14.	Simona SZASZ, I.A. ARGHIR et all, Respiratory features of a systemic lupus erythematosus in a smoking patient. case report , Vol. 122 nr. 4 (2018): Jurnalul medical-chirurgical https://www.revmedchir.ro/index.php/revmedchir/article/view/1588

3. Mihai Glod, Daniela Damir, **Letiția-Doina Duceac**, Gabriela Călin, Simona Nichituș, Dragoș-Lucian Gorgan, Sorin Tasan, Mădălina Irina Ciuhodaru: *Zn O and TiO2 Nanoparticles genotoxicity according to their structural and morphological characteristics used for medical purposes*, Revista de Chimie (Bucharest) ,vol, 69, No 3, 2018, pp.609-611, (ISI) FI (2018)= 1,605 (**coautor**)
<https://www.revistadechimie.ro/pdf/16%20GLOD%203%2018.pdf>

LUCRARE CITATĂ ÎN

1.	RAUL CHIOIBAS, FLORIN BORCAN, OVIDIU MEDERLE3, DANA STOIAN3, CODRUTA MARINELA SOICA, Comparative Characterization of Different Samples Containing Nano-ZnO Particles with Applicability in Topical Therapies, MATERIALE PLASTICE, 56, No. 3, 2019. https://www.researchgate.net/profile/Dana_Stoian/publication/336880933_Comparative_Characterization_of_Different_Samples_Containing_Nano-ZnO_Particles_with_Applicability_in_Topical_Therapies/links/5db87164a6fdcc2128eb8e41/Comparative-Characterization-of-Different-Samples-Containing-Nano-ZnO-Particles-with-Applicability-in-Topical-Therapies.pdf
----	---

4. Alexandru Pătrașcu, Liliana Savin, Dan Mihăilescu, Carmen Greierosu, Victor Grigorescu, Teodor Zlate, **Letiția-Doina Duceac**, Liviu Stafie, Paul Botez: *Bipolar Hemiarthroplasty vs Total Arthroplasty of the Patients with Aseptic Necrosis of the Femoral Head. 20 year retrospective study*, Revista de Chimie (Bucharest) ,vol.69, No.1, 2018, (ISI), pp.96-100, FI (2018)=1,605 (**coautor**)
<https://revistadechimie.ro/pdf/19%20PATRASCU%20A%201%2018.pdf>

LUCRARE CITATĂ ÎN

1.	Manea, L. R.; Berteau, A. P.; Berteau, A, Progress in Electrospun Nanofibres for Air Filtration , IOP Conference Series: Materials Science and Engineering, Volume 877, Issue 1, pp. 012043 (2020) https://ui.adsabs.harvard.edu/abs/2020MS%26E..877a2043M/abstract
2.	M S Bălăţu, P Vizureanu et all., Electrochemical Behaviour of Ti-Mo Alloys for Medical Application in Biological Solution , IOP Conference Series: Materials Science and Engineering, Volume 877, International Conference on Innovative Research - ICIR EUROINVENT 2020 21-23 May 2020, Iasi, Romania https://iopscience.iop.org/article/10.1088/1757-899X/877/1/012031/meta

5. Alexandru Pătraşcu, Liliana Savin, Dan Mihăilescu, Carmen Greierosu, Victor Grigorescu, Teodor Zlate, **Letiția-Doina Duceac**, Liviu Stafie, Paul Botez: *The Importance of Modified Budin Incidence in the Radiological Diagnosis in Patients with Aseptic Necrosis of the Femoral Head*, Revista de Chimie (Bucharest), vol. 69, No.2, 2018, (ISI), pp. 488-494 FI (2018)=1,605 (coautor).

<https://revistadechimie.ro/pdf/19%20PATRASCU%20A%201%2018.pdf>

LUCRARE CITATĂ ÎN

1.	RAZVAN TURCU, MARIUS MOGA, ADRIAN BARBILIAN, Aspects of Cementation in Shoulder Hemiarthroplasty after Complex Fracture of the Proximal Humerus, REV.CHIM.(Bucharest), 69, No. 9, 2018 https://www.researchgate.net/profile/Razvan_Turcu/publication/328077764_Aspects_of_Cementation_in_Shoulder_Hemiarthroplasty_after_Complex_Fracture_of_the_Proximal_Humerus/links/5dc52331299bf1a47b201c4f/Aspects-of-Cementation-in-Shoulder-Hemiarthroplasty-after-Complex-Fracture-of-the-Proximal-Humerus.pdf
----	---

B). (ISI) Factor cumulat de impact autor principal (FCiAP) – 10/criteriu îndeplinit

FCiAP=22,97

1,232 x 1 (art.2) = 1,232

1,393 x 2 (art 9, 10) = 2,786

1,412 x 3 (art 3,5,6) =4,236

1,517 x 2 (art 14,15) = 3,034

1,605 x 1 (art 8) = 1,605

3,057 x 1 (art 22) = 3,057

Gradul de îndeplinire a standardelor minimale conform MENCS nr. 6129/20.12.2016

Profesor universitar / CSI/Abilitare

Categorie	Criteriu	Grad de îndeplinire
Nr. articole ISI Autor principal	10	14 (primul autor-8; autor corespondent-5; ultimul autor-1)
Nr. articole ISI Coautor	5	5
Index Hirsh Web of Science	6	6
(ISI) Factor cumulat de impact autor principal (FCiAP)	10	22,97

29.01.2021

Conf. Univ. Dr. LETIȚIA DOINA DUCEAC



