

FIȘA DE VERIFICARE

a îndeplinirii standardelor minime pentru participarea la concursul de ocupare a postului de PROFESOR UNIVERSITAR/CS I în cadrul U.M.F. "Carol Davila" din București

Facultatea de Medicină, Facultatea de Stomatologie (conform încadrării disciplinei din Anexa I.B), Facultatea de Farmacie și Facultatea de Moașe și Asistență Medicală

I. Date despre candidat

Nume: BÎLTEANU

Prenume: LIVIU

II. Date numerice privind îndeplinirea standardelor minime necesare și obligatorii prevăzute în Ordinul Ministrului Educației Naționale și Cercetării Științifice nr. 6129/20.12.2016

1. Articole publicate în reviste cotate ISI Web of Science Clarivate, în calitate de autor principal

Criteriul	Standard minim	Realizat
Număr articole ISI <i>in extenso</i> în reviste cotate ISI Web of Science Clarivate, în calitate de autor principal	10	11

Lista articolelor ISI publicate în calitate de autor principal: autori, titlu articol, revistă, an, volum, pagini, factor de impact, pentru realizarea standardelor minimale.

Nr. Crt.	Autori	Tip autor prim, contribuție egală, ultim, corespondent și link către revistă sau către documentul scanat în care este menționată explicit contribuția egală sau statutul de autor corespondent	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
AP-1	Anghel, Rodica, <u>Liviu Bîlteanu</u> , Antonia- Ruxandra Folea, Șerban- Andrei Marinescu, Aurelia- Magdalena Pisoschi, Mihai-Florin Alexandrescu, Andreea- Ionela Dumachi, Laurentia- Nicoleta Galeș, Oana Gabriela Trifănescu, and Anca- Florina Zgură	Prim autor cu contribuții egale, autor corespondent https://doi.org/10.3390/cancers17071128	Assessing the Impact of Nutritional Status on the Quality of Life in Head and Neck Cancer Patients—The Need for Comprehensive Digital Tools	Cancers	2025	7	35	4.5
AP-2	Marinescu, Șerban	Correspondent https://doi.org/10.3390/cancers16173032	Predictors of Clinical Hematological	Cancers	2024	16(17)	3032	4.5

	Andrei, Radu-Valeriu Toma, Oana Gabriela Trifănescu, Laurenția Nicoleta Galeș, Antonia Ruxandra Folea, Adrian Sima, Liviu Bîlteanu , and Rodica Anghel		Toxicities under Radiotherapy in Patients with Cervical Cancer—A Risk Analysis					
AP-3	Stanca, Loredana, Liviu Bîlteanu , Oana Crina Bujor, Violeta Alexandra Ion, Andrei Cătălin Petre, Liliana Bădulescu, Ovidiu Ionut Geicu, Aurelia Magdalena Pisoschi, Andreea Iren Serban, and Oana- Mărgărita Ghimpeteanu	Prim autor contribuție egala, https://doi.org/10.3390/foods13162552	Development of Functional Foods: A Comparative Study on the Polyphenols and Anthocyanins Content in Chokeberry and Blueberry Pomace Extracts and Their Antitumor Properties	Foods	2024	13(16)	2552	4.7

AP-4	Iliesiu, Andreea, Radu-Valeriu Toma, Ana Maria Ciongariu, Radu Costea, Narcis Zarnescu, and Liviu Bîlteanu .	Ultim autor, corespondent https://doi.org/10.3892/ol.2023.14029	A Pancreatic Adenocarcinoma Mimicking Hepatoid Carcinoma of Uncertain Histogenesis: A Case Report and Literature Review	Oncology Letters	2023	26(4)	1–15	2.9
AP-5	Toma, Radu Valeriu, Zgura Anca, Oana Gabriela Trifănescu, Laurenția Nicoleta Galeș, Antonia Ruxandra Folea, Loredana Stanca, Liviu Bîlteanu , and Rodica M. Anghel.	Correspondent, https://doi.org/10.12659/MSM.941754	Early Echocardiography and ECG Changes Following Radiotherapy in Patients with Stage II–III HER2-Positive Breast Cancer Treated with Anthracycline-Based Chemotherapy with or without Trastuzumab-Based Therapy	Medical Science Monitor : International Medical Journal of Experimental and Clinical Research	2023	29	e941754-1-e941754-32	3.1
AP-6	Geicu, Ovidiu Ionut, Liviu Bîlteanu , Loredana Stanca, Adriana Ionescu Petcu, Florin Iordache,	Prim autor Contribuții egale https://doi.org/10.3390/foods12010110	Composition-Based Risk Estimation of Mycotoxins in Dry Dog Foods	Foods	2023	12(1)	110	5.2

	Aurelia Magdalena Pisoschi, and Andreea Iren Serban.							
AP-7	Constantin, Nicolae Tiberiu, Cezar Mihai Bercea-Strugariu, Dragoş Birtoiu, Florin Petrişor Posastiuc, Florin Iordache, <u>Liviu Bilteanu</u> , and Andreea Iren Serban	Correspondent https://doi.org/10.3390/ani13101579	Predicting Pregnancy Outcome in Dairy Cows: The Role of IGF-1 and Progesterone	Animals	2023	13(10)	1579	3.0
AP-8	Ionescu, Adriana, <u>Liviu Bilteanu</u> , Ovidiu Ionut Geicu, Florin Iordache, Loredana Stanca, Aurelia Magdalena Pisoschi, Adrian Miron, Andreea Iren	Prim autor - Contribuții egale, https://doi.org/10.3390/cancers14112792	Multivariate Risk Analysis of RAS, BRAF and EGFR Mutations Allelic Frequency and Coexistence as Colorectal Cancer Predictive Biomarkers	Cancers	2022	14(11)	2792	6.575

	Serban, and Valentin Calu							
AP-9	Calu, Valentin, Adriana Ionescu, Loredana Stanca, Ovidiu Ionut Geicu, Florin Iordache, Aurelia Magdalena Pisoschi, Andreea Iren Serban, and Liviu Bilteanu	Ultim autor, https://doi.org/10.1038/s41598-021-86941-5	Key Biomarkers within the Colorectal Cancer Related Inflammatory Microenvironment	Scientific Reports	2021	11(1)	7940	4.997
AP-10	Bilteanu , Liviu, Ovidiu I. Geicu, Loredana Stanca, Aurelia M. Pisoschi, Florea Serban, Andreea I. Serban, and Valentin Calu	Prim autor, https://doi.org/10.3390/biom11020215	Human Eye Optics within a Non-Euclidian Geometrical Approach and Some Implications in Vision Prosthetics Design	Biomolecules	2021	11(2)	215	4.879
AP-11	Bilteanu , Liviu, Clement Dutreix, Anu Jagannathan, and Cristina Bena.	Prim autor, https://doi.org/10.1140/epjb/e2013-30488-6	Interplay between Edge States and Simple Bulk Defects in Graphene Nanoribbons	European Physical Journal B	2013	86(5)	2013	1.282

Criteriu îndeplinit:

☒ DA ☐ NU

2. Articole publicate în reviste cotate ISI Web of Science Clarivate, în calitate de coautor

Criteriul	Standard minim	Realizat
Număr articole publicate în reviste cotate ISI Web of Science Clarivate, în calitate de coautor	5	17

Lista articolelor ISI publicate în calitate de coautor: autori, titlu articol, revistă, an, volum, pagini, factor de impact, pentru realizarea standardelor minime.

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
CA-1	Laura-Florentina Rebegea, Dorel Firescu, Oana-Gabriela Trifanescu, Roxana-Andreea Rahnea-Nita,	Our Experience and Literature Update Regarding Concomitant Radiotherapy with CDK4/6 Inhibitors and Hormonal Therapy in Metastatic Breast Cancer	Journal of Mind and Medical Sciences	2025	12(1)	13	1.6

	Liviu Bilteanu, Mihaela Dumitru, Florentina, Lacatus, Gabriela Rahnea – Nita.						
CA-2	Iordache, Florin, Adriana (Ionescu) Petcu, Aurelia Magdalena Pisoschi, Loredana Stanca, Ovidiu Ionut Geicu, Liviu Bilteanu, Carmen Curuțiu, Bogdan Amuzescu, and	PCR Array Profiling of miRNA Expression Involved in the Differentiation of Amniotic Fluid Stem Cells toward Endothelial and Smooth Muscle Progenitor Cells	International Journal of Molecular Sciences	2024	25	302	4.9

	Andreea Iren Serban						
CA-3	Magdalena Pisoschi, Aurelia, Florin Iordache, Loredana Stanca, Adriana Ionescu Petcu, Letitia Purdoiu, Ovidiu Ionut Geicu, Liviu Bilteanu , and Andreea Iren Serban	Comprehensive Overview and Critical Perspective on the Analytical Techniques Applied to Aflatoxin Determination – A Review Paper	Microchemical Journal	2023	191	108770	4.8
CA-4	Trifanescu, Oana Gabriela, Laurentia Nicoleta Gales, Mihai Andrei Paun, Natalia Motas, Serban Andrei	Long-Term Outcome of Patients with Stage II and III Muscle-Invasive Urothelial Bladder Cancer after Multimodality Approach. Which Is the Best Option?	Medicina	2023	59	50	2.6

	Marinescu, Ion Virtosu, Raluca Alexandra Trifanescu, Mirela Gherghe, Liviu Bîlteanu , Camelia Cristina Diaconu and Rodica Maricela Anghel						
CA-5	Trifănescu, Oana Gabriela, Dan Mitrea, Laurenția Nicoleta Galeș, Ana Ciornei, Mihai-Andrei Păun, Ioana Butnariu, Raluca Alexandra	Therapies beyond Physiological Barriers and Drug Resistance: A Pilot Study and Review of the Literature Investigating If Intrathecal Trastuzumab and New Treatment Options Can Improve Oncologic Outcomes in Leptomeningeal Metastases from HER2-Positive Breast Cancer	Cancers	2023	15	2508	5.2

	Trifănescu, Natalia Motaș, Radu Valeriu Toma, Liviu Bîlteanu , Mirela Gherghe and Rodica Maricela Anghel						
CA-6	Lucaciu, Constantin Mihai, Stefan Nitica, Ionel Fizesan, Lorena Filip, Liviu Bîlteanu , and Cristian Iacovita	Enhanced Magnetic Hyperthermia Performance of Zinc Ferrite Nanoparticles under a Parallel and a Transverse Bias DC Magnetic Field	Nanomaterials	2022	12	3578	5.3
CA-7	Pisoschi, Aurelia Magdalena, Florin	Antioxidant, Anti-Inflammatory, and Immunomodulatory Roles of Nonvitamin Antioxidants in Anti- SARS-CoV-2 Therapy	Journal of Medicinal Chemistry	2022	65	12562– 93	8.039

	Iordache, Loredana Stanca, Iuliana Gajaila, Oana Margarita Ghimpeteanu, Ovidiu Ionut Geicu, Liviu Bilteanu , and Andreea Iren Serban						
CA-8	Popescu, Simona Daniela, Andreea Gratiana Boiangiu, Romina- Marina Sima, Liviu Bilteanu , Simona Vladareanu,	Maternal HPV Infection and the Estimated Risks for Adverse Pregnancy Outcomes—A Systematic Review	Diagnostics	2022	12	1471	3.6

	and Radu Vladareanu						
CA-9	Pisoschi, Aurelia Magdalena, Aneta Pop, Florin Iordache, Loredana Stanca, Ovidiu Ionut Geicu, Liviu Bilteanu , and Andreea Iren Serban	Antioxidant, Anti-Inflammatory and Immunomodulatory Roles of Vitamins in COVID-19 Therapy	European Journal of Medicinal Chemistry	2022	232	114175	7.088
CA-10	Pisoschi, Aurelia Magdalena, Aneta Pop, Florin Iordache, Loredana Stanca, Liviu Bilteanu , and	Antioxidant Determination with the Use of Carbon-Based Electrodes	Chemosensors	2021	9	72	3.398

	Andreea Iren Serban						
CA-11	Geicu, Ovidiu I., Loredana Stanca, Sorina N. Voicu, Anca Dinischiotu, Liviu Bilteanu , Andreea I. Serban, and Valentin Calu	Dietary AGEs Involvement in Colonic Inflammation and Cancer: Insights from an in Vitro Enterocyte Model	Scientific Reports	2020	10	2754	4.38
CA-12	Opris, Ioan, Valeriu S. Nestianu, Adrian Nestianu, Liviu Bilteanu , and Jean Ciurea	George Marinesco in the Constellation of Modern Neuroscience	Frontiers in Neuroscience	2017	11		3.356
CA-13	Dutreix, Clément, <u>Liviu Bilteanu</u> , Anu Jagannathan,	Friedel Oscillations at the Dirac Cone Merging Point in Anisotropic Graphene and Graphenelike Materials	Physical Review B	2013	87	245413	3.7

	and Cristina Bena						
CA-14	Rieutord, F., F. Mazen, S. Reboh, J. D. Penot, L. Bilteanu , J. P. Crocombette, V. Vales, V. Holy, and L. Capello	Lattice Strain of Hydrogen-Implanted Silicon: Correlation between X-Ray Scattering Analysis and Ab-Initio Simulations	Journal of Applied Physics	2013	113	153511	2.21
CA-15	Craus, ML, C. Neculiță, L. Bilteanu , and M. Lozovan	Influence of the Microstructure on Extrinsic Magnetoresistance in Sr ₂ Fe _{0.9} Gd _{0.1} Mo _{1-x} W _x O ₆ Double Perovskites	Journal of Optoelectronics and Advanced Materials	2006	8	1723–26	1.138
CA-16	Craus, M. L., <u>L. Bilteanu</u> , C. Neculiță, and M. Lozovan	Crystalline Structure, Transport and Magnetic Properties of Sr ₂ FexNi _{1-x} MoO ₆ Compounds	Journal of Optoelectronics and Advanced Materials	2006	8	1720–22	1.138

Criteriu îndeplinit:

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□ NU

3. Factorul cumulat de impact pentru articolele publicate ca autor principal în reviste cotate ISI (FCIAP)

Criteriul	Standard minim	Realizat (suma factorilor de impact ai articolelor publicate de autor în calitate de autor principal în reviste cotate ISI Web of Science Clarivate)
(ISI) Factor cumulat de impact autor principal	10	45.633

Lucrările care sunt luate în considerare pentru calculul sumei factorului cumulat de impact pentru articolele publicate ca autor principal în reviste cotate ISI

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
L-1	Anghel, Rodica, <u>Liviu Bîlteanu</u> , Antonia-Ruxandra Folea, Șerban-Andrei Marinescu, Aurelia-Magdalena Pisoschi, Mihai-Florin Alexandrescu, Andreea-Ionela Dumachi, Laurentia-Nicoleta Galeș, Oana Gabriela Trifănescu, and	Assessing the Impact of Nutritional Status on the Quality of Life in Head and Neck Cancer Patients—The Need for Comprehensive Digital Tools	Cancers	2025	7	35	4.5

	Anca-Florina Zgură						
L-2	Marinescu, Șerban Andrei, Radu-Valeriu Toma, Oana Gabriela Trifănescu, Laurenția Nicoleta Galeș, Antonia Ruxandra Folea, Adrian Sima, Liviu <u>Bilteanu</u> , and Rodica Anghel	Predictors of Clinical Hematological Toxicities under Radiotherapy in Patients with Cervical Cancer—A Risk Analysis	Cancers	2024	16(17)	3032	4.5
L-3	Stanca, Loredana, <u>Liviu Bilteanu</u> , Oana Crina Bujor, Violeta Alexandra Ion, Andrei Cătălin Petre, Liliana Bădulescu, Ovidiu Ionut Geicu, Aurelia Magdalena Pisoschi, Andreea Iren Serban, and Oana-Mărgărita Ghimpeteanu	Development of Functional Foods: A Comparative Study on the Polyphenols and Anthocyanins Content in Chokeberry and Blueberry Pomace Extracts and Their Antitumor Properties	Foods	2024	13(16)	2552	4.7

L-4	Iliesiu, Andreea, Radu-Valeriu Toma, Ana Maria Ciongariu, Radu Costea, Narcis Zarnescu, and Liviu Bîlteanu .	A Pancreatic Adenocarcinoma Mimicking Hepatoid Carcinoma of Uncertain Histogenesis: A Case Report and Literature Review	Oncology Letters	2023	26(4)	1–15	2.9
L-5	Toma, Radu Valeriu, Zgura Anca, Oana Gabriela Trifănescu, Laurenția Nicoleta Galeș, Antonia Ruxandra Folea, Loredana Stanca, Liviu Bîlteanu , and Rodica M. Anghel.	Early Echocardiography and ECG Changes Following Radiotherapy in Patients with Stage II–III HER2-Positive Breast Cancer Treated with Anthracycline-Based Chemotherapy with or without Trastuzumab-Based Therapy	Medical Science Monitor : International Medical Journal of Experimental and Clinical Research	2023	29	e941754-1-e941754-32	3.1
L-6	Geicu, Ovidiu Ionut, Liviu Bîlteanu , Loredana Stanca, Adriana Ionescu Petcu, Florin Iordache, Aurelia Magdalena Pisoschi, and Andreea Iren Serban.	Composition-Based Risk Estimation of Mycotoxins in Dry Dog Foods	Foods	2023	12(1)	110	5.2
L-7	Constantin, Nicolae Tiberiu, Cezar Mihai	Predicting Pregnancy Outcome in Dairy Cows: The Role of IGF-1 and Progesterone	Animals	2023	13(10)	1579	3.0

	Bercea-Strugariu, Dragoș Bîrțoiu, Florin Petrișor Posastiuc, Florin Iordache, <u>Liviu Bilteanu</u> , and Andreea Iren Serban						
L-8	Ionescu, Adriana, <u>Liviu Bilteanu</u> , Ovidiu Ionut Geicu, Florin Iordache, Loredana Stanca, Aurelia Magdalena Pisoschi, Adrian Miron, Andreea Iren Serban, and Valentin Calu	Multivariate Risk Analysis of RAS, BRAF and EGFR Mutations Allelic Frequency and Coexistence as Colorectal Cancer Predictive Biomarkers	Cancers	2022	14(11)	2792	6.575
L-9	Calu, Valentin, Adriana Ionescu, Loredana Stanca, Ovidiu Ionut Geicu, Florin Iordache, Aurelia Magdalena Pisoschi, Andreea Iren Serban, and <u>Liviu Bilteanu</u>	Key Biomarkers within the Colorectal Cancer Related Inflammatory Microenvironment	Scientific Reports	2021	11(1)	7940	4.997
L-10	<u>Bilteanu</u> , Liviu, Ovidiu I. Geicu,	Human Eye Optics within a Non-Euclidian Geometrical Approach and	Biomolecules	2021	11(2)	215	4.879

	Loredana Stanca, Aurelia M. Pisoschi, Florea Serban, Andreea I. Serban, and Valentin Calu	Some Implications in Vision Prosthetics Design					
L-11	Bilteanu, Liviu, Clement Dutreix, Anu Jagannathan, and Cristina Bena	Interplay between Edge States and Simple Bulk Defects in Graphene Nanoribbons	European Physical Journal B	2013	86(5)	2013	1.282

Criteriu îndeplinit:

☒ DA ☐ NU

4. Indexul Hirsch

Criteriul	Standard minim	Realizat
Index Hirsch	6	10

Lucrările care sunt luate în considerare pentru calculul indexului Hirsch (conform Web of Science – Core Collection):

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Numărul de citări
L1	Pisoschi, Aurelia Magdalena; Pop, Aneta; Iordache, Florin; Stanca, Loredana; Geicu, Ovidiu Ionut; Bilteanu, Liviu; Serban, Andreea Iren	Antioxidant, anti-inflammatory and immunomodulatory roles of vitamins in COVID-19 therapy	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2022	232	114175	61
L2	Pisoschi, Aurelia Magdalena; Iordache, Florin; Stanca, Loredana; Petcu, Adriana Ionescu; Purdoi, Letitia; Geicu, Ovidiu	Comprehensive overview and critical perspective on the analytical techniques	MICROCHEMICAL JOURNAL	2023	191	108770	26

	Ionut; Bilteanu, Liviu; Serban, Andreea Iren	applied to aflatoxin determination-A review paper					
L3	Calu, Valentin; Ionescu, Adriana; Stanca, Loredana; Geicu, Ovidiu Ionut; Iordache, Florin; Pisoschi, Aurelia Magdalena; Serban, Andreea Iren; Bilteanu, Liviu	Key biomarkers within the colorectal cancer related inflammatory microenvironment	SCIENTIFIC REPORTS	2021	11(1)	7940	24
L4	Geicu, Ovidiu I.; Stanca, Loredana; Voicu, Sorina N.; Dinischiotu, Anca; Bilteanu, Liviu; Serban, Andreea I.; Calu, Valentin	Dietary AGEs involvement in colonic inflammation and cancer: insights from an <i>in vitro</i> enterocyte model	SCIENTIFIC REPORTS	2020	10(1)	2754	20
L5	Dutreix, Clement; Bilteanu, Liviu; Jagannathan, Anu; Bena, Cristina	Friedel oscillations at the Dirac cone merging point in anisotropic graphene and graphenelike materials	PHYSICAL REVIEW B	2013	87(24)	245413	19
L6	Rieutord, F.; Mazen, F.; Reboh, S.; Penot, J. D.; Bilteanu, L.; Crocombette, J. P.; Vales, V.; Holy, V.; Capello, L.	Lattice strain of hydrogen-implanted silicon: Correlation between X-ray scattering analysis and <i>ab-initio</i> simulations	JOURNAL OF APPLIED PHYSICS	2013	113(15)	153511	16
L7	Pisoschi, Aurelia Magdalena; Iordache, Florin; Stanca, Loredana; Gajaila, Iuliana; Ghimpeteanu, Oana Margarita; Geicu, Ovidiu Ionut; Bilteanu, Liviu; Serban, Andreea Iren	Antioxidant, Anti-inflammatory, and Immunomodulatory Roles of Nonvitamin Antioxidants in Anti-SARS-CoV-2 Therapy	JOURNAL OF MEDICINAL CHEMISTRY	2022	65(19)	12562-12593	14
L8	Pisoschi, Aurelia Magdalena; Pop, Aneta; Iordache, Florin; Stanca, Loredana; Bilteanu, Liviu; Serban, Andreea Iren	Antioxidant Determination with the Use of Carbon-Based Electrodes	CHEMOSENSORS	2021	9(4)	72	12
L9	Lucaciu, Constantin Mihai; Nitica, Stefan; Fizesan, Ionel; Filip, Lorena; Bilteanu, Liviu; Iacovita, Cristian	Enhanced Magnetic Hyperthermia Performance of Zinc Ferrite Nanoparticles under a Parallel and a Transverse Bias DC Magnetic Field	NANOMATERIALS	2022	12(20)	3578	11

L10	Pisoschi, Aurelia Magdalena; Iordache, Florin; Stanca, Loredana; Cimpeanu, Carmen; Furnaris, Florin; Geicu, Ovidiu Ionut; Bilteanu, Liviu; Serban, Andreea Iren	Comprehensive and critical view on the anti-inflammatory and immunomodulatory role of natural phenolic antioxidants	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2024	265	116075	14
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Criteriu îndeplinit:

☒ **DA** ☐ **NU**

Confirm prin prezenta că datele menționate mai sus sunt reale și se referă la propria mea activitate profesională și științifică

Data

Semnătura candidatului
