

FIȘA DE VERIFICARE

a îndeplinirii standardelor minimale pentru participarea la concursul de ocupare a postului didactic de PROFESOR UNIVERSITAR în cadrul U.M.F. "Carol Davila" din București

Facultatea de Medicină, Facultatea de Farmacie și Facultatea de Moașe și Asistență Medicală

I. Date despre candidat

Nume: Scafa-Udriste

Prenume: Alexandru

II. Date numerice privind îndeplinirea standardelor minimale 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	21

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

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	Nicoleta-Monica Popa-Fotea, Alexandru Scafa-Udriste, Grigore Iulia, Alina Ioana Scarlatescu, Nicoleta Oprescu, Cosmin Mihai, Miruna Mihaela Micheu	Corespondent https://www.tandfonline.com/doi/abs/10.1080/03007995.2022.2122673	Increasing clinical impact and microbiological difficulties in diagnosing coagulase-negative staphylococci in infective endocarditis—a review starting from a series of cases	Current Medical Research and Opinion	2022	38	7	2.705
AP-2	Vlad Ploscaru, Nicoleta-Monica Popa-Fotea, Lucian Calmac, Lucian Mihai Itu, Cosmin Mihai, Vlad Bataila, Bogdan Dragoescu, Andrei Puiu, Cosmin Cojocaru, Minoiu Aurelian Costin, Alexandru Scafa-Udriste	Ultim https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0274296	Artificial intelligence and cloud based platform for fully automated PCI guidance from coronary angiography-study protocol	PLoS ONE	2022	17(9): e0274296	12	3.752
AP-3	Cosmin-Andrei Hatfaludi, Irina-Andra Tache, Costin Florian Ciușdel, Andrei Puiu, Diana Stoian, Lucian Mihai Itu, Lucian	Ultim https://www.mdpi.com/2076-3417/12/14/6964	Towards a Deep-Learning Approach for Prediction of Fractional Flow Reserve from Optical Coherence Tomography	<i>Applied Sciences</i>	2022	12	24	2.838

	Calmac, Nicoleta-Monica Popa-Fotea, Vlad Bataila, Alexandru Scafa-Udriste							
AP-4	Andreea Bianca Popescu, Ioana Antonia Taca, Anamaria Vizitiu, Cosmin Ioan Nita, Constantin Suciu, Lucian Mihai Itu, Alexandru Scafa-Udriste	Ultim https://www.mdpi.com/2076-3417/12/8/3997	Obfuscation Algorithm for Privacy-Preserving Deep Learning-Based Medical Image Analysis	<i>Applied Sciences</i>	2022	12(8)	27	2.838
AP-5	Horațiu Moldovan, Iulian Antoniac, Daniela Gheorghiiță, Maria Sabina Safta, Silvia Preda, Marian Broască, Elisabeta Badilă, Oana Fronea, Alexandru Scafa-Udriste, Mihai Cacoveanu, Adrian Molnar, Victor Sebastian Costache, Ondin Zaharia	Contributie egala https://www.mdpi.com/2073-4360/14/6/1189	Biomaterials as Haemostatic Agents in Cardiovascular Surgery: Review of Current Situation and Future Trends	<i>Polymers</i>	2022	14(6)	17	4.967
AP-6	Alexandru Scafa-Udriste, Nicoleta-Monica Popa-Fotea, Lucian Calmac, Sebastian Onciul, Vlad Bataila, Cosmin Mihai, Vlad Ploscaru, Valentina Uscatescu, Georgiana Gherghe, Iulia Grigore, Maria Dorobanțu, Miruna Mihaela Micheu	Prim https://onlinelibrary.wiley.com/doi/10.1111/hae.14527	Anti-platelet treatment challenges in Glanzmann thrombasthenia-clinical practice when data lacks	Haemophilia	2022	28(4):e98-e100	3	4.268
AP-7	Cosmin Tirdea, Sorin Hostiuc, Horatiu Moldovan, Alexandru Scafa-Udriste	Ultim https://www.mdpi.com/1422-0067/23/23/15008	Identification of Risk Genes Associated with Myocardial Infarction—Big Data Analysis and Literature Review	<i>Int. J. Mol. Sci</i>	2022	23(23)	10	6.208

AP-8	Nicoleta-Monica Popa-Fotea, Lucian Calmac, Miruna-Mihaela Micheu, Mihai Cosmin, Alina Scarlatescu, Diana Zamfir, Lucian Mihai Itu, Irina Andra Tache, Diana Stoian, Cosmin-Andrei Hatfaludi, Fredrik Eikeland Fossan, Leif Rune Hellevik, Emma Weiss, Alexandru Scafa-Udriste	Ultim https://journals.viamedica.pl/kardiologia_polska/article/view/KP.a2022.0076/66999	A cloud-based platform for clinical decision support in acute coronary syndrome patients: Study methodology	Kardiologia Polska (Polish Heart Journal)	2022	Vol. 80 No 5	4	3.710
AP-9	Elisabeta Bădilă, Cristina Japie, Emma Weiss, Ana-Maria Balahura, Daniela Bartoș, Alexandru Scafa Udriște	Ultim https://www.mdpi.com/1999-4923/13/5/714	The Road to Better Management in Resistant Hypertension—Diagnostic and Therapeutic Insights	<i>Pharmaceutics</i>	2021	13(5)	17	6.525
AP-10	Alexandru Scafa Udriste , Adelina-Gabriela Niculescu, Alexandru Mihai Grumezescu Elisabeta Bădilă	Prim https://europepmc.org/article/pmc/pmc8151529	Cardiovascular Stents: A Review of Past, Current, and Emerging Devices	Materials	2021	14	22	3.748
AP-11	Elisabeta Bădilă, Iulia Ioana Lungu, Alexandru Mihai Grumezescu, Alexandru Scafa Udriște	Ultim https://www.mdpi.com/1648-9144/57/5/488	Diagnosis of Cardiac Abnormalities in Muscular Dystrophies;	<i>Medicina</i>	2021	57(5)	17	2.948
AP-12	Alexandru Scafa Udriste, Giorgica Lupu, Daniel Popescu, Gabriela Popescu	Prim http://www.rjlm.ro/system/revista/26/91-94.pdf	Pathological and forensic implications of coronary dominance in patients with inferior ST-elevated myocardial infarction	Rom J Leg Med.	2013	21	4	0.152

AP-13	Alexandru Scafa Udriște, Adelina-Gabriela Niculescu, Luminița Iliuță, Teodor Bajeu, Adriana Georgescu, Alexandru Mihai Grumezescu, Elisabeta Bădilă.	Prim https://doi.org/10.3390/polym15051177 .	Progress in Biomaterials for Cardiac Tissue Engineering and Regeneration	Polymers	2023	15	16	4,967
AP-14	Nicoleta-Monica Popa-Fotea, Iulia-Adelina Grigore, Lucian Calmac, Cosmin Mihai, Vlad Bataila, Vlad Ploscaru, Bogdan Dragoescu, Horatiu Moldovan, Stefan-Sebastian Busnatu, Eugenia Panaitescu, Luminita Iliuță, Alexandru Scafa-Udriște	Ultim https://doi.org/10.3390/jcm12041467	The Profile and All-Cause InHospital Mortality Dynamics of ST Segment Elevation Myocardial Infarction Patients during the Two Years of the COVID-19 Pandemic	J. Clin. Med.	2023	12	15	4.964
AP-15	Alexandru Scafa-Udriste, Mircea-Ioan Popa, Gabriela-Loredana Popa	Prim https://doi.org/10.3390/microbiolres15010009	Updates on Staphylococcal Vaccines, 2024,	Microbiol. Res.	2024	15	11	1,5
AP-16	Irina-Andra Tache, Cosmin-Andrei Hatfaludi, Andrei Puiu, Lucian Mihai Itu, Nicoleta-Monica Popa-Fotea, Lucian Calmac, Alexandru Scafa-Udriste,	Ultim https://doi.org/10.1186/s12938-023-01192-x	Assessment of the functional severity of coronary lesions from optical coherence tomography based on ensembled learning	BioMedical Engineering OnLine	2023	22		3,903
AP-17	Nicoleta-Monica Popa-Fotea, Nicoleta Oprescu, Alexandru Scafa-Udriste, Miruna Micheu	Correspondent https://doi.org/10.3390/ijms242417244	Impact of rs1805127 and rs55742440 Variants on Atrial Remodeling in Hypertrophic Cardiomyopathy Patients with Atrial Fibrillation	A Romanian Cohort Study, Int. J. Mol. Sci	2023	24	15	5,6
AP-18	Alexandru Scafa Udriște, Alexandra Cristina Burdușel, Adelina-Gabriela Niculescu, Marius Rădulescu, Alexandru Mihai Grumezescu	Prim https://doi.org/10.3390/ijms25021001	Metal-Based Nanoparticles for Cardiovascular Diseases	Int. J. Mol. Sci.	2024	25(2)	16	5,6

AP-19	Alexandru Scafa Udriște, Alexandra Cristina Burdușel, Adelina-Gabriela Niculescu, Marius Rădulescu, Alexandru Mihai Grumezescu	Prim https://doi.org/10.3390/ijms25021078	Coatings for Cardiovascular Stents—An Up-to-Date Review	Int. J. Mol. Sci.	2024	25(2)	17	5,6
AP-20	Alexandru Scafa-Udriste, Ruxandra-Nicoleta Horodinschi, Miruna Babos, Bogdan Dinu	Prim https://intjem.biomedcentral.com/articles/10.1186/s12245-024-00595-4	Diagnostic challenges between takotsubo cardiomyopathy and acute myocardial infarction—where is the emergency?: a literature review	International Journal of Emergency Medicine	2024	1	13	3,2
AP-21	Ioan-Teodor Bajeu, Adelina-Gabriela Niculescu, Alexandru Scafa-Udriște, Ecaterina Andronescu	Correspondent https://doi.org/10.3390/ijms25031715	Intrastent Restenosis: A Comprehensive Review	Int. J. Mol. Sci.	2024	25(2)	17	5,6

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	21

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

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
CA-1	Luminita Iliuta, Andreea Gabriella Andronesi, Eugenia Panaitescu, Madalina Elena Rac-Albu, Alexandru Scafa-Udriște, Horațiu Moldovan	Challenges for Management of Dilated Cardiomyopathy during COVID-19 Pandemic-A Telemedicine Application	<i>J. Clin. Med</i>	2022	11(24)	15	4.964
CA-2	Ștefan-Sebastian Busnatu , Octavian Andronic , Maria-Alexandra Pană, Anca Pantea Stoian , Alexandru Scafa-Udriște, Nicolae Păun, Silviu Stanciu	Oral Arginine Supplementation in Healthy Individuals Performing Regular Resistance Trening	<i>Healthcare</i>	2023	11(2)	10	3.160
CA-3	Mircea Bajdechi, Alexandru Scafa-Udriste, Vlad Ploscaru, Lucian Calmac, Teodor Bajeu, Adriana Gurghean, Sorin Rugina	Porcelain Aorta in a Young Person Living with HIV Who Presented with Angina	<i>Diagnostics</i>	2022	12(12)	9	3.992
CA-4	Ștefan Sebastian Busnatu, Adelina-Gabriela Niculescu, Alexandra Bolocan, Octavian Andronic, Anca Mihaela Pantea Stoian, Alexandru Scafa-Udriște, Ana Maria	A Review of Digital Health and Biotelemetry: Modern Approaches towards Personalized Medicine and Remote Health Assessment	<i>J. Pers. Med</i>	2022	12(10)	17	3.508

	Alexandra Stănescu, Dan Nicolae Păduraru, Mihnea Ioan Nicolescu, Alexandru Mihai Grumezescu, Viorel Jinga						
CA-5	Laura-Adina Stănciulescu, Alexandru Scafa, Cătălin Duduiianu, Raluca Stan, Alina Nicolescu, Calin Deleanu, Maria Dorobanțu	Lipoprofiling Assessed by NMR Spectroscopy in Patients with Acute Coronary Syndromes: Is There a Need for Fasting Prior to Sampling?	<i>Diagnostics</i>	2022	12(7)	19	3.992
CA-6	Nicoleta-Monica Popa-Fotea, Alexandru Scafa-Udriste, Maria Dorobantu	The Continuum of Invasive Techniques for the Assessment of Intermediate Coronary Lesions	<i>Diagnostics</i>	2022	12(6)	12	3.992
CA-7	Ana-Maria Balahura, Ștefan-Ionuț Moroi, Alexandru Scafa-Udrişte, Emma Weiss, Cristina Japie, Daniela Bartoș, Elisabeta Bădilă	The Management of Hypertensive Emergencies—Is There a “Magical” Prescription for All?	<i>J. Clin. Med</i>	2022	11(11)	18	4.964
CA-8	Roxana Adriana Stoica, Diana Frățița, Alexandru Scafa-Udrişte, Oana Florentina Gheorghe-Fronea, Maria Dorobanțu, Constantin Ionescu-Tîrgoviște, Cristian Guja	The Relationship between Hypoglycaemic Episodes and Arrhythmias in Type 2 Diabetes Subjects after Acute Myocardial Infarction with ST-Segment Elevation—A Case Serie	<i>Journal of Diabetes Mellitus.</i>	2022	12. No.2	12	0.6

CA-9	Aura Vîjîiac, Sebastian Onciul, Silvia Deaconu, Radu Vătăşescu, Claudia Guzu, Violeta Verinceanu, Alina Scărlătescu, Diana Zamfir, Ioana Petre, Alexandru Scafa-Udrişte, Maria Dorobanţu	Three-dimensional right ventriculo-arterial coupling as an independent determinant of severe heart failure symptoms in patients with dilated cardiomyopathy	<i>Echocardiography</i>	2022	Volume3 9, Issue2	10	1.864
CA-10	Aura Vîjîiac, Radu Vătăşescu, Sebastian Onciul, Claudia Guzu, Violeta Verinceanu, Ioana Petre, Silvia Deaconu, Alina Scărlătescu, Diana Zamfir, Alexandru Scafa-Udrişte, Maria Dorobanţu	Right atrial phasic function and outcome in patients with heart failure and reduced ejection fraction: Insights from speckle-tracking and three-dimensional echocardiography	Kardiologia Polska (Polish Heart Journal)	2022	Vol 80, No 3	10	3.710
CA-11	M Dorobantu, NM Popa-Fotea, M Micheu, S Onciul, A Scafa-Udriste, R Ticulescu, L Dorobantu	Hypertrophic cardiomyopathy-a genetic disease in continuous development	Bulletin de l'Académie Nationale de Médecine	2022	Volume 206, Issue 1	9	0.432
CA-12	Lucian Calmac, Nicoleta-Monica Popa-Fotea, Vlad Bataila, Vlad Ploscaru, Adrian Turea, Irina Andra Tache, Diana Stoian, Lucian Itu, Elisabeta Badila, Alexandru Scafa-Udriste, Maria Dorobantu	Importance of Visual Estimation of Coronary Artery Stenoses and Use of Functional Evaluation for Appropriate Guidance of Coronary Revascularization—Multiple Operator Evaluation;	<i>Diagnostics</i>	2021	11(12)	18	3.992

CA-13	Aura Vîjîiac, Sebastian Onciul, Claudia Guzu, Violeta Verinceanu, Vlad Bătăilă, Silvia Deaconu, Alina Scărlătescu, Diana Zamfir, Ioana Petre, Roxana Onuț, Alexandru Scafa-Udriste, Radu Vătășescu, Maria Dorobanțu	The prognostic value of right ventricular longitudinal strain and 3D ejection fraction in patients with dilated cardiomyopathy	The International Journal of Cardiovascular Imaging	2021	37	12	2.316
CA-14	Iulia Rusu, Nicoleta-Monica Popa-Fotea, Mihaela Octavia Stanculescu, Diana Rusu, Alexandra Dumitru, Alexandru Scafa-Udriste, Oana-Maria Udrea, Miruna Mihaela Micheu	The Attitude of Patients from a Romanian Tertiary Cardiology Center Regarding Participation in Biomarker-Based Clinical Trials	<i>Medicina</i>	2021	57(11)	9	2.948
CA-15	Maria Dorobantu, Oana-Florentina Gheorghe-Fronea, Alexandru Scafa-Udriste, Sebastian Onciul, Calin Pop, Lucian Dorobantu, Roxana Darabont	Gender Disparities in the Prevalence, Awareness, Treatment, and Control of High Blood Pressure	Current Pharmaceutical Design	2021	27		3.310
CA-16	Nicoleta Oprescu, Miruna Mihaela Micheu, Alexandru Scafa-Udriste, Nicoleta-Monica Popa-Fotea Maria Dorobantu	Inflammatory markers in acute myocardial infarction and the correlation with the severity of coronary heart disease	Annals of Medicine	2021	53:1	8	5.348

CA-17	Miruna Mihaela Micheu, Nicoleta-Monica Popa-Fotea, Nicoleta Oprescu, Stefan Bogdan, Monica Dan, Alexandru Deaconu, Lucian Dorobantu, Oana Gheorghe-Fronea, Maria Greavu, Corneliu Iorgulescu, Alexandru Scafa-Udriste, Razvan Ticulescu, Radu Gabriel Vatasescu, Maria Dorobanțu	Yield of rare variants detected by targeted next-generation sequencing in a cohort of romanian index patients with hypertrophic cardiomyopathy	<i>Diagnostics</i>	2020	10(12)	18	3.992
CA-18	Nicoleta-Monica Popa-Fotea, Cosmin Cojocaru, Alexandru Scafa-Udriste, Miruna Mihaela Micheu, Maria Dorobantu	The Multifaced Perspectives of Genetic Testing in Pediatric Cardiomyopathies and Channelopathies	<i>J. Clin. Med</i>	2020	9(7)	22	4.964
CA-19	Nicoleta Monica Popa-Fotea, Miruna Mihaela Micheu, Vlad Bataila, Alexandru Scafa-Udriste, Lucian Dorobantu, Alina Ioana Scarlatescu, Diana Zamfir, Monica Stoian, Sebastian Onciul, Maria Dorobantu	Exploring the continuum of hypertrophic cardiomyopathy—From DNA to clinical expression	<i>Medicina</i>	2019	55(6)	26	2.948
CA-20	Miruna Mihaela Micheu, Alina Ioana Scarlatescu, Alexandru Scafa-Udriste, Maria Dorobantu	The winding road of cardiac regeneration—stem cell omics in the spotlight	<i>Cells</i>	2018	7(12)	25	7.666

CA-21	Lucian Calmac, Vlad Bataila, Bogdan Dragoescu, Cosmin Mihai, Alexandru Scafa-Udriste, Maria Dorobantu,	Microvascular (dys) Function in Stable Coronary Artery Disease: Cross Talk with Epicardial Segments;	Current Pharmaceutical Design	2018	Vol. 24, Nr. 25	6	2.412
CA-22	Lucian Călmăc, Vlad Bătăilă, Beatrice Ricci, Zorana Vasiljevic, Sasko Kedev, Olivija Gustiene, Dijana Trininic, Božidarka Knežević, Davor Miličić, Mirza Dilic, Olivia Manfrini, Edina Cenko, Lina Badimon, Raffaele Bugiardini, Alexandru Scafa-Udriște, Oana Tăutu, Maria Dorobanțu	Factors associated with use of percutaneous coronary intervention among elderly patients presenting with ST segment elevation acute myocardial infarction (STEMI): Results from the ISACS-TC registry	International Journal of Cardiology	2016	217	25	3.471

Criteriu îndeplinit:

DA NU

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

Criteriul	Standard minim	Realizat (<i>suma factorilor de impact ai articolelor publicate de autor în calitate de autor principal în reviste cotate ISI Web of Science Clarivate</i>)
(ISI) Factor cumulat de impact autor principal	10	79,993

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

Nr. Crt.	Autori	Titlu articol	Revista	An	Volum	Pagini	Factor de impact
L1.	Nicoleta-Monica Popa-Fotea, Alexandru Scafa-Udriste, Grigore Iulia, Alina Ioana Scarlatescu, Nicoleta Oprescu, Cosmin Mihai, Miruna Mihaela Micheu	Increasing clinical impact and microbiological difficulties in diagnosing coagulase-negative staphylococci in infective endocarditis—a review starting from a series of cases	Current Medical Research and Opinion	2022	38	7	2.705
L2.	Vlad Ploscaru, Nicoleta-Monica Popa-Fotea, Lucian Calmac, Lucian Mihai Itu, Cosmin Mihai, Vlad Bataila, Bogdan Dragoescu, Andrei Puiu, Cosmin Cojocaru, Minoiu Aurelian Costin, Alexandru Scafa-Udriste	Artificial intelligence and cloud based platform for fully automated PCI guidance from coronary angiography-study protocol	PLoS ONE	2022	17(9): e0274296	12	3.372

L3.	Cosmin-Andrei Hatfaludi, Irina-Andra Tache, Costin Florian Ciuşdel, Andrei Puiu, Diana Stoian, Lucian Mihai Itu, Lucian Calmac, Nicoleta-Monica Popa-Fotea, Vlad Bataila, Alexandru Scafa-Udriste	Towards a Deep-Learning Approach for Prediction of Fractional Flow Reserve from Optical Coherence Tomography	<i>Applied Sciences</i>	2022	12	24	2.838
L4.	Andreea Bianca Popescu, Ioana Antonia Taca, Anamaria Vizitiu, Cosmin Ioan Nita, Constantin Suciu, Lucian Mihai Itu, Alexandru Scafa-Udriste	Obfuscation Algorithm for Privacy-Preserving Deep Learning-Based Medical Image Analysis	<i>Applied Sciences</i>	2022	12(8)	27	2.838
L5.	Horaţiu Moldovan, Iulian Antoniac, Daniela Gheorghişă, Maria Sabina Safta, Silvia Preda, Marian Broască, Elisabeta Badilă, Oana Fronea, Alexandru Scafa-Udrişte, Mihai Cacoveanu, Adrian Molnar, Victor Sebastian Costache, Ondin Zaharia	Biomaterials as Haemostatic Agents in Cardiovascular Surgery: Review of Current Situation and Future Trends	<i>Polymers</i>	2022	14(6)	17	4.967
L6.	Alexandru Scafa-Udrişte, Nicoleta-Monica Popa-Fotea, Lucian Calmac, Sebastian Onciul, Vlad Bataila, Cosmin Mihai, Vlad Ploscaru, Valentina Uscatescu, Georgiana Gherghe, Iulia Grigore,	Anti-platelet treatment challenges in Glanzmann thrombasthenia-clinical practice when data lacks	Haemophilia	2022	28(4):e98-e100	3	4.268

	Maria Dorobanțu, Miruna Mihaela Micheu						
L7.	Cosmin Tirdea, Sorin Hostiuc, Horatiu Moldovan, Alexandru Scafa-Udriste	Identification of Risk Genes Associated with Myocardial Infarction—Big Data Analysis and Literature Review	<i>Int. J. Mol. Sci</i>	2022	23(23)	10	6.208
L8.	Nicoleta-Monica Popa-Fotea, Lucian Calmac, Miruna-Mihaela Micheu, Mihai Cosmin, Alina Scarlatescu, Diana Zamfir, Lucian Mihai Itu, Irina Andra Tache, Diana Stoian, Cosmin-Andrei Hatfaludi, Fredrik Eikeland Fossan, Leif Rune Hellevik, Emma Weiss, Alexandru Scafa-Udriste	A cloud-based platform for clinical decision support in acute coronary syndrome patients: Study methodology	Kardiologia Polska (Polish Heart Journal)	2022	Vol. 80 No 5	4	3.710
L9.	Elisabeta Bădilă, Cristina Japie, Emma Weiss, Ana-Maria Balahura, Daniela Bartoș, Alexandru Scafa Udriște	The Road to Better Management in Resistant Hypertension—Diagnostic and Therapeutic Insights	<i>Pharmaceutics</i>	2021	13(5)	17	6.525
L10.	Alexandru Scafa Udriște , Adelina-Gabriela Niculescu, Alexandru Mihai Grumezescu Elisabeta Bădilă	Cardiovascular Stents: A Review of Past, Current, and Emerging Devices	Materials	2021	14	22	3.748
L11.	Elisabeta Bădilă, Iulia Ioana Lungu, Alexandru Mihai Grumezescu, Alexandru Scafa Udriște	Diagnosis of Cardiac Abnormalities in Muscular Dystrophies;	<i>Medicina</i>	2021	57(5)	17	2.948
L12.	Alexandru Scafa Udriște, Giorgica Lupu, Daniel Popescu, Gabriela Popescu	Pathological and forensic implications of coronary dominance in patients with inferior ST-elevated myocardial infarction	Rom J Leg Med.	2013	21	4	0.152
1.13	Alexandru Scafa Udriște, Adelina-Gabriela Niculescu, Luminița Iliuță, Teodor Bajeu, Adriana Georgescu, Alexandru Mihai Grumezescu, Elisabeta Bădilă.	Progress in Biomaterials for Cardiac Tissue Engineering and Regeneration	Polymers	2023	15	16	4,967
L14	Nicoleta-Monica Popa-Fotea, Iulia-Adelina Grigore, Lucian	The Profile and All-Cause InHospital Mortality Dynamics of ST Segment	J. Clin. Med.	2023	12	15	4.964

	Calmac, Cosmin Mihai, Vlad Bataila, Vlad Ploscaru, Bogdan Dragoescu, Horatiu Moldovan, Stefan-Sebastian Busnatu, Eugenia Panaitescu, Luminita Iliuță, Alexandru Scafa-Udriște	Elevation Myocardial Infarction Patients during the Two Years of the COVID-19 Pandemic					
L15	Alexandru Scafa-Udriste, Mircea-Ioan Popa, Gabriela-Loredana Popa	Updates on Staphylococcal Vaccines, 2024,	Microbiol. Res.	2024	15	11	1,5
L16	Irina-Andra Tache, Cosmin-Andrei Hatfaludi, Andrei Puiu, Lucian Mihai Itu, Nicoleta-Monica Popa-Fotea, Lucian Calmac, Alexandru Scafa-Udriste,	Assessment of the functional severity of coronary lesions from optical coherence tomography based on ensembled learning	BioMedical Engineering OnLine	2023	22		3,903
L17	Nicoleta-Monica Popa-Fotea, Nicoleta Oprescu, Alexandru Scafa-Udriste, Miruna Micheu	Impact of rs1805127 and rs55742440 Variants on Atrial Remodeling in Hypertrophic Cardiomyopathy Patients with Atrial Fibrillation	A Romanian Cohort Study, Int. J. Mol. Sci	2023	24	15	5,6
L18	Alexandru Scafa Udriște, Alexandra Cristina Burdușel, Adelina-Gabriela Niculescu, Marius Rădulescu, Alexandru Mihai Grumezescu	Metal-Based Nanoparticles for Cardiovascular Diseases	Int. J. Mol. Sci.	2024	25(2)	16	5,6
L19	Alexandru Scafa Udriște, Alexandra Cristina Burdușel, Adelina-Gabriela Niculescu,	Coatings for Cardiovascular Stents—An Up-to-Date Review	Int. J. Mol. Sci.	2024	25(2)	17	5,6

	Marius Rădulescu, Alexandru Mihai Grumezescu						
L20	Alexandru Scafa-Udriste, Ruxandra-Nicoleta Horodinschi, Miruna Babos, Bogdan Dinu	Diagnostic challenges between takotsubo cardiomyopathy and acute myocardial infarction—where is the emergency?: a literature review	International Journal of Emergency Medicine	2024	1	13	3,2
L21	Ioan-Teodor Bajeu, Adelina-Gabriela Niculescu, Alexandru Scafa-Udriște, Ecaterina Andronescu	Intrastent Restenosis: A Comprehensive Review	Int. J. Mol. Sci.	2024	25(2)	17	5,6

Criteriu îndeplinit:

DA NU

4. Indexul Hirsch

Criteriul	Standard minim	Realizat
Index Hirsch	6	7

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.	Alexandru Scafa Udriste , Adelina-Gabriela Niculescu, Alexandru Mihai Grumezescu Elisabeta Bădilă	Cardiovascular Stents: A Review of Past, Current, and Emerging Devices	Materials	2021	14	22	43
L2.	Nicoleta Monica Popa-Fotea, Miruna Mihaela Micheu, Vlad Bataila, Alexandru Scafa-Udriste, Lucian	Exploring the continuum of hypertrophic cardiomyopathy—From DNA to clinical expression	<i>Medicina</i>	2019	55(6)	26	17

	Dorobantu, Alina Ioana Scarlatescu, Diana Zamfir, Monica Stoian, Sebastian Onciul, Maria Dorobantu						
L3.	Aura Vişiiac, Sebastian Onciul, Claudia Guzu, Violeta Verinceanu, Vlad Bătăilă, Silvia Deaconu, Alina Scărlătescu, Diana Zamfir, Ioana Petre, Roxana Onuț, Alexandru Scafa-Udriste, Radu Vătăşescu, Maria Dorobanțu	The prognostic value of right ventricular longitudinal strain and 3D ejection fraction in patients with dilated cardiomyopathy	The International Journal of Cardiovascular Imaging	2021	37	12	17
L4.	Miruna Mihaela Micheu, Nicoleta-Monica Popa-Fotea, Nicoleta Opreşcu, Stefan Bogdan, Monica Dan, Alexandru Deaconu, Lucian Dorobantu, Oana Gheorghe-Fronea, Maria Greavu, Corneliu Iorgulescu, Alexandru Scafa-Udriste, Razvan Ticulescu, Radu Gabriel Vatasescu, Maria Dorobanțu	Yield of rare variants detected by targeted next-generation sequencing in a cohort of romanian index patients with hypertrophic cardiomyopathy	<i>Diagnostics</i>	2020	10(12)	18	9
L5.	Nicoleta Opreşcu, Miruna Mihaela Micheu, Alexandru Scafa-Udriste, Nicoleta-Monica Popa-Fotea Maria Dorobantu	Inflammatory markers in acute myocardial infarction and the correlation with the severity of coronary heart disease	<i>Annals of Medicine</i>	2021	53:1	8	22
L6.	Miruna Mihaela Micheu, Alina Ioana Scarlatescu, Alexandru Scafa-Udriste, Maria Dorobantu	The winding road of cardiac regeneration—stem cell omics in the spotlight	<i>Cells</i>	2018	7(12)	25	8
L.7	Andreea Bianca Popescu, Ioana Antonia Taca, Anamaria Vizitiu, Cosmin Ioan Nita, Constantin Suci, Lucian Mihai Itu, Alexandru Scafa-Udriste	Obfuscation Algorithm for Privacy-Preserving Deep Learning-Based Medical Image Analysis	<i>Applied Sciences</i>	2022	18(2)	27	7

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

Note asupra metodei de calcul:

1. va fi luat în considerare Indexul Hirsch calculat utilizând ISI Web of Science Clarivate, Core Collection, Thomson Reuters, pentru întreaga carieră a candidatului („all years”);
2. o revistă cotate ISI este o revistă pentru care Thomson Reuters calculează și publică factorul de impact în „Journal Citation Reports”;
3. autorul/autorii principali ai unei publicații se consideră a fi oricare dintre următorii:
 - a. primul autor;
 - b. autorul corespondent;
 - c. alți autori, a căror contribuție este indicată explicit în cadrul publicației a fi egală cu contribuția primului autor sau a autorului corespondent;
 - d. ultimul autor.
4. factorul cumulat de impact va fi calculat pentru articolele la care candidatul este autor principal (FCIAP). FCIAP = suma factorilor de impact ai articolelor publicate de autor în calitate de autor principal în reviste cotate ISI;
5. vor fi incluse articole originale și reviews; în cazul publicațiilor în reviste cu factor de impact mai mare decât 3, pot fi luate în considerare și alte tipuri de publicații în extenso (nu rezumate).