

Memoriu de activitate științifică

Date privind doctorandul:	
Nume / Prenume	Horea-Laurențiu Onea

1. Articole publicate in extenso în reviste și volumele unor manifestari științifice indexate ISI, Web of Science, Core collection, cu factor de impact - autor principal

Nr. Crt	Titlul	Autorii	Calitatea autorului ¹	Revista, volum, nr. pag	Factor impact ²	Quartila	Anul ³	Link al lucrării
1	Optical Coherence Tomography-OCT for Characterization of Non-Atherosclerotic Coronary Lesions in Acute Coronary Syndromes	Spînu M, * Onea HL, Homorodean C, Olinic M, Ober MC, Olinic DM	Autor cu contribuții egale	J Clin Med; 11(1):265	5.58	Q1	2022	https://www.mdpi.com/2077-0383/11/1/265
2	OCT imaging of a wide spectrum of culprit plaque morphology features in acute coronary syndromes	Onea HL, Spînu M, Homorodean C, Olinic M, Olinic DM	Prim autor	Atherosclerosis. 2022 Aug 1;355:30	6.84	Q1	2022	https://www.atherosclerosis-journal.com/article/S0021-9150(22)00371-9/fulltext
3	Distinctive Morphological Patterns of Complicated Coronary Plaques in Acute Coronary Syndromes: Insights from an Optical Coherence Tomography Study	Onea HL, Spînu M, Homorodean C, Olinic M, Lazăr FL, Ober MC, Stoian D, Itu LM, Olinic DM	Prim autor	Diagnosics (Basel); 12(11):2837	3.99	Q2	2022	https://www.mdpi.com/2075-4418/12/11/2837

4	Superficial Calcified Plates Associated to Plaque Erosions in Acute Coronary Syndromes	Onea HL, Spînu M, Homorodean C, Ober MC, Olinic M, Lazăr FL, Achim A, Tătaru DA, Olinic DM	Prim autor	Life (Basel); 13(8):1732	3.2	Q2	2023	https://doi.org/10.3390/life13081732
5	The role of optical coherence tomography in guiding percutaneous coronary interventions- is left main the final challenge?	Onea HL, Lazăr FL, Olinic DM, Homorodean C, Cortese B	Prim autor	Minerva Cardiol Angiol; 72(1):41-55	2.26	Q3	2024	https://pubmed.ncbi.nlm.nih.gov/36321887
6	A Review Paper on Optical Coherence Tomography Evaluation of Coronary Calcification Pattern: Is It Relevant Today?	Onea HL, Olinic M, Lazăr FL, Homorodean C, Ober MC, Spînu M, Achim A, Tătaru DA, Olinic DM	Prim autor	J. Cardiovasc. Dev. Dis; 11(8): 231	2.4	Q2	2024	https://doi.org/10.3390/jcdd11080231
7	A Case Report of Ebstein's Anomaly-Gerbode Defect Dyad- Is There Room for Another Anomaly in the Same Patient?	Onea HL, Lazar FL, Teodoru M, Stoia O, Olinic DM	Prim autor	Eur Heart J Case Rep; ;8(9):ytae444	0.8	Q3	2024	https://academic.oup.com/ehjcr/article/8/9/ytae444/7738844
8	Galectin-3 Reflects Systemic Atherosclerosis in Patients with Coronary Artery Disease	Onea HL, Homorodean C, Lazar FL, Negrea MO, Calin T, Bitea IC, Teodoru M, Nechita VI, Olteanu AL, Olinic DM	Prim autor	Medicina; 61(8):1388	2.4	Q1	2025	https://doi.org/10.3390/medicina61081388

9	OCT-Based Morphological Classification of Healed Coronary Plaques: Insights from Imaging of Fresh Thrombi at Different Stages of Healing and Implications for Post-Stenting Edge Dissections	Homorodean C, * Onea HL, Lazăr FL, Ober MC, Spînu M, Tătaru DA, Olinic M, Popa Ilie IR, Homorodean R, Leucuța DC, Olinic DM	Autor corespondent	Medicina; 61(8):1440	2.4	Q1	2025	https://doi.org/10.3390/medicina61081440
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¹ se va nota (prim autor, autor corespondent, ultim autor, autor cu contribuții egale)

² se va nota factorul de impact în anul apariției articolului

³ se va nota anul apariției articolului

2. Articole publicate in extenso în reviste și volumele unor manifestari științifice indexate ISI, Web of Science, Core collection, cu factor de impact - coautor

Nr. Crt.	Titlul	Autorii	Revista, volum, nr. pagini	Factor impact ²	Quartila	Anul ³	Link al lucrării
1	Approaches to Peripheral Artery Disease in Diabetes: Are There Any Differences?	Achim A, Stanek A, Homorodean C, Spînu M, Onea HL, Lazăr L, Marc M, Ruzsa Z, Olinic DM	Int J Environ Res Public Health. 9;19(16):9801	4.61	Q1	2022	https://www.mdpi.com/1660-4601/19/16/9801
2	Management of a Rare Combination of Nutcracker and Wilkie Syndromes	Ober MC, Lazăr FL, Achim A, Tirinescu DC, Leibundgut G, Homorodean C, Olinic M, Onea HL, Spînu M, Tătaru D, Săbiescu B, Olinic DM	J Pers Med. 12(9):1461	3.5	Q2	2022	https://www.mdpi.com/2075-4426/12/9/1461
3	Intravascular imaging for left main stem assessment: An update on the most recent clinical data	Cortese B, Piraino D, Gentile D, Onea HL, Lazar L.	Catheter Cardiovasc Interv; 100(7):1220-1228	2.69	Q1	2022	https://onlinelibrary.wiley.com/doi/10.1002/ccd.30440
4	Correlation between Ultrasound Peak Systolic Velocity and Angiography for Grading Internal Carotid Artery Stenosis	Tătaru DA, Olinic M, Homorodean C, Ober MC, Spînu M, Lazăr FL, Onea L, Olinic DM	J Clin Med; 13(2):517	3	Q1	2024	

5	Outcomes after stenting of renal artery stenosis in patients with high-risk clinical features	Homorodean C, Ober MC, Spinu M, Olinic M, Tataru DA, Onea HL, Achim A, Lazar LF, Homorodean R, Deak B, Olinic DM	Egypt Heart J; 76(1):4.	1.4	Q3	2024	https://link.springer.com/article/10.1186/s43044-024-00435-z
6	Peripheral Artery Disease Ultrasound Assessment in Predicting the Severity of Coronary Artery Disease.	Olinic M, Lazar FL, Onea HL, Homorodean C, Ober M, Tataru D, Spinu M, Achim A, Olinic DM	Life (Basel); 14(3):333	3.2	Q1	2024	https://www.mdpi.com/2075-1729/14/3/333
7	Ultrasonography for the optimal selection of patients suitable for single session arteriography and endovascular revascularization in severe peripheral artery disease	Spinu M, Gligor RI, Olinic M, Homorodean C, Ober MC, Tataru D, Sabiescu B, Onea HL, Achim A, Lazar FL, Olinic DM	Med Ultrason;26(4):376-382	1.8	Q3	2024	https://www.medultrason.ro/medultrason/index.php/medultrason/article/view/4417
8	Benefits and Challenges of Drug-Coated Balloons in Peripheral Artery Disease: From Molecular Mechanisms to Clinical Practice	Tataru DA, Lazar FL, Onea HL, Homorodean C, Ober MC, Olinic M, Spinu M, Olinic DM	Int J Mol Sci; 25(16):8749	4.9	Q1	2024	https://www.mdpi.com/1422-0067/25/16/8749
9	The role of drug-coated balloons for coronary bifurcation management: results from the prospective EASTBOURNE-BIF study	Lazar FL, Prvulović Đ, Onea HL, Cortese B.	Minerva Cardiol Angiol; 72(4):346-354	1.4	Q3	2024	https://www.minervamedica.it/en/journals/minerva-cardiology-angiology/article.php?cod=R05Y2024N04A0346
10	Sirolimus-coated balloon versus drug-eluting stent for complex coronary lesions. A propensity matched comparison	Iwańczyk S, Lazar FL, Onea HL, Pesenti N, Wańha W, Woźniak P, Gościński W, Lesiak M, Cortese B.	Int J Cardiol; 415:132436	3.2	Q1	2024	https://www.internationaljournalofcardiology.com/article/S0167-5273(24)0

							1058-1/abstract
11	Drug-Coated Balloons in All-Coroner Population—Are We There Yet?	Lazar FL, Onea HL, Homorodean C, Bitea IC, Lazar DR, Ober MC, Tataru D, Olinic M, Spinu M, Kacso TP, Olinic DM	J Clin Med. 2025 May 21;14(10):3608	2.9	Q1	2025	https://www.mdpi.com/2077-0383/14/10/3608
12	OCT for Optimizing Long-Term Clinical Results in Left Main PCI-Dream or Reality? Results from a Single-Center High-Volume Registry	Lazar FL, Kacso TP, Homorodean C, Ober M, Onea HL, Tataru D, Spinu M, Olinic M, Teodoru M, Olinic DM	J Clin Med. 2025 Aug 18;14(16):5824	2.9	Q1	2025	https://www.mdpi.com/2077-0383/14/16/5824

² se va nota factorul de impact în anul apariției articolului

³ se va nota anul apariției articolului

ALTE TIPURI DE PUBLICAȚII

1. Articole publicate in extenso în reviste și volumele unor manifestari științifice indexate ISI, Web of Science, Core collection fără factor de impact sau BDI - autor principal

Nr. Crt.	Titlul	Autorii	Calitatea autorului ¹	Revista, volum, nr. pagini	Anul ²	Link al lucrării
1	Diffuse coronary artery disease management with drug coated balloons	Onea HL, Lazar FL, Olinic DM, Cortese B	Prim autor	Vessel Plus; 7:13	2023	https://journal.hep.com.cn/vp/EN/10.20517/2574-1209.2023.11

¹ se va nota (prim autor, autor corespondent, ultim autor, autor cu contribuții egale)

² se va nota anul apariției articolului

2. Articole publicate in extenso în reviste și volumele unor manifestari științifice indexate ISI, Web of Science, Core collection fără factor de impact sau BDI - coautor

Nr. Crt.	Titlul	Autorii	Revista, volum, nr. pagini	Anul ²	Link al lucrării
1	An update on the use of drug coated balloons in clinical practice - results from the most recent studies	Lazar FL, Onea HL, Cortese B	Heart and Blood Vessels; 31(3):65-69	2022	https://www.ukrsb.rs/upload/document/1670411782-an_update_on_the_use_of_drug_coated_balloons_in_clinical_practice

					_results_from_the_most_recent_studies.pdf
2	A 2024 scientific update on the clinical performance of drug-coated balloons	Lazar FL, Onea HL, Olinic DM, Cortese B	AsiaIntervention. 2024 Feb 29;10(1):15-25.	2024	https://www.asiaintervention.org/article/a-2024-scientific-update-on-the-clinical-performance-of-drug-coated-balloons/

² se va nota anul aparitiei articolului

Modalitatea de prezentare a activității științifice: numerotarea lucrărilor se va face în ordinea progresivă a zilei, lunii și a anului publicării

Editare de cărți, cursuri și caiete de lucrări practice pentru studenți sau pentru cursuri postuniversitare:

Participări cu lucrări la manifestări științifice naționale

IEEE 20th International Power Electronics and Motion Control Conference (PEMC), 2022, Brașov. Prezentare orală. Aldea GD, Stoian DI, Gheorghita AB, Onea HL, Olinic DM, Homorodean C, Spinu M, Olinic M, Itu LM. Deep Learning based Coronary Stent Detection and Residual Stenosis Assessment in Optical Coherence Tomography.

Participări manifestări științifice naționale

CHIP Romania- 2023, București

Conferința de Primăvară a Societății Române de Cardiologie- 2023, Sibiu

CHIP Romania- 2024, București

Al 63-lea Congres Național de Cardiologie- 2024, Sinaia

Participări cu lucrări la manifestări științifice internaționale

EAS Congress- 2022, Milano. Prezentare orală. Onea HL, Spinu M, Homorodean C, Olinic M, Olinic DM. OCT Imaging Of A Wide Spectrum Of Culprit Plaque Morphology Features In Acute Coronary Syndromes.

EuroPCR- 2022, Paris. Prezentare poster. Onea HL, Spinu M, Homorodean C, Olinic M, Olinic DM. OCT Imaging Reveals Significant Morphology Differences Between Culprit Lesions With Intimal Discontinuities or Calcified Nodules In Acute Coronary Syndromes.

Participări la manifestări științifice internaționale

EuroPCR- 2025, Paris

29.01.2026