Annex 1. Publications

• **Papers published in reputable internationally peer-reviewed journals**		
1	Mullabaeva G., Dzhumaniyazov D., Abdullaeva S. , Uzokov J. Effect of Early Administration of Sacubutril+Valsartan on Hemodynamic Parameters in Patients with Q-Wave Myocardial Infarction. Cardiology in Belarus, 2025, 17(1): 109-118.	*Published*
2	Jamol Uzokov, Influence of variability in risk factors on cardiovascular disease outcomes in type 2 diabetes mellitus, European Journal of Preventive Cardiology, Volume 32, Issue 7, May 2025, Pages 610–611, https://doi.org/10.1093/eurjpc/zwad181	*Published*
of which co-authored with international authors		
3	Kerneis, M., Ammirati, E., Delmas, C., Heggermont, W., Heymans, S., Lenz, M., Madonna, R., Morosin, M., Schaubroeck, H., Sionis, A., Tsaban, G., Uzokov, J., Vardanyan, K., Vandenbriele, C., & Roubille, F. (2025). Clinical Management of Acute myocarditis in daily practice: an expert practical view. *European heart journal. Acute cardiovascular care*, zuaf057. Advance online publication. https://doi.org/10.1093/ehjacc/zuaf057	*Published*
4	Yueye Chen, Ye Chen, Jingyu Zhu, Jamol Uzokov et al. Exploration of the Causal Roles of Immune Cells and Inflammatory Proteins in Aortic Dissection via Mendelian Randomization. Cardiovascular Innovations and Applications. 2025. Vol. 10(1). DOI: 10.15212/CVIA.2025.0002	*Published*
5	Zhaoxuan Zhang, Jian Wang, Jamol Uzokov et al. Genetic links between sarcopenia-related traits and risk of aortic aneurysm: A Mendelian randomization study. Journal of Vascular Surgery. 2025.	*Published*
6	Gang, Q., Lun, Y., Zhang, X., Uzokov, J., Jiang, H., He, Y., Shen, S., Wang, S., Erhart, P., Böckler, D., Li, Y., Han, Y., & Zhang, J. (2025). Targeting VCAM-1 with chimeric antigen receptor and regulatory T cell for abdominal aortic aneurysm treatment. Communications biology, 8(1), 1230. https://doi.org/10.1038/s42003-025-08604-9	*Published*
of which co-authored with or authored by young researchers		
7	Alyavi B.A., Payziev D.D., Uzokov J.K., Orziev D.Z. Tursunov J.T. Efficacy of low glycemic index diet in patients with coronary artery disease after PCI. Cardiology in Belarus, 2025.	*Submitted*
• **Proceeding papers** (conference papers)		
8	Uzokov J., Alyavi B., Iskhakov Sh., Muminov Sh., Abdullaev A.. Accuracy of AI Model for the Identification of Right Coronary Artery Stenosis in Coronary Angiography. JACC: Cardiovascular Interventions, 2025, 18(4), S, 29.	*Published*
9	Alyavi B., Uzokov J., Pazyiev D, TCTAP A-033 Endovascular Management of Multi-Vessel Coronary Disease in Patients With Diabetes Mellitus, Journal of the American College of Cardiology, 2025, 85 (15), S27. https://doi.org/10.1016/j.jacc.2025.03.055. (https://www.sciencedirect.com/science/article/pii/S0735109725053860)	*Published*
10	Minovarova Ch., Uzokov J., Atakhodjaeva G. Risk factors and predictors of hypertension in young people with obesity. European Journal of Clinical Investigation. 2025:55(S2);27.	*Published*
11	Kayumov N., Uzokov J., Abdullaev A. et al. Deciphering perivascular adipose tissue heterogeneity in abdominal aortic aneurysm: Insights from single-cell sequencing and spatial transcriptomics. European Journal of Clinical Investigation. 2025:55(S2);28.	*Published*
12	Alyavi B, Karimdjanova G, Uzokov J, Kurmayeva D, Kayumov N, Payziev D, Abdullaev A. Targeting CCL8 for abdominal aortic aneurysm therapy: role in inflammation and lipid metabolism modulation. European Journal of Clinical Investigation, 2025.55(S2):123.	*Published*
13	Mukhitdinova O., Raimkulova N., Alyavi B., Uzokov J., Abdullaev A., Uzokova M., Kurmayeva D. Perivascular fat attenuation as a biomarker for AAA: Insights from CTA image analysis and machine learning models, European Journal of Clinical Investigation, 2025:55(S2);45-46.	*Published*
14	Alyavi B., Abdullaev A., Uzokov J., Karimdjanova G., Kayumov N., Payziev D., Kurmayeva D. Metabolic and inflammatory signatures of PVAT in AAA: Implications for therapeutic targeting, European Journal of Clinical Investigation, 2025.55(S2):105-106.	*Published*
15	Alyavi B., Abdullaev A., Uzokov J. Indicators of microvascular dysfunction in ischemic heart disease with non-obstructive coronary arteries. Cardiology at the crossroads of sciences conference proceedings. 2025, 24-27.	*Published*
16	Uzokov J.K., Alyavi A.L., Alyavi B.A.,Abdullaev A.X. The role of artificial intelligence in identifying coronary artery lesions in coronary angiography, Atherosclerosis, 2025.	*Submitted*
• **Other publications** (local journals, monographs, etc.)		
17	Abdullaev A.Kh., Uzokov J.K., Kayumov N.U., Payziev J.J., Orziev D.Z., Kurmaeva D.N., Alyavi S.B. New approaches to the study of abdominal aortic aneurysm. Therapeutic Bulletin of Uzbekistan, 2025, №1, 186-194.	*Published*

18	Alyavi B.A., Abdullaev A.Kh., Uzokov J.K., Paiziev Dj.Dj. Evaluation of microvascular dysfunction in ischemic heart disease with non-obstructive coronary arteries. Therapeutic Bulletin of Uzbekistan, 2025, №1, 42-49.	*Published*
19	Alyavi B.A., Paiziev D.D., Uzokov J.K. Effectiveness of a low-carbohydrate diet in evaluating outcomes after stenting in ischemic heart disease. Therapeutic Bulletin of Uzbekistan, 2025, №1, 11-19.	*Published*
20	Tursunov J.T., Muminov Sh.K., Uzokov J.K. Efficacy of carbon dioxide angiography in patients with critical lower limb ischemia and chronic kidney disease. Therapeutic Bulletin of Uzbekistan, 2025, №1, 155-163.	*Published*
21	Abdullaev A.H., Aliavi B.A., Uzokov J.K. Microvascular angina: Issues of diagnosis and treatment. Therapeutic Bulletin of Uzbekistan, 2025, №1, 171-178.	*Published*