

**Articole în reviste cotate ISI**

1. **Maria Dorobanțu**, Miruna Micheu, Nicoleta-Monica Popa-Fotea, Sebastian Onciul, Alexandru Scafa-Udriște, Răzvan Ticulescu, Lucian Dorobanțu, *La cardiomyopathie hypertrophique – une maladie génétique en développement continu*, Bulletin de l'Académie Nationale de Médecine, in press
2. Jankowska, E.A., Kirwan, B.A., Kosiborod, M., Butler, J., Anker, S.D., McDonagh, T, **Dorobanțu, M.**, Ponikowski, P., Group Author AFFIRM-AHF Investigators (AFFIRM-AHF Investigators), *The effect of intravenous ferric carboxymaltose on health-related quality of life in iron-deficient patients with acute heart failure: the results of the AFFIRM-AHF study*, EUROPEAN HEART JOURNAL, volume 42, issue 31, page 3011-+ published: AUG 14 2021, (IF 29.729)
3. Edina Cenko, Lina Badimon, Raffaele Bugiardini, (...), **Maria Dorobanțu** and Dimitris Tousoulis, *Cardiovascular disease and COVID-19: a consensus paper from the ESC Working Group on Coronary Pathophysiology & Microcirculation, ESC Working Group on Thrombosis and the Association for Acute Cardiovascular Care (ACVC), in collaboration with the European Heart Rhythm Association (EHRA)*, CARDIOVASCULAR RESEARCH (2021) 00, 1–25 REVIEW (IF 8.168)
4. Collet, J.P., Thiele, H., **Dorobanțu, M.**, Siontis, G.C.M., *2020 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation*, Apr 7 2021, EUROPEAN HEART JOURNAL 42 (14), pp.1289-1367, EUROPEAN HEART JOURNAL, volume 42, issue 14, pp. 1289-1367, published: APR 7 2021, Article (IF 29.729)
5. Zhou, B., Carrillo-Larco, R.M.,... **Dorobanțu, M.**, NCD Risk Factor Collaboration (NCD-RisC), *Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants*, Sep 11 2021, LANCET 398 (10304), pp. 957-980, (IF 79.323)
6. **Maria Dorobanțu**, Maya Simionescu, Nicoleta-Monica Popa-Fotea, *Molecular Research in Cardiovascular Disease*, Int. J. Mol. Sci. 2021, 22, 7199, (IF 5.923)
7. Alina Ioana Scărlătescu 1, 2, Miruna Mihaela Micheu 2, Nicoleta-Monica Popa-Fotea 1, 2, **Maria Dorobanțu** 1, 2, *MicroRNAs in Acute ST Elevation Myocardial Infarction—A New Tool for Diagnosis and Prognosis: Therapeutic Implications*”, Int. J. Mol. Sci. 2021, 22, 4799. (IF 5.923)
8. Flood, D., (...), **Dorobanțu, M.**, Manne-Goehler, J., *The state of diabetes treatment coverage in 55 low-income and middle-income countries: a cross-sectional study of nationally representative, individual-level data in 680 102 adults*, LANCET HEALTHY LONGEVITY, volume 2, issue 6, page E340-E351, published: JUN 2021, Article

9. Vijiic, A., Onciul, S., Guzu, C., Verinceanu, V., Bataila, V., Scarlatescu, A., Zamfir, D., Petre, I., Onut, R., Scafa-Udriste, A., Vatasescu, R., **Dorobanțu, M.**, *The prognostic value of right ventricular longitudinal strain and 3D ejection fraction in patients with dilated cardiomyopathy*, Nov 2021, Jun 2021 (Early Access), INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING 37 (11), pp. 3233-3244 (IF 2.164)
10. Scafa-Udriste, A., Popa-Fotea, N.M., Bataila, V., Calmac, L., **Dorobanțu, M.**, *Acute inferior myocardial infarction in a young man with testicular seminoma: A case report*, WORLD JOURNAL OF CLINICAL CASES, volume 9, issue 16, pp. 4040-4045, DOI10.12998/wjcc.v9.i16.4040, published: JUN 6 2021, Article (IF 1.742)
11. Deaconu, S., Deaconu, A., Scarlatescu, A., Petre, I., Onciul, S., Vijiic, A., Onut, R., Zamfir, D., Marascu, G., Iorgulescu, C., Radu, D.A., Bogdan, S., Vatasescu, R., **Dorobanțu, M.**, *Right ventricular-arterial coupling - A new perspective for right ventricle evaluation in heart failure patients undergoing cardiac resynchronization therapy*, ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, volume 38, issue 7, pp. 1157-1164, published: JUL 2021, Early Access MAY 2021, Article (IF 1.647)
12. **Dorobanțu, M.**, Gheorghe-Fronea, O.F., Scafa-Udriste, Onciul, S., Pop, C., Dorobanțu, L., Darabont, R., *Gender Disparities in the Prevalence, Awareness, Treatment, and Control of High Blood Pressure*, CURRENT PHARMACEUTICAL DESIGN, volume 27, issue 29, pp. 3173-3179, published 2021, Review (IF 3.309)
13. Oprescu, N., Micheu, M.M., (...), **Dorobanțu, M.**, *Inflammatory markers in acute myocardial infarction and the correlation with the severity of coronary heart disease*, Jan 1 2021, ANNALS OF MEDICINE 53 (1), pp.1040-1046, Article ( IF 4.554)
14. Dillinger, J.G.; Ducrocq, G.; **Dorobanțu, M.** (...),Steg, P.G., *Sex Differences in Ischemic and Bleeding Outcomes in Patients With Non-ST-Segment-Elevation Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention Insights From the TAO Trial*, Jan 2021, CIRCULATION-CARDIOVASCULAR INTERVENTIONS 14 (1), pp.29-38 (IF 6.891)
15. Sudharsanan, N., Theilmann, M., **Dorobanțu, M.** (...), Geldsetzer, P., *Variation in the Proportion of Adults in Need of Blood Pressure-Lowering Medications by Hypertension Care Guideline in Low- and Middle-Income Countries A Cross-Sectional Study of 1 037 215 Individuals From 50 Nationally Representative Surveys*, CIRCULATION, volume 143, issue10, pp. 991-1001, published: MAR 9 2021, Article (IF 27.474)
16. Tabea K. Kirschbaum, Michaela Theilmann, Nikkil Sudharsanan, Jennifer Manne-Goehler, Julia M. Lemp, Jan-Walter De Neve, Maja E. Marcus, Cara Ebert, Simiao Chen, Krishna K. Aryal, Silver K. Bahendeka, Bolormaa Norov, Albertino Damasceno, **Maria Dorobanțu**, Farshad Farzadfar, Nima Fattahi, Mongal S. Gurung, David Guwatudde, Demetre Labadarios, Nuno Lunet, Elham Rayzan, Sahar Saeedi Moghaddam, Jacqui Webster, Justine I. Davies, Rifat Atun, Sebastian Vollmer, Till Bärnighausen, Lindsay M. Jaacks, and Pascal Geldsetzer See fewer authors, *Targeting Hypertension Screening in Low- and Middle-Income Countries: A Cross-Sectional Analysis of 1.2 Million Adults*

*in 56 Countries. Originally published 2 Jul 2021, JOURNAL OF THE AMERICAN HEART ASSOCIATION (IF 5.501)*

17. Nicoleta-Monica Popa-Fotea, Miruna Mihaela Micheu, Nicoleta Oprescu, Adriana Alexandrescu, Maria Greavu, Sebastian Onciul, Roxana Onut, Ioana Petre, Alina Scarlatescu, Monica Stoian, Razvan Ticulescu, Diana Zamfir and **Maria Dorobanțu**, *The Role of Left-Atrial Mechanics Assessed by Two-Dimensional Speckle-Tracking Echocardiography to Differentiate Hypertrophic Cardiomyopathy from Hypertensive Left-Ventricular Hypertrophy*, DIAGNOSTICS 2021, 11, 814 (IF 3.674)
18. Vijiiaac, A., Onciul, S., Guzu, C., Scarlatescu, A., Petre, I., Zamfir, D., Onut, R., Deaconu, S., **Dorobanțu, M.**, *Forgotten No More-The Role of Right Ventricular Dysfunction in Heart Failure with Reduced Ejection Fraction: An Echocardiographic Perspective*, DIAGNOSTICS, volume 11, issue 3, article number 548, published: MAR 2021, Review (IF 3.674)
19. Zamfirescu, M.B., Ghilencea, L.N., Popescu, M.R., Bejan, G.C., Ghiordanescu, I.M., Popescu, A.C., Myerson, S.G., **Dorobanțu, M.**, *A Practical Risk Score for Prediction of Early Readmission after a First Episode of Acute Heart Failure with Preserved Ejection Fraction*, DIAGNOSTICS, volume 11, issue 2, number 198, published: FEB 2021, Article (IF 3.674)
20. Alexander, Y., Osto, E., Schmidt-Trucksass, A., Shechter, M., Trifunovic, D., Duncker, D.J., Aboyans, V., Back, M., Badimon, L., Cosentino, F., De Carlo, M., **Dorobanțu, M.**, et al, *Endothelial function in cardiovascular medicine: a consensus paper of the European Society of Cardiology working Groups on Artherosclerosis and Vascular Biology, Aorta and Peripheral Vascular Diseases, Coronary Pathophysiology and Microcirculation, and Thrombosis*, CARDIOVASCULAR RESEARCH, volume 117, issue 1, pp. 29-42, published: JAN 1 2021, Review (IF 10.787)
21. Buzas, R., Ivan, V.S., Gheorghe-Fronea, O.F., Morgovan, A.F., Ardelean, M., Albuiescu, N., **Dorobanțu, M.**, Lighezan, D.F. *Arterial Hypertension and Serum Uric Acid in Elderly-SEPHAR III Study*, ARQUIVOS BRASILEIROS DE CARDIOLOGIA, volume 117, issue 2, pp. 378-384, published 2021, Article (IF 2.415)
22. Weber, T., Januszewicz, A., Rosei, E.A., Tsioufis, K. ...**Dorobanțu, M.**, Zweiker, R., Group Author European Soc Hypertension Corona-V (European Soc Hypertension Corona-V), *The corona-virus disease 2019 pandemic compromised routine care for hypertension: a survey conducted among excellence centers of the European Society of Hypertension*, Jan 2021, JOURNAL OF HYPERTENSION 39 (1), pp.190-195, Article (IF 4.726)
23. Pop, C., Fronea, O.F.G., Pop, L., (...), Pop, D., **Dorobanțu, M.**, *High-normal blood pressure and related cardiovascular risk factors prevalence in the Romanian adult population: insights from the SEPHAR III study*, JOURNAL OF HUMAN HYPERTENSION, 2021, 35(10), pp. 884-895, (IF 3.8)
24. Tabea K. Kirschbaum; Michaela Theilmann, MA; Nikkil Sudharsanan, PhD; Jennifer Manne-Goehler, MD; Julia M. Lemp, MSc; Jan-Walter De Neve, ScD; Maja E. Marcus, MA; Cara Ebert, PhD; Simiao Chen, ScD; Krishna K. Aryal, PhD; Silver K. Bahendeka,

- PhD; Bolormaa Norov, MSc; Albertino Damasceno, PhD; **Maria Dorobanțu**, FESC; Farshad Farzadfar, MD; Nima Fattahi, MD; Mongal S. Gurung, PhD; David Guwatudde, PhD; Demetre Labadarios, MBChB; Nuno Lunet, PhD; Elham Rayzan, MD; Sahar Saeedi Moghaddam, MSc; Jacqui Webster, PhD; Justine I. Davies, MD (Res); Rifat Atun, MBBS; Sebastian Vollmer, PhD; Till Bärnighausen, MD; Lindsay M. Jaacks, PhD; Pascal Geldsetzer, ScD, *Targeting Hypertension Screening in Lowand Middle-Income Countries: A Cross Sectional Analysis of 1.2 Million Adults in 56 Countries*, J Am Heart Assoc. 2021;10:e021063. DOI: 10.1161/JAHA.121.021063
25. Felix Teufel\*, (...), **Maria Dorobanțu**, Jennifer Manne-Goehler *Body-mass index and diabetes risk in 57 low-income and middle-income countries: a cross-sectional study of nationally representative, individual-level data in 685616 adults*, THE LANCET 2021, July 17; 398: 238-48, (IF 77.237)
26. Group author details NCD Risk Factor Collaboration (NCD-RisC), Group author details NCD Risk Factor Collaboration (NCD-RisC) Maria LC Iurilli: Imperial College London, London, United Kingdom; **Maria Dorobanțu**: Carol Davila University of Medicine and Pharmacy, Bucharest, Romania, *Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight*, ELIFE 2021;10:e60060 DOI: 10.7554/eLife.60060 (IF 8.176)
27. Miruna Mihaela Micheu 1,\* Nicoleta-Monica Popa-Fotea 1, 2\*, Nicoleta Oprescu 1, Stefan Bogdan 1,2, Monica Dan 1, Alexandru Deaconu 1, 2, Lucian Dorobantu 1, 3, Oana Gheorghe-Fronea 1, 2, Maria Greavu 3, Corneliu Iorgulescu 1, Alexandru Scafa-Udriste 1,2, Razvan Ticulescu 3, Radu Gabriel Vatasescu 1, 2 and **Maria Dorobanțu** 1, 2, *Yield of Rare Variants Detected by Targeted Next-Generation Sequencing in a Cohort of Romanian Index Patients with Hypertrophic Cardiomyopathy*, DIAGNOSTICS 2020, 10, 1061; doi:10.3390/diagnostics10121061 [www.mdpi.com/journal/diagnostics](http://www.mdpi.com/journal/diagnostics), (IF 2.360)
28. P. Ponikowski, B.A. Kirwan, S.D. Anker, T. McDonagh, **Maria Dorobanțu** at al on behalf of the AFFIRM-AHF investigators† *Ferric carboxymaltose for iron deficiency at discharge after acute heart failure: a multicentre, double-blind, randomised, controlled trial*, THE LANCET, volume 396, Issue 10266, 12 December 2020, pp. 1895-1904 (IF 60.392)
29. Rodriguez-Martinez, A.; Zhou, B.; Sophiea, M.K.; Bentham, J.; (...); **Maria Dorobanțu**, (...), *Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants*, LANCET, volume 396, issue 10261, pp. 1511-1524, published: NOV 7 2020 (IF 59.345)
30. Miguel Camafort-Babkowski 1, Akintunde Adeseye 2, Antonio Coca 1, Albertino Damasceno 3, Giovanni De Simone 4, **Maria Dorobanțu** 5, Pardeep S. Jhund 6, Kazuomi Kario 7, Takahiro Komori 7, Hae young Lee 8, Patricio López-Jaramillo 9, Okechukwu Ogah 10, Sandosh Padmanabahn 6, Domingo A. Pascual-Figal 11, Wook Bum Pyun 12, Nicolás Federico Renna 13, Weimar Kunz Sebba Barroso 14, Osiris Valdez-Tiburcio 15, Fernando Stuardo Wyss-Quintana 16, *The Global Ambulatory*

**Blood Pressure Monitoring (ABPM) in Heart Failure with Preserved Ejection Fraction (HFpEF) Registry. Rationale, design and objectives**, JOURNAL OF HUMAN HYPERTENSION <https://doi.org/10.1038/s41371-020-00446-8>, published: on line 25 November 2020 (IF 2.314)

31. Jean-Philippe Collet, Holger Thiele, Emanuele Barbato, Olivier Barthélémy, Johann Bauersachs, Deepak L. Bhatt, Paul Dendale, **Maria Dorobanțu**, Thor Edvardsen, Thierry Folliguet, (...), **2020 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation The Task Force for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation of the European Society of Cardiology (ESC)**, European Heart Journal (2020) 00, 179 doi:10.1093/eurheartj/ehaa575, EUROPEAN HEART JOURNAL (2020) 00, 179 ESC, published: 29 August 2020, (IF 22.162)
32. Viola Vaccarino, Lina Badimon, J Douglas Bremner, Edina Cenko, Judit Cubedo, **Maria Dorobanțu**, Dirk J Duncker, Akos Koller, Olivia Manfrini, Davor Milicic, et al - **Depression and coronary heart disease: 2018 position paper of the ESC working group on coronary pathophysiology and microcirculation**, EUROPEAN HEART JOURNAL (2020) 41, 1687–1696 ESC REPORT doi:10.1093/eurheartj/ehy913 (IF 22.162)
33. Nicoleta-Monica Popa-Fotea 1,2, Cosmin Cojocaru 1, Alexandru Scafa-Udriste 1,2, Miruna Mihaela Micheu 1\* and **Maria Dorobanțu** 1,2, **The Multifaced Perspectives of Genetic Testing in Pediatric Cardiomyopathies and Channelopathies**, J. Clin. Med. 2020, 9(7), 2111; <https://doi.org/10.3390/jcm9072111>(registering DOI), JOURNAL OF CLINICAL MEDICINE (IF 3.303)
34. Taddei, C. (Taddei, Cristina)<sup>[1]</sup>; Zhou, B. (Zhou, Bin)<sup>[1]</sup>; Bixby, H. (Bixby, Honor)<sup>[1]</sup>; Carrillo-Larco, R.M. (Carrillo-Larco, Rodrigo M.)<sup>[1]</sup>; Danaei, G. (Danaei Goodarz)<sup>[2]</sup>; Jackson, R. (Jackson, Rod)<sup>[151]</sup>; Dorobanțu, M. (Dorobanțu, Maria)<sup>[152]</sup>; **Repositioning of the global epicentre of non-optimal cholesterol**, NATURE, volume 582, issue 7810, pages 73-+, DOI: 10.1038/s41586-020-2338-1, published: JUN 4 2020 (IF 46.486)
35. Peter R. Sinnaeve 1\*, Gregory G. Schwartz 2, Daniel M. Wojdyla 3, Marco Alings 4, Deepak L. Bhatt 5, Vera A. Bittner 6, Chern-En Chiang 7, Roger M. Correa Flores 8, Rafael Diaz 9, **Maria Dorobanțu** 10, Shaun G. Goodman 11,12, J. Wouter Jukema 13, Yong-Un Kim 14, Robert Pordy 15, Matthew T. Roe 3, Rody G. Sy 16, Michael Szarek 17, Harvey D. White 18, Andreas M. Zeiher 19, and Ph. Gabriel Steg 20,21; **for the ODYSSEY OUTCOMES Investigators-Effect of alirocumab on cardiovascular outcomes after acute coronary syndromes according to age: an ODYSSEYOUTCOMES trial analysis**, European Heart Journal (2020) 41, 2248–2258, CLINICAL RESEARCH doi:10.1093/eurheartj/ehz809 (IF 22.162)
36. Jacqueline A. Seigle, Maja-Emilia Marcus, Cara Ebert, Nikolaos Prodromidis, Pascal Geldsetzer, Michaela Theilmann, Kokou Agoudavi, Glennis Andall-Brereton, Krishna K. Aryal, Brice Wilfried Bicaba, Pascal Bovet, Garry Brian, **Maria Dorobanțu**, Gladwell Gathecha, Mongal Singh Gurung, David Guwatudde, Mohamed Msaidié, Corine Houehanou, Dismand Houinato, Jutta Mari Adelin Jorgensen, Gibson B. Kagaruki, Khem B. Karki, Demetre Labadarios, Joao S. Martins, Mary T. Mayige, Roy Wong McClure, Joseph Kibachio Mwangi, Omar Mwalim, Bolormaa Norov, Sarah Quesnel-

- Crooks, Bahendeka K. Silver, Lela Sturua, Lindiwe Tsabedze, Chea Stanford Wesseh, Andrew Stokes, Rifat Atun, Justine I. Davies, Sebastian Vollmer, Till W. Bärnighausen, Lindsay M. Jaacks, James B. Meigs, Deborah J. Wexler, Jennifer Manne-Goehler, *Diabetes Prevalence and Its Relationship With Education, Wealth, and BMI in Twenty-Nine Low- and Middle*, DIABETES CARE, volume 43, issue 4, pp. 767-775, DOI: 10.2337/dc19-1782, published: APR 2020, (IF 13.054)
37. Nicoleta-Monica Popa-Fotea (MD)<sup>a,b</sup>, Miruna Mihaela Micheu (MD, PhD)<sup>a,\*</sup>, Sebastian Onciul (MD)<sup>a,b</sup>, Diana Zamfir (MD, PhD)<sup>a</sup>, **Maria Dorobanțu** (MD, PhD)<sup>a,b</sup>, *Combined right and left ventricular mechanical dispersion enhance the arrhythmic risk stratification in hypertrophic cardiomyopathy*, Journal of Cardiology, 76 (2020), 364–370, (IF 2.183)
38. Bittner, VA<sup>[1]</sup>; (...); **Dorobanțu, M.**<sup>[70]</sup> et al, Group Author(s): ODYSSEY OUTCOMES Comm, *Effect of Alirocumab on Lipoprotein(a) and Cardiovascular Risk After Acute Coronary Syndrome*, JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, volume 75, issue 2, pp. 133-144, DOI: 10.1016/j.jacc.2019.10.057, published: JAN 21 2020 (IF 20.589)
39. **Maria Dorobanțu\***, Nicoleta-Monica Popa-Fotea, *Controversies in Hypertension Potential benefits and harms of various arterial hypertension guidelines*, International Journal of Cardiology Hypertension, 7 (2020), 100047, <https://doi.org/10.1016/j.ijchy.2020.100047>
40. NCD Risk Factor Collaboration (NCD-RisC): Honor Bixby, James Bentham, (...), **Maria Dorobanțu**, Ahmad Reza Dorosty etc., *Rising rural body-mass index is the main driver of the global obesity epidemic in adults*, NCD Risk Factor Collaboration (NCD-RisC)\*, Letter RESEARCH, 260, NATURE, vol. 569, 9 May 2019 (factor de impact 44.959)
41. **M. Dorobanțu**, O. Gheorghe Fronea, *Stratégie thérapeutique non conventionnelle pour le contrôle des valeurs de la pression artérielle chez les hypertendus - 01/12/19, Non-conventional therapeutic strategy for optimal blood pressure control in hypertensive patients*, Doi:0.1016/j.banm.2019.03.026, BULLETIN DE L'ACADÉMIE NATIONALE DE MÉDECINE, vol. 203 - N° 8-9, pp. 688-696, Novembre 2019
42. Piotr Ponikowski, Bridget-Anne Kirwan, Stefan D. Anker, **Maria Dorobanțu**, Jarosław Drozd, Vincent Fabien, Gerasimos Filippatos, Teba Haboubi, Andre Keren, Irakli Khintibidze, (...), *Rationale and design of the AFFIRM-AHF trial: a randomised, double-blind, placebo-controlled trial comparing the effect of intravenous ferric carboxymaltose on hospitalisations and mortality in iron-deficient patients admitted for acute heart failure*, First published: EUROPEAN JOURNAL OF HEART FAILURE (2019) 21, pp.1651-1658, STUDY DESIGN doi:10.1002/ejhf.1710 28, December 2019, <https://doi.org/10.1002/ejhf.1710>
43. Beaney, T.<sup>[1, 2]</sup>; Burrell, L.M.<sup>[3]</sup>; Pavali, A.; **Dorobanțu, M.**; Konradi, A.O.; et al, *MMM Investigators May Measurement Month 2018: a pragmatic global screening campaign to raise awareness of blood pressure by the International Society of Hypertension* (vol. 40, pp. 2006, 2019), EUROPEAN HEART JOURNAL, volume 40, issue 37, pp. 3109-3109, DOI: 10.1093/eurheartj/ehz373, published: OCT 1 2019

44. Jukema, J.W.<sup>[1]</sup>; (...); Dorobanțu, M.<sup>[66, 878]</sup>; (...), *Alirocumab in Patients With Polyvascular Disease and Recent Acute Coronary Syndrome ODYSSEY OUTCOMES Trial*, Group Author(s): ODYSSEY OUTCOMES Comm Investigator, View Web of Science Researcher ID and ORCID, JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, volume 74, issue 9, pp. 1167-1176, DOI: 10.1016/j.jacc.2019.03.013, published: SEP 3 2019, (factor de impact 19.068)
45. Szarek, M.<sup>[1]</sup>; White, H.D.<sup>[2,66,1420]</sup>; (...); Dorobanțu, M.<sup>[72, 884]</sup>; (...), *Alirocumab Reduces Total Nonfatal Cardiovascular and Fatal Events*, The ODYSSEY OUTCOMES Trial, Group Author(s): ODYSSEY OUTCOMES Comm Investigator, View Web of Science ResearcherID and ORCID, JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, volume 73, issue 4, pp. 387-396, DOI: 10.1016/j.jacc.2018.10.039, published: FEB 5 2019 (factor de impact 19.068)
46. Kausik K. Ray, Helen M. Colhoun, Michael Szarek, (...) ,Maria Dorobanțu, *Effects of alirocumab on cardiovascular and metabolic outcomes after acute coronary syndrome in patients with or without diabetes: a prespecified analysis of the ODYSSEY*, 2019/8/1, Jurnal The Lancet Diabetes & Endocrinology, volumul 7, numărul 8, pp. 618-628, Editor Elsevier (factor de impact 24.540)
47. White, H.D.<sup>[1]</sup>; Steg, P.G.<sup>[2,3]</sup>; Dorobanțu, M.<sup>[70, 882]</sup>; (...), Group Author(s): ODYSSEY OUTCOMES Investigators, *Effects of alirocumab on types of myocardial infarction: insights from the ODYSSEY OUTCOMES trial*, View Web of Science ResearcherID and ORCID, EUROPEAN HEART JOURNAL, volume 40, issue 33, pp. 2801-2809, DOI: 10.1093/eurheartj/ehz299, published: SEP 1 2019 (factor de impact 24.889)
48. Beaney, T.<sup>[1,2]</sup>; Dorobanțu, M.; (...), *May Measurement Month 2018: a pragmatic global screening campaign to raise awareness of blood pressure by the International Society of Hypertension*, Group Author(s): MMM Investigators, View Web of Science ResearcherID and ORCID, EUROPEAN HEART JOURNAL, volume 40, issue 25, pp. 2006-2017, DOI: 10.1093/eurheartj/ehz300, published: JUL 1 2019
49. Steg, P.G.<sup>[1,2]</sup>; Dorobanțu, M.<sup>[66, 878]</sup>; (...), *Effect of Alirocumab on Mortality After Acute Coronary Syndromes An Analysis of the ODYSSEY OUTCOMES Randomized Clinical Trial*, Group Author(s): ODYSSEY OUTCOMES Comm, View Web of Science ResearcherID and ORCID, CIRCULATION, volume 140, issue 2, pp. 103-112, DOI: 10.1161/CIRCULATIONAHA.118.038840, published: JUL 9 2019
50. Viola Vaccarino, Lina Badimon, J. Douglas Bremner, Edina Cenko, Judit Cubedo, Maria Dorobanțu, Dirk J. Duncker, Akos Koller, Olivia Manfrini, Davor Milicic, (...), *Depression and coronary heart disease: 2018 ESC position paper of the working group of coronary pathophysiology and microcirculation developed under the auspices of the ESC Committee for Practice Guidelines*, European Heart Journal, 28 January 2019 (factor de impact 23.425)
51. Marco Metra, John R. Teerlink, (...), Maria Dorobanțu et al, *y Effects of Serelaxin in Patients with Acute Heart Failure*, 2019/8/22, New England Journal of Medicine, volumul 381, no. 8, pp. 716-726 (factor de impact 70,67)

52. Geldsetzer, P.<sup>[1]</sup>; (...); **Dorobanțu, M.**<sup>[32]</sup>; et al, *The state of hypertension care in 44 low-income and middle-income countries: a cross-sectional study of nationally representative individual-level data from 1.1 million adults*, LANCET, volume 394, issue 10199, pp. 652-662, published: AUG 24 2019, (factor de impact **59.102**)
53. Petre, I.<sup>[1,2]</sup>; Onciul, S.<sup>[1,2]</sup>; Iancovici, S.<sup>[1]</sup>; Zamfir, D.<sup>[1]</sup>; Stoian, M.<sup>[1]</sup>; Scarlatescu, A.<sup>[1]</sup>; Diaconeasa, A.<sup>[1,3]</sup>; Acatrinei, C.<sup>[1]</sup>; **Dorobanțu, M.**<sup>[1,2]</sup>, *Left Atrial Strain for Predicting Atrial Fibrillation Onset in Hypertensive Patients*, HIGH BLOOD PRESSURE & CARDIOVASCULAR PREVENTION, volume 26, issue 4, pp. 331-337, AUG 2019
54. Ilinca, C.<sup>[1]</sup>; Preda, M.<sup>[1]</sup>; Matei, S.<sup>[2]</sup>; Cutler, S.J.<sup>[1,3]</sup>; Tautu, O.<sup>[4]</sup>; Dorobanțu, M.<sup>[4]</sup>, *Predictors of Perceived Salt Intake and Actual Salt Intake in Romania Implications for public policy*, REVISTA DE CHIMIE, volume 70, issue 10, pp. 3622-3626, published: OCT 2019 (factor de impact **1.605**)
55. Popa-Fotea, N.M.<sup>[1]</sup>; Micheu, M.M.<sup>[1]</sup>; Bataila, V.<sup>[1]</sup>; Scafa-Udriste, A.<sup>[1,2]</sup>; Dorobanțu, L.<sup>[3]</sup>; Scarlatescu, A.I.<sup>[1]</sup>; Zamfir, D.<sup>[1]</sup>; Stoian, M.<sup>[1]</sup>; Onciul, S.<sup>[1,2]</sup>; **Dorobanțu, M.**<sup>[1,2]</sup>, *Exploring the Continuum of Hypertrophic Cardiomyopathy-From DNA to Clinical Expression*, View Web of Science ResearcherID and ORCID, MEDICINA-LITHUANIA, volume 55, issue 6, DOI: 10.3390/medicina55060299, published: JUN 2019, Review (factor de impact **1.467**)
56. *2018 ESC/ESH Guidelines for the management of arterial hypertension*, European Heart Journal, volume 39, issue 33, 1 September 2018, pp. 3021–3104, <https://doi.org/10.1093/eurheartj/ehy339>, published: 25 August 2018 (factor de impact **20.213**)
57. **Dorobanțu, M.**; Tautu, O.F.; Dimulescu, D.; Sinescu, C.; Gusbeth-Tatomir, Arsenescu-Georgescu, C.; Mitu, F.; Lighezan, D.; Pop, C.; Babes, K.; (...), *Perspectives on hypertension's prevalence, treatment and control in a high cardiovascular risk East European country: data from the SEPHAR III survey*, JOURNAL OF HYPERTENSION, volume 36, issue 3, pp. 690-700, DOI: 10.1097/HJH.0000000000001572, MAR 2018 (IF **4.085**)
58. Ezzati, M.<sup>[1]</sup>; Bentham, J.<sup>[2,3]</sup>; Di Cesare, M.<sup>[4]</sup>; Bilano, V.<sup>[3]</sup>; Bixby, H.<sup>[3]</sup>; Zhou, B.<sup>[3]</sup>; Stevens, G.A.<sup>[5]</sup>; Riley, L.M.<sup>[5]</sup>; Taddei, C.<sup>[3]</sup>; Hajifathalian, K.<sup>[6]</sup>; **Dorobanțu M.**, (...), Group Author(s): NCD-RisC, *Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults*, LANCET, volume 390, issue 10113, pp. 2627-2642, DOI: 10.1016/S0140-6736(17)32129-3, DEC 16 2017, (factor de impact **41.1**)
59. **Dorobanțu, M.**, Darabont, R., Ghiorghe, S., Arsenescu-Georgescu, C., Macarie, C., Mitu, F., Lighezan, D., Musetescu, R., Pop, C., Ardeleanu, (...), *Hypertension prevalence and control in Romania at a seven-year interval. Comparison of SEPHAR I and II surveys*, JOURNAL OF HYPERTENSION, volume: 32, issue 1, pp. 39-47, JAN 2014 (factor de impact **3,8**)
60. **Maria Dorobanțu**, Oana-Florentina Tautu, Ana Fruntelata, Lucian Calmac, Gabriel Tatu-Chitoiu, Vlad Bataila, Doina Dimulescu, Elvira Craiu, Tiberiu Nanea, Albert Istvan,

- Katalin Babes<sup>7</sup>, Cezar Macarie, Constantin Militaru, Edina Cenko, and Olivia Manfrini *Hypertension and acute coronary syndromes in Romania: data from the ISACS-TC registry*, EUROPEAN HEART JOURNAL SUPPLEMENTS (2014), 16 (supplement A), A20-A27 doi:10.1093/eurheartj/sut006, (**impact factor 14.097**)
61. Teerlink J.R., Cotter G., Davison B.A., Felker G.M., Filippatos G., Greenberg B.H., Ponikowski P., Unemori E., Voors A.A., Adams K.F. Jr., **Dorobanțu M.**, Grinfeld L.R., Jondeau G., Marmor A., Masip J., Pang P.S., Werdan K., Teichman S.L., Trapani A., Bush C.A., Saini R., Schumacher C., Severin T.M., Metra M., *Serelaxin, recombinant human relaxin-2, for treatment of acute heart failure (RELAX-AHF): a randomised, placebo-controlled trial*”, RELAXin in Acute Heart Failure (RELAX-AHF) Investigators, THE LANCET, volume 381, issue 9860, pp. 29-39, 5 January 2013, (**impact factor 39.060**)
62. Maggioni A.P., Greene S.J., Fonarow G.C., Böhm M., Zannad F., Solomon S.D., Lewis E.F., Baschiera F., Hua T.A., Gimpelewicz C.R., Lesogor A., Gheorghide M., (...), **Dorobantu M.** et al., *Effect of aliskiren on post-discharge outcomes among diabetic and non-diabetic patients hospitalized for heart failure: insights from the ASTRONAUT trial*, EUR HEART J., 2013 Oct, 34(40):3117-27, DOI: 10.1093/eurheartj/eh342. Epub 2013 Sep 2, (**impact factor 14.097**)
63. **Maria Dorobanțu**, Roxana Oana Darabont, Elisabeta Badila and Silviu Ghiorghe *Prevalence, awareness, treatment, and control of hypertension in Romania. Results of the SEPHAR Study*, INTERNATIONAL JOURNAL OF HYPERTENSION, volume 2010 (2010), article ID 970694, 6 pages, DOI:10.4061/2010/970694, (**impact factor 3.806**)
64. Jessica L. Mega, MD; David A. Morrow, MD, MPH, FACC; Erika Ostor, MD; **Maria Dorobanțu**, MD, PhD, FACC; Frank Jiang, MD, PhD; Jie Qin, MS; Elliott M. Antman, MD, FACC, *Enoxaparin vs Unfractionated Heparin in Women Undergoing Fibrinolysis for ST-Elevation Myocardial Infarction in ExTRACT-TIMI 25*, CIRCULATION, volume 115, nr. 22, June 5, 2007, pp. 2822-2828, (**impact factor 15.202**)
65. Cornelia Bala, Oana Gheorghe-Fronea, Dana Pop, Calin Pop, Bogdan Caloian, Horatiu Comsa, Corina Bozan, Claudia Matei, and **Maria Dorobanțu**, *The Association Between Six Surrogate Insulin Resistance Indexes and Hypertension: A Population-Based Study*, published online: 29 Apr. 2019, <https://doi.org/10.1089/met.2018.0122>, and Metabolic Syndrome and Related Disorders, (**FI 1.844**)
66. Ștefania Matei, Stephen J. Cutler, Marian Preda, **Maria Dorobanțu**, Corina Ilinca, Oana Gheorghe-Fronea, Luminița Rădulescu, Nicoleta Oprescu, Alexandru Deaconu, Corina Zorilă, Bogdan Dorobanțu, *The Relationship Between Psychosocial Status and Hypertensive Condition*, *Ed Springer*, Current Hypertension Reports (2018) 20:102, <https://doi.org/10.1007/s11906-018-0902> (**impact factor 3.234**)
67. Miruna Mihaela Micheu 1, Nicoleta M. Popa-Potea 1, Nicoleta Oprescu 1, **Maria Dorobanțu** 1,2, Attila Cristian Ratiu 3, Alexandru Al. Ecovoiu 3, *NGS data validated by Sanger sequencing reveal a puzzling small deletion of MYBPC3 gene associated with hypertrophic cardiomyopathy*, ROMANIAN BIOTECHNOLOGICAL LETTERS, volume 24, issue 1, pp. 91-99, DOI: 10.25083/rbl/24.1/91.99, published: JAN-FEB 2019 (**impact factor 0.321**)

68. Jennifer Manne-Goehler ID1\*, Pascal Geldsetzer ID2, Kokou Agoudavi 3, Glennis AndallBrereton ID4, Krishna K. Aryal ID5, Brice Wilfried Bicaba 6 , Pascal Bovet ID7,8, Garry Brian ID9, **Maria Dorobanțu** 10, Gladwell Gathecha 11, Mongal Singh Gurung ID12, David Guwatudde 13, Mohamed Msaidie 14, Corine Houehanou 15, Dismand Houinato 15, Jutta Mari Adelin Jorgensen 16, Gibson B. Kagaruki 17, Khem B. Karki 5, Demetre Labadarios 18, Joao S. Martins 19, Mary T. Mayige ID17, Roy Wong McClure 20, Omar Mwalim 21, Joseph Kibachio Mwangi 11, Bolormaa Norov ID22, Sarah Quesnel-Crooks ID4 , Bahendeka K. Silver ID23, Lela Sturua 24, Lindiwe Tsabedze 25, Chea Stanford Wesseh 26, Andrew Stokes ID27, Maja Marcus ID28, Cara Ebert 28, Justine I. Davies ID29,30, Sebastian Vollmer 2,28, Rifat Atun ID2, Till W. Barnighausen ID2,31,32, Lindsay M. Jaacks ID2,33, *Health system performance for people with diabetes in 28 low- and middle-income countries: A cross-sectional study of nationally representative surveys*, PLOS Medicine, <https://doi.org/10.1371/journal.pmed.1002751>, March 1 2019 (**impact factor 11.675**)
69. Patricia Nicola, Elena Ardeleanu, Carmen Gadau, **Maria Dorobanțu**, Roxana Darabont, Ioan Tilea, Andreea Varga, Roxana Folescu, Alexandra Simona Zamfir, Mihaela Boanca, Liliana Strat, Teim Baaj, Daniela Gurgus, *Evaluation of Biochemical and Clinical Parameters of Hypertension with Type 2 Diabetes Mellitus*, REVISTA DE CHIMIE 69 (9), 2402-2406, (**impact factor 1.412**)
70. Miruna Mihaela Micheu, Alina Ioana Scarlatescu, Alexandru Scafa-Udriste, **Maria Dorobanțu**, *The Winding Road of Cardiac Regeneration — Stem Cell Omics in the Spotlight*, Cells 2018, 7, 255; doi:10.3390/cells7120255, published: 7 December 2018 (**impact factor 4.829**)
71. Lucian Calmac, Vlad Bataila, Bogdan Dragoescu, Cosmin Mihai, Alexandru Scafa Udriste, **Maria Dorobanțu**, *Microvascular (dys) Function in stable Coronary Artery Disease: Cross Talk with Epicardial Segments*, Current Pharmaceutical Design, volume 24, number 25, 2018, pp. 2900-2905, <https://doi.org/10.2174/1381612824666180702113448> (**impact factor 2.757** )
72. Roxana Buzas, Oana-Florentina Tautu, **Maria Dorobanțu**, Vlad Ivan, Daniel Lighezan, *Serum uric acid and arterial hypertension-Data from Sephar III survey*, PLOS ONE <https://doi.org/10.1371/journal.pone.0199865> July 2, 2018 (**impact factor 2.766**)
73. Gianfranco Parati, Enrico Agabiti-Rosei, George L. Bakris, Grzegorz Bilo, Giovanna Branzi, Franco Cecchi, Marzena Chrostowska, Alejandro De la Sierra, Monica Domenech, **Maria Dorobanțu**, Thays Faria, Yong Huo, Bojan Jelaković, Thomas Kahan, Alexandra Konradi, Stéphane Laurent, Nanfang Li, Kushal Madan, Giuseppe Mancina, Richard J McManus, Pietro Amedeo Modesti, Juan Eugenio Ochoa, José Andrés Octavio, Stefano Omboni, Paolo Palatini, Jeong Bae Park, Dario Pellegrini, Sabine Perl, Cristian Podoleanu, Giacomo Pucci, Josep Redon, Nicolas Renna, Moo Yong Rhee, Enrique Rodilla Sala, Ramiro Sanchez, Roland Schmieder, Davide Soranna, George Stergiou, Milos Stojanovic, Konstantinos Tsioufis, Maria Grazia Valsecchi, Franco Veglio, Gabriel Dario Waisman, Ji Guang Wang, Paulina Wijnmaalen, Antonella Zambon, Alberto Zanchetti, Yuqing Zhang, *MASKed-unconTrolled hypERTension management based on office BP or on ambulatory blood pressure measurement (MASTER) Study: a randomised controlled trial protocol*, BMJ OPEN, volume 8, issue 12, article number: e021038, DOI: 10.1136/bmjopen-2017-021038, published: DEC. 2018 (**impact factor 2.413**)

- 74. Dorobanțu, Maria, *Cardiovascular risk of the romanian adult population - data from Sephar III study*, BULLETIN DE L'ACADEMIE NATIONALE DE MEDECINE, volume 201, issue 7-9, pp. 1395-1408, published: SEP.-DEC. 2017 (impact factor 0.031)**
- 75. Dimitrie Siriopol, Adrian Covic, Radu Iliescu, Mehmet Kanbay, Oana Tautu, Luminita Radulescu, Ovidiu Mitu, Delia Salaru, Maria Dorobanțu, *Arterial stiffness mediates the effect of salt intake on systolic blood pressure*, J. Clin Hypertens, 2018; 1–8 DOI: 10.1111/jch.13399 (impact factor 2.629)**
- 76. Zhou, B. <sup>[1]</sup>; Bentham, J. <sup>[1,2]</sup>; Di Cesare, M. <sup>[3]</sup>; Bixby, H. <sup>[1]</sup>; Danaei, G. <sup>[4]</sup>; Hajifathalian, K. <sup>[5]</sup>; Taddei, C. <sup>[1]</sup>; Carrillo-Larco, R.M. <sup>[6]</sup>; Djalalinia, S. <sup>[7]</sup>; Khatibzadeh, S. <sup>[9]</sup>; (...); Dorobanțu, M. <sup>[132]</sup>; (...) Group Author(s): NCD Risk Factor Collaboration, *Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants*, INTERNATIONAL JOURNAL OF EPIDEMIOLOGY, volume 47, issue 3, pp. 872-+, DOI: 10.1093/ije/dyy016, published: JUN. 2018 (impact factor 10.177)**
- 77. Adina Elena Stanciu, Radu Gabriel Vatasescu, Marcel Marian Stanciu, Nafija Serdarevic, Maria Dorobanțu, *The role of pro-fibrotic biomarkers in paroxysmal and persistent atrial fibrillation*, CYTOKINE, volume 103, pp. 63-68, March 2018, (impact factor 3.488)**
- 78. Dorobanțu, M.; Popa-Fotea, N.M.; Popa, M.; Rusu, I.; Micheu, M.M., *Pursuing meaningful end-points for stem cell therapy assessment in ischemic cardiac disease*, WORLD JOURNAL OF STEM CELLS, volume 9, issue 12, pp. 203-218, DOI: 10.4252/wjsc.v9.i12.203, published: DEC. 26 2017, (impact factor 4.376)**
- 79. Miruna Mihaela Micheu and Maria Dorobanțu, *Fifteen years of bone marrow mononuclear cell therapy in acute myocardial infarction*, World J Stem Cells, 2017 Apr. 26; 9(4): 68-76, published online 2017 Apr. 26, DOI: 10.4252/wjsc.v9.i4.68, (impact factor 4.376)**
- 80. Lina Badimon, Raffaele Bugiardini, Edina Cenko, Judit Cubedo, Maria Dorobanțu, Dirk J Duncker, Ramón Estruch, Davor Milicic, Dimitris Tousoulis, Zorana Vasiljevic, Gemma Vilahur, Cor de Wit, Akos Koller, *Position paper of the European Society of Cardiology-working group of coronary pathophysiology and microcirculation: obesity and heart disease*, EUROPEAN HEART JOURNAL, volume 38, issue 25, pp. 1951-1958, DOI: 10.1093/eurheartj/ehx181, published: JUL. 1 2017 (impact factor 2016 – 20.2)**
- 81. Oana Tautu, Cornelia Bala, Dana Pop, Calin Pop, Bogdan Caloian, Horatiu Comsa, Corina Bozan, Claudia Matei, Maria Dorobanțu, *Ability of six affordable insulin resistance indexes to predict hypertension in general population: results of a cross-sectional epidemiological study*, Diabetes & Metabolism, 2017 (impact factor 4.101)**
- 82. Maria Dorobanțu, Stefan Bogdan, *Unfractionated heparin or low-molecular-weight heparin in the elderly*, INTERNATIONAL JOURNAL OF CARDIOLOGY, volume 222, 1 november 2016, pp. 1084-1090, Article (doi: 10.1016/j.ijcard.2016.07.208. published: 2016 Aug. 2 (impact factor 6.189)**

83. Edina Cenko, Beatrice Ricci, Sasko Kedev, Zorana Vasiljevic, **Maria Dorobanțu**, Olivija Gustiene, Božidarka Knežević, Davor Miličić, Mirza Dilic, Olivia Manfrini, Akos Koller, Lina Badimon, Raffaele Bugiardini, *Invasive versus conservative strategy in acute coronary syndromes: The paradox in women's outcomes*, INTERNATIONAL JOURNAL OF CARDIOLOGY, 2016 November 1, volume 222, pp. 1110-1115, DOI: 10.1016/j.ijcard.2016.07.211, published: 2016 Jul. 30 (**impact factor 6.189**)
84. Edina Cenko, Beatrice Ricci, Sasko Kedev, Oliver Kalpak, Lucian Călmăc, Zorana Vasiljevic, Božidarka Knežević, Mirza Dilic, Davor Miličić, Olivia Manfrini, Akos Koller, **Maria Dorobanțu**, Lina Badimon, Raffaele Bugiardini, *The no-reflow phenomenon in the young and in the elderly*, INT. J. CARDIOL., November 1, 2016, volume 222, pp. 1122-1128, DOI: 10.1016/j.ijcard.2016.07.209. Epub 2016 Aug. 2, (**impact factor 6.189**)
85. Ricci B., Manfrini O., Cenko E., Vasiljevic Z., **Dorobanțu M.**, Kedev S, Davidovic G, Zdravkovic M, Gustiene O, Knežević B, Miličić D1, Badimon L1, Bugiardini R., *Primary percutaneous coronary intervention in octogenarians*, INT. J. CARDIOL., November 1, 2016, volume 222, pp. 1129-1135, DOI: 10.1016/j.ijcard.2016.07.204, published: 2016 Aug. 2 (**impact factor 6.189**)
86. **Maria Dorobanțu**, Sebastian Onciul, Ona Florentina Tautu, Edina Cenko *Hypertension and Ischemic Heart disease in Women*, CURRENT PHARMACEUTICAL DESIGN, Bentham Science, vol. 22, nr. 25, 2016 (**impact factor 2.611**)
87. Manfrini, O., Ricci, B., Cenko, E., **Dorobanțu, M.**, Kalpak, O., Kedev, S. et al *Association between comorbidities and absence of chest pain in acute coronary syndrome with in-hospital outcome*, Group Author(s): ISACS-TC Investigators, INTERNATIONAL JOURNAL OF CARDIOLOGY, volume 217, supplement S, pp. S37-S43, published: AUG. 2016, (**impact factor 6.189**)
88. Bugiardini, R.; Cenko, E. ; Ricci, B.; Vasiljevic, Z., **Dorobanțu, M.**; Kedev, S; Vavlukis, M; Kalpak, O; Puddu, PE; Gustiene, O.; (...), *Comparison of Early Versus Delayed Oral beta Blockers in Acute Coronary Syndromes and Effect on Outcomes*, AMERICAN JOURNAL OF CARDIOLOGY, volume 117, issue 5, pp. 760-767, DOI: 10.1016/j.amjcard.2015.11.059, published: MAR. 1 2016 (**impact factor 3.398**)
89. Alon Eisen, Christian T. Ruff, Eugene Braunwald, Francesco Nordio, Ramón Corbalán, Anthony Dalby, **Maria Dorobanțu**, Michele Mercuri, Hans Lanz, Howard Rutman, Stephen D. Wiviott, Elliott M. Antman, Robert P. Giugliano, *Sudden Cardiac Death in Patients With Atrial Fibrillation: Insights From the ENGAGE AF-TIMI 48 Trial*, Journal of the American Heart Association, 2016; originally published July 8, 2016 (**IF 4.425**)
90. Edina Cenko 1, Beatrice Ricci 1, Sasko Kedev 2, Zorana Vasiljevic 3, **Maria Dorobanțu 4,5**, Olivija Gustiene 6, Božidarka Knežević 7, Davor Miličić 8, Mirza Dilic 9, Dijana Trninic 10, Fraser Smith 11, Olivia Manfrini 1, Lina Badimon 12 and Raffaele Bugiardini\*, *Reperfusion therapy for ST-elevation acute myocardial infarction in Eastern Europe: the ISACS-TC registry*, European Heart Journal, Quality of Care and Clinical Outcomes (2016) 2, 45-51, DOI:10.1093/ehjqcco/qcv025 (**impact factor 15.203**)

91. Jan Pitha, Ivana Králová Lesná, Jaroslav A. Hubáček, Alena Sekerková, Věra Lánská, Věra Adámková, **Maria Dorobanțu**, Rodica Nicolescu, Robert Steiner, Vedrana Ivić, Attila Borbely, Zoltan Papp, Sandor G. Vari, *Smoking impairs and circulating stem cells favour the protective effect of the T allele of the connexin37 gene in ischemic heart disease*—A multinational study DOI: <http://dx.doi.org/10.1016/J.ATHEROSCLEROSIS>, 2015.11.007 volume 244, January 2016 (**impact factor 4.239**)
92. Axel R. Pries, Lina Badimon, Raffaele Bugiardini, Paolo G. Camici, **Maria Dorobanțu**, Dirk J. Duncker, Javier Escaned, Akos Koller, Jan J. Piek, Cor de Wit, *Coronary vascular regulation, remodelling, and collateralization: mechanisms and clinical implications on behalf of the working group on coronary pathophysiology and microcirculation*, EUROPEAN HEART JOURNAL, 36(45), 3134-3146, June 2015, The Oxford University Press, DOI: <http://dx.doi.org/10.1093/eurheartj/ehv1003134-3146/25>, (**impact factor 15.203**)
93. Raffaele Bugiardini, **Maria Dorobanțu**, Zorana Vasiljevic, Sasko Kedev, Božidarka, Knežević, Davor Miličić, Lucian Calmac, Dijana Trninic, Irfan Daullxhiu, Edina Cenko, Beatrice Ricci, Paolo Emilio Puddu, Olivia Manfrini, Akos Koller, Lina Badimon: *Unfractionated Heparin- Clopidogrel Combination in ST-Elevation Myocardial Infarction not Receiving Reperfusion Therapy*, ATHEROSCLEROSIS, volume 241, issue 1, July 01 2015, pp. 151-156, DOI: 10.1016/j.atherosclerosis.2015.04.794, (**impact factor 3.971**)
94. **Maria Dorobanțu**, Oana-Florentina Tautu, Roxana Darabont, Silviu Ghiorghe, Elisabeta Badila, Minca Dana, Minodora Dobreanu, Ilarie Baila, Marcin Rutkowski, Tomasz Zdrojewski, *Objectives and methodology of Romanian SEPHAR II Survey. Project for comparing the prevalence and control of cardiovascular risk factors in two East-European countries: Romania and Poland*, ARCH MED SCI 4, August / 2015, volume 11 issue 4, pp. 715-723, published 2015 (**impact factor 2.030**)
95. Roxana Darabont, Oana-Florentina Tautu Md, Dana Pop Md, Ana Fruntelata, Alexandru Deaconu, Sebastian Onciul, Delia Salaru, Adolf Micoara, **Maria Dorobanțu**, *Visit-to-Visit Blood Pressure Variability and Arterial Stiffness Independently Predict Cardiovascular Risk Category In General Population. Results from SEPHAR II Study*, HELLENIC JOURNAL OF CARDIOLOGY, volume 56, issue 3, 1 May 2015, pp. 208-216 (**impact factor 1.227**)
96. Tautu, O.; Chirila, S.; **Dorobanțu, M.**, D.04: *Young Patients With Acute St-Elevated Myocardial Infarction: How Stiff Are Their Arteries?*, JOURNAL OF HYPERTENSION volume 33, Suppl.1, pages e29, DOI:10.1097/01.hjh.0000467425.34312.ce, published: 2015-Jun., (**IF 4.437**)
97. Tautu, O.; Darabont, R.; Onciul, S.; Deaconu, A.; Petre, I.; Andrei, R. D.; Dragoescu, B.; **Dorobanțu, M.**, 7C.05: *Predictors Of Increased Arterial Stiffness In Hypertensive Patients*, JOURNAL OF HYPERTENSION, volume 33, suppl. 1, pp. e97, DOI:10.1097/01.hjh.0000467612.53977.2b, published:2015-Jun., (**impact factor 4.437**)
98. **Maria Dorobanțu**, Lucian Călmâc, Andrada Bogdan, Vlad Bătăilă, Bogdan Drăgoescu, Andrei Radu, Mugur Marinescu, Șerban Arvanitopol, Gabriel Tatu-Chițoiu, Rodica Nicolescu, *Particularities in coronary revascularization in elderly patients presenting*

with *ST segment elevation acute myocardial infarction (STEMI)*, COR ET VASA 56 (2014) e342-e347, available online at [www.sciencedirect.com](http://www.sciencedirect.com)

- 99. Maria Dorobanțu**, Oana-Florentina Tautu, Roxana Buzas, Daniel Lighezan, *Serum Uric Acid In Primary Hypertension: Cause Or Consequence? Data From Sephar II Survey*, Hypertonia & Nephrologia, 2014
- 100. Olivia Manfrini, Maria Dorobanțu**, Zorana Vasiljevic, Sashko Kedev, Božidarka Knežević, Davor Milčić, Mirza Dilic, Dijana Trninić, Irfan Daullxhiu, Olivija Gustiene, Beatrice Ricci, Irene Martelli, Edina Cenko, Akos Koller, Lina Badimon, and Raffaele Bugiardini, *Acute coronary syndrome in octogenarian patients: results from the international registry of acute coronary syndromes in transitional countries (ISACS-TC) registry*, EUROPEAN HEART JOURNAL SUPPLEMENTS (2014), 16 (Supplement A), A87–A94, DOI:10.1093/eurheartj (**impact factor 14.097**)
- 101. Bugiardini, R. Badimon, L., Manfrini, O., Boytsov, S. Božidarka, K., Daullxhiu, I., Dilic, M., Dorobanțu, M., Erglis, A., Gafarov, V.<sup>c</sup>, et al**, *Perspectives: Rationale and design of the ISACS-TC (International Survey of Acute Coronary Syndromes in Transitional Countries) project* (Review), EUROPEAN HEART JOURNAL SUPPLEMENTS, volume 16, issue SUPPL.A, January 2014, pp. A1-A6, (**impact factor 14.097**)
- 102. Alberto Zanchetti, Lisheng Liu, Giuseppe Mancina<sup>a</sup>, Gianfranco Parati<sup>a,e</sup>, Guido Grassi<sup>a,f</sup>, Marco Stramba-Badiale<sup>a</sup>, Vincenzo Silani<sup>a,b</sup>, Grzegorz Bilo<sup>a</sup>, Giovanni Corrao<sup>e</sup>, Antonella Zamboni<sup>c</sup>, Xinhua Zhang<sup>d</sup>, Hayyan Wang<sup>d</sup>, Yuqing Zhang<sup>c,d</sup>, Xuezhong Zhang<sup>c,d</sup>, Ting Rui Guan<sup>d</sup>, Eivind Berge<sup>g</sup>, Josep Redon<sup>h</sup>, Krzysztof Narkiewicz<sup>i</sup>, Anna Dominiczak<sup>j</sup>, Peter Nilsson<sup>k</sup>, Margus Viigimaa<sup>l</sup>, Stephen Laurent<sup>m</sup>, Enrico Agabiti-Rosei<sup>n</sup>, Zhaosu Wu<sup>o</sup>, Dingliang Zhu<sup>p</sup>; José Luis Rodicio<sup>q</sup>, Luis Miguel Ruilope<sup>r</sup>, Nieves Martell<sup>s</sup>; Fernando Pinto<sup>t</sup>, Roland E. Schmieder<sup>u</sup>, Michel Burnier<sup>v</sup>, Maciej Banach<sup>w</sup>, Renata Cifkova<sup>x</sup>, Csaba Farsang<sup>y</sup>, Alexandra Konradi<sup>z</sup>, Irina Lazareva<sup>aa</sup>, Yuri Sirenko<sup>ab</sup>, **Maria Dorobanțu<sup>ac</sup>**, Arman Postadzhiyan<sup>ad</sup>, Rok Accetto<sup>ae</sup>, Bojan Jelakovic<sup>af</sup>, Dragan Lovic<sup>ag</sup>, Athanasios J. Manolis<sup>ah</sup>, Philippos Stylianou<sup>ai</sup>, Serap Erdine<sup>aj</sup>, Dror Dicker<sup>ak</sup>, Gangzhi Wei<sup>al</sup>, Chengbin Xu<sup>am</sup>, Hengge Xie<sup>an</sup>, Antonio Coca<sup>ao</sup>, John O'Brien<sup>ap</sup>, Gary Ford<sup>aq</sup>, *Blood Pressure and LDL-Cholesterol Lowering for Prevention of Strokes and Cognitive Decline. Review of Available Trial Evidence*, JOURNAL OF HYPERTENSION, september 2014 - Volume 32 - Issue 9 - p 1741-1750, ISSN: 0263-6352, eISSN: 1473-5598, (**impact factor 4.222**)**
- 103. Alberto Zanchetti, Lisheng Liu, Giuseppe Mancina, Gianfranco Parati, Guido Grassi, Marco Stramba-Badiale, Vincenzo Silani, Grzegorz Bilo<sup>a</sup>, Giovanni Corrao<sup>e</sup>, Antonella Zamboni, Xinhua Zhang, Hayyan Wang, Yuqing Zhang, Xuezhong Zhang, Ting Rui Guan, Eivind Berge, Josep Redon<sup>h</sup>, Krzysztof Narkiewicz, Anna Dominiczak, Peter Nilsson, Margus Viigimaa, Stephen Laurent, Enrico Agabiti-Rosei, Zhaosu Wu<sup>o</sup>, Dingliang Zhu<sup>p</sup>; José Luis Rodicio<sup>q</sup>, Luis Miguel Ruilope<sup>r</sup>, Nieves Martell<sup>s</sup>; Fernando Pinto<sup>t</sup>, Roland E. Schmieder, Michel Burnier, Maciej Banach, Renata Cifkova, Csaba Farsang<sup>y</sup>, Alexandra Konradi<sup>z</sup>, Irina Lazareva<sup>aa</sup>, Yuri Sirenko<sup>ab</sup>, **Maria Dorobanțu**, Arman Postadzhiyan<sup>ad</sup>, Rok Accetto<sup>ae</sup>, Bojan Jelakovic<sup>af</sup>, Dragan Lovic<sup>ag</sup>, Athanasios J. Manolis<sup>ah</sup>, Philippos Stylianou<sup>ai</sup>, Serap Erdine<sup>aj</sup>, Dror Dicker<sup>ak</sup>, Gangzhi Wei<sup>al</sup>, Chengbin Xu<sup>am</sup>, Hengge Xie<sup>an</sup>, Antonio Coca<sup>ao</sup>, John O'Brien<sup>ap</sup>, Gary Ford<sup>aq</sup>, *Blood Pressure and LDL-Cholesterol Targets for Prevention of Recurrent Strokes and Cognitive Decline in***

- the Hypertensive Patient. Design of the European Society of Hypertension-Chinese Hypertension League Stroke in Hypertension on Optimal Treatment (ESH-CHL-SHOT) Randomized Trial*, JH-D-14-00077R1, JOURNAL OF HYPERTENSION, volume 32, issue 9, pp. 1888-1897 published: MAR. 2016, (impact factor 4.22)
104. Micheu, M.M.; Scafa-Udriste, A.; **Dorobanțu, M.**, *Bringing cardiac stem cell therapy from bench to bedside: lessons from the past and future perspectives*, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, volume 57, issue 2, pp. 367-372, published 2016 (impact factor 0.744)
105. Metra M., Cotter G., Davison B.A., Felker G.M., Filippatos G., Greenberg B.H., Ponikowski P., Unemori E., Voors A.A., Adams K.F. Jr., **Dorobanțu M.**, Grinfeld L., Jondeau G., Marmor A., Masip J., Pang P.S., Werdan K., Prescott M.F., Edwards C., Teichman S.L., Trapani A., Bush C.A., Saini R., Schumacher C., Severin T., *Effect of serelaxin on cardiac, renal, and hepatic biomarkers in the Relaxin in Acute Heart Failure (RELAX-AHF) development program: correlation with outcomes*, J AM COLL CARDIOL, Teerlink JR; RELAX-AHF Investigators, vol. 61, no. 2/2013, 196-206 (impact factor 14.086)
106. Viigimaa, M., Talvik, A.; Wojciechowska, W.; Kawecka-Jaszcz, K. (; Toft, I. (Toft, I.); Stergiou, G.S.; Nasothimiou, E.G.; Kotsis, V.; Rosei, E.A.; Salvetti, M.; **Dorobanțu, M.**; Martell-Claros, N.; Abad-Cardiel, M.; Hernandez-Hernandez, R.; Domenech, M.; Coca, A., *Identification of the hemodynamic modulators and hemodynamic status in uncontrolled hypertensive patients*, BLOOD PRESSURE, volume 22, issue 6, pp. 362-370, DOI: 10.3109/08037051.2013.782900, published: DEC 2013 (IDF 1.787)
107. **Maria Dorobanțu**, Radu Vatasescu, *Oral anticoagulation during atrial fibrillation ablation: Facts and controversies*, COR ET VASA, April 2013, vol 55, issue 2, pp.101-106
108. Hamon M., Niculescu R., Deleanu D., **Dorobanțu M.**, Weissman N.J., Waksman R., *Clinical and angiographic experience with a third-generation drug-eluting Orsiro stent in the treatment of single de novo coronary artery lesions (BIOFLOW-I): a prospective, first-in-man study*, EUROINTERVENTION, volume 8, issue 9, pp. 1006-1011 (impact factor 3.173)
109. Adina Elena Stanciu, Radu Gabriel Vatasescu, Marcel Marian Stanciu, Corneliu Iorgulescu, Alexandra Ioana Vasile, **Maria Dorobanțu**, *Cardiac resynchronization therapy in patients with chronic heart failure is associated with anti-inflammatory and anti-remodeling effects*, CLINICAL BIOCHEMISTRY, 46 (2013), 230-234, issue 3 (impact factor 2.450)
110. Viola Vaccarino, Lina Badion, Roberto Coti, Cor de Wit, **Maria Dorobanțu**, Olivia Manfrini, Akos Koller, Axel Pries, Edina Cenko and Raffaele Bugiardini, *Presentation, management and outcomes of ischemic heart disease in women*, NATURE REVIEW CARDIOLOGY, 2013, vol. 10, issue 9, pp. 508-518 (impact factor 10.4)
111. Viola Vaccarino, Lina Badimon, Roberto Corti, Cor de Wit, **Maria Dorobanțu**, Alistair Hall, Akos Koller, Maria Marzilli, Axel Pries and Raffaele Bugiardini, *Ischaemic*

- Heart disease in women: are there sex differences in pathophysiology and risk factors?**, **CARDIOVASCULAR RESEARCH** 2011, 90, 9-17 (impact factor 5.940)
112. Stephen G. Ellis, Michal Tendera, Mark A. de Belder, (...), **Maria Dorobanțu**, (...), Elliot S. Barnathan, Eric J. Topol, **Facilitated PCI in Patients with ST-Elevation Myocardial Infarction (FINESSE)**, **NEW ENGLAND JOURNAL OF MEDICINE (NEJM)**, 2008, vol. 358, nr. 2, pp. 2205-2217 (impact factor 51.658)
113. Ovidiu Chioncel, Dragos Vinereanu, MD, Mihai Datcu, MD, Dan Dominic Ionescu, Radu Capalneau, Ioan Brukner, **Maria Dorobanțu**, Andrew Ambrosy, Cezar Macarie, and Mihai Gheorghiade, **The Romanian Acute Heart Failure Syndromes (RO-AHFS) Registry**, **AMERICAN HEART JOURNAL**, 2011, volume 162, number 1, pp. 142-153, (impact factor 4.497)
114. **Maria Dorobanțu**, G. Tatu-Chițoiu, M. Cintează, D. Vinereanu, C. Ginghină, MVintilă, A. Nechita, C. Sinescu, A. Fruntelată, **La Thrombolyse. Registre roumain de Bucarest. (Titre court : Thrombolyse à Bucarest)**, **ARCHIVES DES MALADIES DU CŒUR ET DES VAISSEAUX**, tome 98, nr. 11, november 2005, pp. 1166-1170 (impact factor 1.662)
115. **Maria Dorobanțu**, Ana-Gabriela Fruntelata **Acute Coronary Syndromes: Recent Developments, Healthcare Bulletin, European Cardiovascular Disease**, **CLINICAL INSIGHT AND PRACTICE**, SPRING EDITION 2009, pp. 8-11
116. Gabriel Tatu-Chitoiu, Mircea Cinteza, **Maria Dorobanțu**, Mariana Udeanu, Olivia Manfrini, Carmine Pizzi, Marius Vintila, Dominic D. Ionescu, Elvira Craiu, Daniel Burghina, Raffaele Bugiardini, **In hospital case fatality rates for acute myocardial infarction in Romania**, **CMAJ** (Canadian Medical Association or its licensors), June 9 2009, vol. 18, nr. 12, pp. 1207-1213, (impact factor 6.465)
117. A. Georgescu, F. Pluteanu, M. L. Flonta, E. Badila, **M. Dorobanțu**, **Nebivolol Induces a Hyperpolarizing Effect on Smooth Muscle Cells in the Mouse Renal Artery by Activation of Beta -2- Adrenoceptors**, **PHARMACOLOGY** 2008; 81;110-117 (impact factor 1.603)
118. Gabriel Tatu-Chițoiu, **Maria Dorobanțu**, Cristina Teodorescu, Elvira Craiu, Marius Vintilă, Bogdan Minescu, Daniel Burghină, Sorin Stamate, Luminița Serban, Tudor Protopopescu, Monica Dan, Petre Căpraru, Manuela Guran, Oana Istrătescu, Mircea Vlădoianu, Nicoleta Caea, **Accelerated streptokinase in ST-elevation myocardial infarction – a romanian (ASK-ROMANIA) multicenter registry**, **INTERNATIONAL JOURNAL OF CARDIOLOGY**, vol. 122/2007, issue 3, pp. 216-223 (impact factor 5.509)
119. Adriana Georgescu, Florentina Pluteanu, Maria-Luisa Flonta, Elisabeta Badila, **Maria Dorobanțu**, Doina Popov, **Protective effects of nebivolol and reversal of endothelial dysfunction in diabetes associated with hypertension**, **EUROPEAN JOURNAL OF PHARMACOLOGY**, vol. 570, 2007, pp.149-158 (impact factor 2.592)
120. Mega, J.L.; Morrow, D.A.; Ostor, E.; **Dorobanțu, M.**; Qin, J.; Antman, E.M.; Braunwald, E., **Outcomes and optimal antithrombotic therapy in women undergoing**

- fibrinolysis for ST-elevation myocardial infarction*, CIRCULATION, volume 115, issue 22, pp. 2822-2828, DOI: 10.1161/CIRCULATIONAHA.106.679548, published: JUN. 5 (impact factor 17.14)
121. Ferrari, R.; Chiariello, M.; Nicolosi, G.L.; Remme, W.J.; Tavazzi, L.; Rapezzi, C.; Scherillo, M.; (...); **Dorobanțu, M.** et al., *Effects of angiotensin-converting enzyme inhibition with perindopril on left ventricular remodeling and clinical outcome - Results of the randomized Perindopril and Remodeling in Elderly with Acute Myocardial Infarction (PREAMI) study*, ARCHIVES OF INTERNAL MEDICINE, volume 166, issue 6, pp. 659-666, Published: MAR 27 2006, Accession Number: WOS:000236284100011 (IF- 13.098)
122. Adriana Georgescu, Florentina Pluteanu, Maria-Luisa Flonta, Elisabeta Badila, **Maria Dorobanțu**, Doina Popov\*, *The cellular mechanisms involved in vasodilator effect of nebivolol on renal artery*, EUROPEAN JOURNAL OF PHARMACOLOGY, 508 (2005), 159-166 (impact factor 2.592)
123. **Maria Dorobanțu**, Ana Fruntelata, Dana Constantinescu, Ileana Racoveanu, Carmen Ardeleanu, Gabriel Tatu-Chitoiu, Ileana Cristina Lazar, *Primary left heart malignant fibrous histiocytoma*, EUR. J. ECHOCARDIOGRAPHY (2005), 225-227 (impact factor 2.394)
124. **Dorobanțu, M.**; Tatu-Chitoiu, G.; Cinteza, M.; Vinereanu, D.; Ginghina, C. ; Vintila, M.; Nechita, A.; Sinescu, C. ; Fruntelata, A., *Thrombolysis*, ARCHIVES DES MALADIES DU COEUR ET DES VAISSEAUX, volume 98, issue 11, pp. 1166-1170, published: NOV 2005 (IF 0.34)
125. Serban Balanescu, Alexandru Dan Corlan, **Maria Dorobanțu**, Leonida Gherasim, *Prognostic value of heart rate variability after acute myocardial infarction*, MED.SCI. MONT, volume 10, issue 7, pp. CR307-CR315, published: JUL 2004 (impact factor 1.574)
126. Gabriel Tatu-Chitoiu, Cristina Teodorescu, P. Capraru, Manuela Guran, Oana Istratescu, Monica Dan, Alexandrina Tatu-Chitoiu, Aurelia Bumbu, Valentin Chioncel, **Maria Dorobanțu**, *Accelerated streptokinase and enoxaparine in ST-segment elevation acute myocardial infarction (the ASENEX study)*, KARDIOL. POL. 60, 441-445, 2004 (cited in Antman E et al, ACC/AHA Practice Guidelines for Management of STEMI, Circulation, ref. 71, 2004).
127. Hossein Pournajafi, Yasushi Tanaka, **Maria Dorobanțu**, Kozo Hashimoto, *Modulation of corticotrophin-releasing hormone receptor type 2 mRNA expression by CRH deficiency or stress in the mouse heart*, ELSEVIER, REGULATORY PEPTIDES 115, 131-138, 2003 (IF 1.919)
128. G. Tatu-Chitoiu, Cristina Teodorescu, Monica Dan, P. Capraru, Manuela Guran, Oana Istratescu, Alexandrina Tatu-Chitoiu, Aurelia Bumbu, **Maria Dorobanțu**, *Efficacy and safety of a new streptokinase regimen with Enoxaparine in acute Myocardial infarction-* JOURNAL OF THROMBOSIS AND THROMBOLYSIS, 15(3), pp.171-179, 2003 (IF 2.119)

- 129. Maria Dorobanțu, J. P. Bounhoure, *Calcium Antagonists and Ventricular Filling*, ARCHIVES DES MALADIES DU CŒUR ET DES VAISSEAUX., 85, 11:1579-1587, 1992 (IF0.34)**
- 130. M. Galinier, S. Balanescu, J. Fourcade, M. Dorobanțu, J.P. Albenque, P. Massabuau, J.P. Doazan, J.M. Fauvel, J.P. Bounhoure, *Prognostic Value of Arrhythmogenic Markers in Systemic Hypertension*, EUR. HEART J.,8, 9:1484-1491, 1997 (IF 18.219)**
- 131. M. Galinier, S. Balanescu, J. Fourcade, M. Dorobanțu, P. Massabuau, B. Dongay, P. Cabrol, J.M. Fauvel, J.P. Bounhoure, *Prognostic value of ventricular arrhythmias in hypertensive patient*, ARCHIVES DES MALADIES DU CŒUR ET DES VAISSEAUX 90, 8:1049-1053, 1997 (IF 0.34)**
- 132. Maria Dorobanțu, M. Galinier, *Ventricular arrhythmias in hypertension*, Hypertension, vol. 39, pp. 26-32, 1997 (IF 4.437)**
- 133. S. Balanescu, J. Fourcade, M. Dorobanțu, J. P. Alenque, J. M. Fauvel, J. P. Bounhoure, *Correlations Between QT Dispersion and Ventricular Arrhythmias in Arterial Hypertension*, ARCH. MAL. COEUR, 89:987-990, 1996 (IF- 0.34)**
- 134. Balanescu, S.; Galinier, M.; Fourcade, J.; Dorobanțu, M.; Albenque, J.P.; Massabuau, P.; Fauvel, J.M.; Bounhoure, J.P., *The QT dispersion is correlated with the severity of ventricular arrhythmias in systemic hypertension*, ARCHIVES DES MALADIES DU COEUR ET DES VAISSEAUX, volume 89, issue 8, pp. 987-990, published: AUG. 1996 (Times Cited in Web of Science Core Collection:7) (IF 0.34)**
- 135. Dorobanțu, M.; Galinier, M.; Bounhoure, J.P., *Ventricular arrhythmias and hypertension*, ANNALES DE CARDIOLOGIE ET D'ANGEOLOGIE, volume 45, issue 5, pp. 291-295, published: MAY 1996 (IF 0.31)**
- 136. M. Galinier, S. Balanescu, J. Fourcade, M. Dorobanțu, S. Boveda, P. Massabuau, P. Cabrol, B. Dongay, J.M. Fauvel, J.P. Bounhoure, *Prognostic value of ventricular arrhythmias in systemic hypertension*, J. HYPERTENS. 15(12 Pt 2):1779-83, Dec. 1997, (IF 4.437)**
- 137. Maria Dorobanțu, M. Galinier, J. P. Bounhoure, *Ventricular Arrhythmias and Arterial Hypertension*, ANN. CARDIOL., 45 (5), pp. 249-255, 1996., (IF 0.31)**
- 138. M. Dorobanțu, M. Galinier, *Ventricular Arrhythmias in Systemic Hypertension*, ACT. MED. INT., 6:116-119, 1996**
- 139. Maria Dorobanțu, D. Dimulescu, M. Cinteza, I. Nedelcu, D. Iosifescu, D. Vinereanu, L. Gherasim, *Severe coronary manifestations during systemic vasculitis in a young woman*, ACTUALITES D'ANGEOLOG. PATHOLOG. VASCUL., XIX, 7/8:135-137, 1994**

## Articole publicate în reviste indexate în baza de date pub med (selecție)

1. Vlad Bataila, Lucian Calmac, Alexandru Scafa Udriste, Diana Stanciulescu, **Maria Dorobanțu**, *Optimizing anticoagulant therapy in primary PCI for STEMI – time matters?* Romanian Journal of Cardiology, vol. 30, no. 2, 2020
2. Nicoleta-Monica Popa-Fotea (MD)<sup>a,b</sup>, Miruna Mihaela Micheu (MD, PhD)<sup>a,\*</sup>, Sebastian Onciul (MD)<sup>a,b</sup>, Diana Zamfir (MD, PhD)<sup>a</sup>, **Maria Dorobanțu** (MD, PhD)<sup>a,b</sup>, *Combined right and left ventricular mechanical dispersion enhance the arrhythmic risk stratification in hypertrophic cardiomyopathy*, JOURNAL OF CARDIOLOGY 76 (2020), 364–370, (IF 2.183)
3. Radu-Gabriel Vatasescu, Alexandra Vasile, Corneliu Iorgulescu, Dana Constantinescu, Cristina Caldararu, Dragos Cozma, **Maria Dorobanțu**, *Left ventricle radial contraction pattern is altered by right ventricular pacing in patients with heart failure and baseline intraventricular dyssynchrony*, 2018/9/1, Romanian Journal of Cardiology, volumul 28 numărul 3
4. Miruna Mihaela Micheu, Oana-Maria Udrea, Mihaela Octavia , Iulia Rusu, Oana Gheorghe-Fronea Alexandru Scafa-Udriste<sup>1,3</sup>, **Maria Dorobanțu**, *The Attitude of Patients from a Romanian Tertiary Cardiology Center as Regards Participation in Biomarker-Based Clinical Trials – Survey Methodology*, Journal of Medicine and Life, vol. 11, issue 4, October-December 2018, pp. 320-327
5. Oana-Florentina Gheorghe-Fronea, Bogdan Dorobantu, Corina Ilinca, Stefania Matei, Marian Preda, **Maria Dorobanțu**, *Statistical Model for Prediction of Future Trend in Hypertensive Disease in Adult Poplotion of Romania*, Romanian Statistical Review 2018/7/1, nr. 3
6. Ioana Petre, Silvia Iancovici, Sebastian Onciul, Oana Florentina Tautu, Alexandrina Nastasa, **Maria Dorobanțu**, *Left atrial function-novel ecocardiographic markers for detecting atrial fibrillation in hypertensives*, 2018/9/1, Romanian Journal of Cardiology, volumul 28, numărul 3
7. A.E. Vijiic, A.G. Nestoruc, S. Iancovici, S. Onciul, **M. Dorobanțu**, *Left atrial mural septic metastasis complicated by endogenous endophthalmitis*, 2018/9/1, Romanian Journal of Cardiology, volumul 28, numărul 3
8. Zamfir, Diana; Pitic, Daniela; Tamasescu, Georgiana et al. *Prognostic Value Of Right Ventricular Function Assessed By Echocardiography In Patients Presenting With a First Acute ST Elevation Myocardial Infarction Treated By Primary PCI*, MEDICAL-SURGICAL JOURNAL-REVISTA MEDICO-CHIRURGICALĂ, volume 120, issue 4, pp. 824-833 published: 2016
9. Nicoleta Oprescu, Miruna M. Micheu, Alina I. Scarlatescu, Gabriela Nicula, **Maria Dorobanțu**, *Assessment of myocardial perfusion with contrast enhanced echocardiography and other imagistic techniques*, Romanian Journal of Cardiology 27 (3), 2017

10. Hostalek U, Koch EMW, Dalea A and **Dorobanțu M.**, *Fixed Dose Combination (FDC) of Bisoprolol and Amlodipine in Daily Clinical Practice in Romania: Adherence and Acceptance*, EC Cardiology 3.5 (2017), 196-204, received: July 21, 2017, published: August 16, 2017
11. Vlad Bataila, Aura Vijiiac, Lucian Calmac, **Maria Dorobanțu**, *Coronary physiology in the catheterization laboratory*, Romanian Journal of Cardiology, vol. 27, no. 4, 2017
12. Badila, E.<sup>[1,2]</sup>; Dan, G.A.<sup>[1,4]</sup>, *Pulmonary thromboembolism in an emergency hospital: Are our patients different?*, ROMANIAN JOURNAL OF INTERNAL MEDICINE, volume 55, issue 4, pp. 237-244, DOI: 10.1515/rjim-2017-0026, published: DEC 2017
13. Miruna Mihaela Micheu, Nicoleta Oprescu, Alina Ioana Scărlătescu, Lucian Călmăc, Daniela Pitic, **Maria Dorobanțu**, *TRANSTEM pilot study - design, safety and results 6 months after autologous bone marrow stem cell transplant in patients with acute myocardial infarction and impaired left ventricular function*, JOURNAL OF TRANSLATIONAL MEDICINE AND RESEARCH, volum 20, nr. 4/2015, pp. 215-221
14. Miruna Mihaela Micheu, Oana-Maria Udrea, Nicoleta Oprescu, Alina Ioana Scarlatescu, Daniela Pitic, Lucian Calmac, **Maria Dorobanțu**, *The Psychological and Compliance Factors can Modulate the Outcome of STEMI Patients Treated by Stem Cell Therapy - A Pilot Study*, INTERNATIONAL JOURNAL OF CLINICAL CARDIOLOGY 2015, 2:059
15. **Maria Dorobanțu**, S. Onciul, Roxana Darabont, Oana Tautu, S. Ghiorghe, Maria Vasilescu, I. Manitiu, C. Pop, D. Lighezan, E. Apetrei, *Arterial Hypertension Epidemiology: Romania among the Balkan Countries – Data from SEPHAR Surveys*, MEDICINA MODERNĂ, vol. 21, no. 1:10-16, 2014
16. Sebastian Onciul, **Maria Dorobanțu**, *Sulodexidul în tratamentul bolii venoase cronice*, MEDICINA INTERNĂ, Nr.3/2013, pp. 69-79
17. Bogdan S.<sup>1</sup>, Seferian A., Totoescu A., Dumitrache-Rujinski S., Ceausu M., Coman C., Ardelean C.M., **Dorobanțu M.**, Bogdan M., *Sildenafil Reduces Inflammation and Prevents Pulmonary Arterial Remodeling of the Monocrotaline - induced Disease in the Wistar Rats*, MAEDICA (Buchar). 2012 Jun; 7(2):109-16
18. Roxana ONUT, Serban BALANESCU, Dana CONSTANTINESCU, Lucian CALMAC, Mugur MARINESCU, **Maria DOROBANȚU**, *Imaging Atherosclerosis by Carotid Intima-media Thickness in vivo: How to, Where and in Whom?*, MAEDICA A JOURNAL OF CLINICAL MEDICINE, volume 7, no.2 2012, pp. 153-162.
19. Miruna Micheu, Alexandrina Burlacu, **Maria Dorobanțu**, *Diferențierea spontană a celulelor stem mezenchimale umane*, REVISTA MEDICINA MODERNĂ, volum XIX, Nr. 4/2012, pp. 178-181
20. **Maria Dorobanțu**, Roxana Darabont, S. Ghiorghe, K. Babes, Dana Pop, Daciana Toma, Maria Vasilescu, Minodora Dobreanu, Oana Tăutu, *Profile of the Romanian Hypertensive Patient Data from SEPHAR II Study*, ROMANIAN JOURNAL OF INTERNAL MEDICINE, 04/2012, 285-295

21. **Dorobanțu M.**, Darabont R., Ghiorghe S., Babes K., Pop D., Toma D., Vasilescu M., Dobreanu M., Tăutu O., *Profile of the Romanian hypertensive patient data from SEPHAR II study*, Rom. J. Intern. Med. 2012 Oct-Dec; 50(4):285-96 (**citari 1**)
22. Miruna Micheu, Nicoleta Oprescu, Lucian Călmăc, Diana Zamfir, Alexandru Scafa Udriște, **Maria Dorobanțu**, *Dinamica celulelor progenitoare endoteliale circulante în infarctul miocardic acut cu supradenivelare de segment ST tratat prin angioplastie primară*, REVISTA ROMÂNĂ DE MEDICINĂ INTERNĂ, volum IX, Nr. 5/2012, pp. 15-23
23. **Maria Dorobanțu**, Daniela Bartos, E. Apetrei, Catalina Georgescu Arsenescu, Dana Pop, S. Ghiorghe, Rodica Tanasescu, Elvira Craiu, I. Manitiu, Oana Florentina Tautu, *Hypertension in Romania: where we are and what can be done? Results from SEPHAR II study*, ROMANIA JOURNAL OF CARDIOLOGY, vol.22, no.4, 2012, pp.285-292
24. Serban Balanescu, Lucian Calmac, Dana Constantinescu, Mugur Marinescu, Roxana Onut, **Maria Dorobanțu**, *Systemic Inflammation and Early Atheroma Formation: Are They Related?*, MAEDICA, a Journal of Clinical Medicine, vol.5, Nr. 4/2010, pp. 292-301
25. **M. Dorobanțu**, Ana Fruntelata, Alexandru Scafa, Oana Florentina Tautu, *B type natriuretic peptide (BNP) and left ventricular (LV) function in patients with ST –segment eevation myocardia infarction (STEMI)*, MAEDICA, a Journal of Clinical Medicine,2010, vol. 5, nr. 4 pp. 243-249
26. Radu Vatasescu, Daniela Bartos, Robert Alexandru, Livian Capraru, **Maria Dorobanțu**, *Paroxysmal stress-induced atrial tachycardia as unusual cause of presyncope associated with paroxysmal fatigue and chest pain*, MAEDICA, a Journal of Clinical Medicine, Vol.4, No. 1/2009
27. Miruna Micheu, Nicoleta Oprescu, **Maria Dorobanțu**, *Determinarea cantitativă a celulelor progenitoare endoteliale circulante – un nou marker pentru dezvoltarea unui sindrom coronarian acut? (studiu pilot)*: MEDICINA INTERNĂ, nr. 5/2010, pp. 21-26
28. **Maria Dorobanțu**, Cristina Tîrziu, S. Ghiorghe, Elena Găinoiu, Diana Zamfir, *The Prevalence of Peripheral Arterial Disease in Relationship with Cardiovascular Risk Factors In Romania*, ROMANIAN JOURNAL OF INTERNAL MEDICINE, 2009, pp. 363-370
29. Miruna Micheu, **Maria Dorobanțu**, *Perpetuum mobile-în căutarea biomarkerului ideal. Stratificarea riscului cardiovascular-mereu în actualitate*, JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY-ROMANIA vol. 4, nr. 4, noiembrie 2009, 263-265
30. Alexandru Scafa Udriște, Miruna Chirea, Ana Fruntelata, Lucian Calmac, Rodica Niculescu, **Maria Dorobanțu**, *Profilul de risc al pacienților cu infarct miocardic acut cu supradenivelare de segment ST, tratați cu tromboliză sau angioplastie primară, nereperfuzați*, MEDICINA INTERNĂ, 2009, vol. VI, număr 1, pp. 9-17

31. **M. Dorobanțu**, E. Bădilă, S. Ghiorghe, R.O. Darabont, M. Olteanu, P. Flondor, *Total cardiovascular risk estimation in Romania. Data from the SEPHAR study*, ROM. J. INTERNAL MED., vol. 46, nr. 1/2008, pp.29-39 (PubMed - indexed for Medline)
32. Elisabeta Badila, **Maria Dorobanțu**, Daniela Bartos, *Ameliorarea funcției endoteliale la pacienții hipertensivi-posibil predictor al prognosticului pe termen lung*, REVISTA ROMÂNĂ DE CARDIOLOGIE, vol. XXIII, nr.4/2008, pp.298-304, cod CNCIS 379
33. D. Bartos, R. Lungu, E. Badila, A. Alexandrescu, S. Ghiorghe, **M. Dorobanțu**, *Defectul septal atrial tip sinus venos*, MEDICINA MODERNĂ, vol. XV, nr. 12 (dec. 2008), pp. 637-639
34. Monica Dan, Raluca Jumatate, S. Balanescu, Rodica Niculescu, Dana Constantinescu, Adriana Alexandrescu, Alexandra Vasile, Roxana Onut, G. Tatu-Chitoiu, **Maria Dorobanțu**, *Recuperarea frecvenței cardiace sub tratament cu beta blocant în testarea precoce de efort la pacienții cu infarct miocardic acut*, REVISTA ROMÂNĂ DE CARDIOLOGIE, vol. XXII, supliment A, 2007, pp. 192-193
35. Elisabeta Badila, Cristina Tarziu, Corneliu N. Iorgulescu, Maria Stefuriac, Daniela Bartos, **Maria Dorobanțu**, *Rolul bioimpedanței electrice torace în controlul hipertensiunii arteriale*, REVISTA ROMÂNĂ DE CARDIOLOGIE, vol. XXI, nr. 1/2006, pp. 13-20
36. **Maria Dorobanțu**, Roxana Darabont, Elisabeta Badila, Mihaela Luca, Georgeta Datcu, Rodica Avram, Mariana Radoi, Elvira Craiu, Rodica Musetescu, Calin Pop, Minerva Muraru, Imre Benedek, Marilena Banica, Ingrid Lambru, *Studiul SEPHAR – Studiul de prevalență a hipertensiunii arteriale și evaluare a riscului cardiovascular în România*, partea I – *Metodologie*, REVISTA ROMÂNĂ DE CARDIOLOGIE, vol. XXI, nr. 2/2006, pp. 89-96
37. **Maria Dorobanțu**, Elisabeta Badila, Roxana Darabont, Mihaela Luca, Georgeta Datcu, Rodica Avram, Mariana Radoi, Rodica Musetescu, Calin Pop, Ion Gheorgeh Petrovai, Ingrid Lambru, *Studiul SEPHAR – Studiul de prevalență a hipertensiunii arteriale și evaluare a riscului cardiovascular în România*, partea a II-a – *Rezultate*, REVISTA ROMÂNĂ DE CARDIOLOGIE, vol. XXI, nr. 3/2006, pp. 179-189
38. **Maria Dorobanțu**, Elisabeta Badila, Roxana Darabont, Mihaela Luca, Georgeta Datcu, Mariana Radoi, Rodica Avram, Rodica Musetescu, Elvira Craiu, Calin Pop, Imre Benedek, Ion. G. Petrovai, *Prevalența, Tratamentul și Controlul Hipertensiunii Arteriale în România – date din studiul SEPHAR (studiu de prevalență a hipertensiunii arteriale și evaluare a riscului cardiovascular în România)*, MEDICINA INTERNĂ, vol. IV, nr. 4/ 2006, pp. 9-18
39. Ana Fruntelata, Stefan Bogdan, Miruna Chiru, Irina Ilie, Traian Enache, Loredana Spanu, Lucian Calmac, Rodica Niculescu, **Maria Dorobanțu**, *Patternul angiografic al bolii coronariene la pacienții hipertensivi cu hipertrofie ventriculară stângă tip “Strain”pe ECG*, REVISTA ROMÂNĂ DE CARDIOLOGIE, vol. XX, nr.3/2005, pp. 193-198
40. **Maria Dorobanțu**, Elisabeta Badila, *Noi strategii terapeutice în hipertensiunea arterială conform ghidurilor actuale*, REVISTA ROMÂNĂ DE CARDIOLOGIE, vol. XX, nr.3/2005, pp. 226-232

41. Gabriel Tatu-Chitoiu, Cristina Teodorescu, Monica Dan, P. Capraru, Manuela Guran, Oana Istratescu, Alexandrina Tatu-Chitoiu, Aurelia Bumbu, **Maria Dorobanțu**, *Dublu bolus de 0,75 MU Streptokinaza plus Enoxaparina versus Alteplaza accelerată plus heparina nefracționată în IM cu supradenivelare de segment ST*, Rom. J. Intern Med., 41, 4, pp. 395-40, 2003
42. Serban Balanescu, Giuseppe Sangiorgi, Serenella Castelvecchio, **Maria Dorobanțu**, Luigi Inglese, *Studiu comparativ randomizat între Abciximab și Eptifibatide în angioplastia coronariană cu stent*, REVISTA DE ROMÂNĂ DE CARDIOLOGIE, vol. XV, nr. 2/2002
43. Oana Istratescu-Wolkowski, Cristina Teodorescu, Monica Dan, Manuela Guran, Dana Constantinescu, Petre Capraru, Gabriel Tatu-Chitoiu, **Maria Dorobanțu** (Cardiologie SCUB) și Georgiana Tache, Andreea Iilie (Dept. Recuperare Medicală SCUB), *Recuperarea cardiacă precoce post infarct miocardic acut*, REVISTA DE ROMÂNĂ DE CARDIOLOGIE, vol. XV, nr.1/2002
44. **Maria Dorobanțu**, *Ce este nou în hipertensiunea arterială cronică (I)*, MEDICINA MODERNĂ, vol. V, nr. 1-2/1999, pp. 600-607
45. **Maria Dorobanțu**, Daniela Bartos, *Hipertensiunea arterială esențială (II). Aspecte privind ischemia miocardică și impactul tratamentului hipertensiv*, MEDICINA MODERNĂ, vol. VI, nr. 12/1999, pp. 506-509
46. A. Fruntelata, **M. Dorobanțu**, L. Gherasim, A. G. Fraser, F. Musumeci, *Anevrismul aortic-particularități de diagnostic și tratament (Studiul clinic pe 22 de pacienți)*, REVISTA ROMÂNĂ DE CARDIOLOGIE, vol. VI, 1:60-68, 1996
47. **M. Dorobanțu**, L. Gherasim, E. Apetrei, A Corlan, S. Balanescu, V. Mihai, *Tratamentul hipertensiunii arteriale cu Isoptin RR 240. Studiu clinic pe 40 de pacienți*, REVISTA ROMÂNĂ DE CARDIOLOGIE, VI, 1:50-6C, 1996
48. D. Vinereanu, M. Cinteza, O. Bajenaru, G. Cerin, D. Iosifescu, **M. Dorobanțu**, D. Dimulescu, A. Corlan, I. Stamatiu, L. Gerasim, *Importanța ecocardiografiei bidimensionale, Doppler și de contrast în evaluarea pacienților cu accidente vasculare cerebrale ischemice*, REVISTA ROMÂNĂ DE CARDIOLOGIE, I:26-32, 1993
49. **M. Dorobanțu**, M. Galinier, M. J. Allibeli-Chemarin, F. Courbon, P. Massabuau, G. P. Bounhoure, *Efectele Nicardipinei administrate intravenos asupra funcției diastolice a ventriculului stâng la hipertensivi*, REVISTA ROMÂNĂ DE CARDIOLOGIE, 3,1:33-37, 1993
50. **M. Dorobanțu**, M. Cinteza, G. Cerin, D. Dimulescu, L. Gherasim, *Studiul neinvaziv asupra performanței cardiace la pacienții hipertensivi cu cardiopatie hipertensivă și ischemică*, REVISTA ROMÂNĂ DE CARDIOLOGIE, 2, I:29-33, 1992
51. L. Gherasim, G. Cerin, M. Cinteza, M. Bogdan, **M. Dorobanțu**, D. Dimulescu, *Angina postinfarct: incidența, importanța, prognostic*, MEDICINA INTERNĂ, 42, 2-7, 1990

52. M. Cinteza, G. Cerin, **M. Dorobanțu**, M. Bogdan, D. Dimulescu, C. Daian, D. Iosifescu, D. Potcovaru, L. Gherasim, *Spectrul etiologic al insuficienței mitrale; studiu retrospectiv pe 10 ani*, MEDICINA INTERNĂ, 42, 1:35-47, 1990
53. L. Gherasim, **M. Dorobanțu**, M. Cinteza, D. Dimulescu, M. Bogdan, A. Lupu, V. Parvu, *Labetalolul intravenos în tratamentul urgențelor hipertensive*, MEDICINA INTERNĂ, 38, 3:233-239, 1986
54. L. Gherasim, **M. Dorobanțu**, C. Tasca, D. Dimulescu, M. Cinteza, M. Bogdan, R. Popeia, *Corelații anatomo-clinice în pneumopatiile acute severe*, MEDICINA INTERNĂ, 37, 4:309-317, 1985
55. L. Gherasim, V. Parvu, **M. Dorobanțu**, M. Bogdan, R. Popeia, M. Vasilescu, *Medicamente coronarotrope cu acțiune vasodilatatoare generală în tratamentul infarctului acut de miocard*, MEDICINA INTERNĂ, 36, 5:385-396, 1984
56. Gherasim, M. Bogdan, G. Cerin, M. Cinteza, **M. Dorobanțu**, V. Parvu, R. Popeia *Amiodarona intravenos și tahicardiile supraventriculare – contraindicații sau eșec la tratament antiaritmie clasic*, MEDICINA INTERNĂ, 3, 2:159-172, 1981