



Portofoliu de 10 lucrări științifice relevante

Candidat: **Conf. Univ. Dr. Mureșan Adrian Vasile**

1. **Mureșan, A.V.;** Florea, E.; Arbănași, E.-M.; Bartus, R.; Arbănași, E.-M.; Ion, A.P.; Cordoș, B.A.; Halatiu, V.B.; Niculescu, R.; Stoian, A.; et al. Elevated Leukocyte Glucose Index Is Associated with Long-Term Arteriovenous Fistula Failure in Dialysis Patients. *J. Clin. Med.* **2024**, *13*, 2037. <https://doi.org/10.3390/jcm13072037>; **Q1, FI: 3.0**
2. **Mureșan, A.V.;** Arbănași, E.M.; Russu, E.; Kaller, R.; Ciucanu, C.C.; Ion, A.P.; Cordoș, A.B.; Harpa, M.; Arbănași, E.M. The Role of the Mechanical Characteristics and Microstructure of the Porcine Aortic Wall: Implications for Abdominal Aortic Aneurysm Rupture Risk. *Journal of Cardiovascular Emergencies*, **2024**, Sciendo, vol. 10 no. 1, pp. 13-19. <https://doi.org/10.2478/jce-2024-0007>; **Q4, FI: 0.6**
3. Arbănași, E.-M.; Russu, E.; Arbănași, E.-M.; Ciucanu, C.C.; **Mureșan, A.V.;** Suzuki, S.; Chirilă, T.V. Effect of Ultraviolet Radiation on the Enzymolytic and Biomechanical Profiles of Abdominal Aortic Adventitia Tissue. *J. Clin. Med.* **2024**, *13*, 633. <https://doi.org/10.3390/jcm13020633>; **Q1, FI: 3.0**
4. Russu, E.; Munteanu, A.-C.; Arbănași, E.-M.; Szanto, L.-A.; Bartus, R.; Florea, E.; Bandici, B.C.; Arbănași, E.-M.; Ion, A.P.; Cordoș, B.A.; Serac, G.; Ujlaki-Nagy, A.-A.; Ciucanu, C.C.; **Mureșan, A.V.** Out-Patient versus In-Patient Arteriovenous Fistula Creation for Dialysis: Assessing Cost-Effectiveness Alongside Clinical Implications. *Healthcare* **2024**, *12*, 1102. <https://doi.org/10.3390/healthcare12111102>; **Q2, FI: 2.4**
5. Russu E, Arbănași EM, Chirilă TV, **Mureșan AV.** Therapeutic strategies based on non-ionizing radiation to prevent venous neointimal hyperplasia: the relevance for stenosed arteriovenous fistula, and the role of vascular compliance. *Front Cardiovasc Med.* **2024** Feb 5;11. doi: 10.3389/fcvm.2024.1356671; **Q2, FI: 2.8**
6. Kaller, R.; Russu, E.; Arbănași, E.M.; **Mureșan, A.V.*;** Jakab, M.; Ciucanu, C.C.; Arbănași, E.M.; Suciu, B.A.; Hosu, I.; Demian, L.; et al. Intimal CD31-Positive Relative Surfaces Are Associated with Systemic Inflammatory Markers and Maturation of Arteriovenous Fistula in Dialysis Patients. *J. Clin. Med.* **2023**, *12*, 4419. <https://doi.org/10.3390/jcm12134419>; **Q1, FI: 3.0.**





7. **Mureșan, A.V.**; Tomac, A.; Opreș, D.R.; Bandici, B.C.; Coșarcă, C.M.; Covalcic, D.C.; Hălmăciu, I.; Akácsos-Szász, O.-Z.; Rădulescu, F.; Lázár, K.; et al. Inflammatory Markers Used as Predictors of Subclinical Atherosclerosis in Patients with Diabetic Polyneuropathy. *Life* **2023**, *13*, 1861. <https://doi.org/10.3390/life13091861>; **Q1**, **FI: 3.2**
8. Kaller, R.; Arbănași, E.M.; **Mureșan, A.V.** *; Voidăzan, S.; Arbănași, E.M.; Horváth, E.; Suci, B.A.; Hosu, I.; Halmăciu, I.; Brinzaniuc, K.; Russu, E. The Predictive Value of Systemic Inflammatory Markers, the Prognostic Nutritional Index, and Measured Vessels' Diameters in Arteriovenous Fistula Maturation Failure. *Life* **2022**, *12*, 1447. <https://doi.org/10.3390/life12091447>. ISSN: 2075-1729; **Q2**, **FI: 3.2**; * **Autor de corespondenta.**
9. Emil-Marian A, Reka K, **Vasile Adrian M** *, Septimiu V, Eliza-Mihaela A and Eliza R (2022) Impact of COVID-19 pandemic on Vascular Surgery Unit activity in Central Romania. *Front. Surg.* 9:883935. doi:10.3389/fsurg.2022.883935 ISSN: 2296-875X, **Q3**, **FI:1.8**. * **Autor de corespondenta.**
10. Cosarca, M. C., Horváth, E., Molnar, C., Molnár, G., Russu, E., **Mureșan, V. A.** "Calcification patterns in femoral and carotid atheromatous plaques: A comparative morphometric study". *Experimental and Therapeutic Medicine* 22, no. 2 (**2021**): 865; <https://doi.org/10.3892/etm.2021.10297> ISSN: 1792-1015; **Q3**, **FI: 2.751**.





Listă de lucrări

Candidat: **Conf. Univ. Dr. Mureșan Adrian Vasile**

1. Teza de doctorat

„REZECȚII MULTIVISCERALE IN NEOPLASMUL GASTRIC AVANSAT, NOI METODE DE DIAGNOSTIC SI TRATAMENT (CHEMOEMBOLIZARE)”, susținută în anul 2012.

Coordonat științific: **Prof. Univ. Dr. Anca Sin**

Universitatea de Medicina si Farmacie Târgu Mureș, Facultatea de Medicina

Diploma seria H/0015485

Calificativ „Foarte Bine”, *Ordinul Ministrului Educației, Cercetării, Tineretului si Sportului nr. 5743/12.09.2012*

2. Cărți de specialitate (44+59+5=108 p)

2.1. Cărți de specialitate apărute în edituri recunoscute CNCS-UEFISCDI – autor principal (de la ultima promovare) (24+20=44 p)

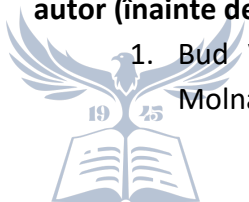
1. Russu Eliza, **Mureșan Adrian Vasile**, Arbănași Emil Marian, Bartus Réka, Ciucanu Constantin Claudiu. Clinical and Ultrasonographic Evaluation of the Arterial and Venous Systems. University Press Târgu Mureș, 2024, 120 pg. ISBN: 978-973-169-869-4. cod CNCS 210 (**2*120/10= 24 p**)
2. Russu Eliza, **Mureșan Adrian Vasile**, Bartus Réka, Arbănași Emil Marian, Szanto Ludovic Alexandru. Artériás És Vénás Betegségek Klinikai Megnyilvánulásai. University Press Târgu Mureș, 2024, 108 pg. ISBN: 978-973-169-836-6. cod CNCS 210 (**2*108/10= 20 p**)

2.2. Cărți de specialitate apărute în edituri recunoscute CNCS-UEFISCDI – autor principal (înainte de ultima promovare) (16+27+16=59 p)

1. **Mureșan Adrian Vasile**, Russu Eliza, Kaller Réka, Arbănași Emil Marian. Semiologie Arteriala si Venoasa. University Press Târgu Mureș, 2022, 81 pg. ISBN: 978-606-581-183-6. cod CNCS 210 (**2*81/10= 16 p**)
2. **Mureșan Adrian Vasile**, Russu Eliza, Coșarcă Mircea Cătălin, Argatu Eduard Costin. Prezentări de Cazuri Chirurgie Vasculara. University Press Târgu Mureș, 2022, 138 pg. ISBN: 978-606-581-184-3. cod CNCS 210 (**2*138/10= 27 p**)
3. Hălmăciu Ioana, Suci Bogdan Andrei, **Mureșan Vasile Adrian**. Semne radiologice utile în orientarea diagnosticului. University Press Târgu Mureș, 2022, 81 pg. ISBN: 978-606-581-178-2. Cod CNCS 210 (**2*81/10= 16 p**)

2.3. Cărți de specialitate apărute în edituri recunoscute CNCS-UEFISCDI – co-autor (înainte de ultima promovare) (5 p)

1. Bud Vasile, Copotoiu Constantin, Copotoiu Ruxandra, Gherghinescu Mircea, Molnar Călin, **Mureșan Adrian**, Nicolescu Cosmin, Panțiru Adrian, Popa Daniel,



Russu Cristian, Russu Eliza, Serac Gabriel, Strat Alexandru, Suciu Bogdan, Tudor Adrian, *Prezentări de cazuri chirurgicale pentru examene si concursuri*, Ed. University Press Târgu-Mureș, 2013, 427 pag. ISBN: 978-973-169-227-2, cod CNCS 210 (2*427/10/15= 5 p)

3. Articole publicate in extenso (285 + 380 + 89.16 + 204.535 + 63.05 + 65.18 + 3.33 + 4.5 + 36.66 + 30 + 22.54 = 1183.955 p)

3.1. Articole publicate în extenso în reviste cotate ISI, cu FI, prim autor (de la ultima promovare) (100+40+40+105=285 p):

1. **Mureșan, A.V.**; Florea, E.; Arbănași, E.-M.; Bartus, R.; Arbănași, E.-M.; Ion, A.P.; Cordoș, B.A.; Halatiu, V.B.; Niculescu, R.; Stoian, A.; et al. Elevated Leukocyte Glucose Index Is Associated with Long-Term Arteriovenous Fistula Failure in Dialysis Patients. *J. Clin. Med.* **2024**, *13*, 2037. <https://doi.org/10.3390/jcm13072037>; **Q1, FI: 3.0 (25*4=100 p)**
2. **Mureșan, A.V.**, Lazăr, N.A., Bartus, R., Szanto, L.A., Cordoș, B.A., Bandici, B.C., Șincaru, S.V., Covalcic, C.D., Ilioniu, A.M. & Mărginean, L. Elevated Composite Inflammatory Markers are Associated with Clinical Severity and Long-term Amputation Risk in Patients with Critical Limb Ischemia after Percutaneous Transluminal Angioplasty. *Journal of Cardiovascular Emergencies*, **2024**, Sciendo, vol. 10 no. 3, pp. 102-110. <https://doi.org/10.2478/jce-2024-0014>; **Q4, FI 0.6 (25*1.6=40 p)**
3. **Mureșan, A.V.**; Arbănași, E.M.; Russu, E.; Kaller, R.; Ciucanu, C.C.; Ion, A.P.; Cordoș, A.B.; Harpa, M.; Arbănași, E.M. The Role of the Mechanical Characteristics and Microstructure of the Porcine Aortic Wall: Implications for Abdominal Aortic Aneurysm Rupture Risk. *Journal of Cardiovascular Emergencies*, **2024**, Sciendo, vol. 10 no. 1, pp. 13-19. <https://doi.org/10.2478/jce-2024-0007>; **Q4, FI: 0.6 (25*1.6=40 p)**
4. **Mureșan, A.V.**; Tomac, A.; Opreș, D.R.; Bandici, B.C.; Coșarcă, C.M.; Covalcic, D.C.; Hălmăciu, I.; Akácsos-Szász, O.-Z.; Rădulescu, F.; Lázár, K.; et al. Inflammatory Markers Used as Predictors of Subclinical Atherosclerosis in Patients with Diabetic Polyneuropathy. *Life* **2023**, *13*, 1861. <https://doi.org/10.3390/life13091861>; **Q1, FI: 3.2 (25*4.2=105 p)**

3.2. Articole publicate în extenso în reviste cotate ISI, cu FI, prim autor (înainte de ultima promovare) (142.5+122.5+115=380 p):

1. **Mureșan, A.V.**; Russu, E.; Arbănași, E.M.; Kaller, R.; Hosu, I.; Arbănași, E.M.; Voidăzan, S.T. The Predictive Value of NLR, MLR, and PLR in the Outcome of End-Stage Kidney Disease Patients. *Biomedicines* **2022**, *10*, 1272. doi.org/10.3390/biomedicines10061272 ISSN:2227-9059; **Q2, FI:4.7. (25*5.7=142.5 p)**





2. **Mureșan, A.V.;** Russu, E.; Arbănași, E.M.; Kaller, R.; Hosu, I.; Arbănași, E.M.; Voidăzan, S.T. Negative Impact of the COVID-19 Pandemic on Kidney Disease Management—A Single-Center Experience in Romania. *J. Clin. Med.* **2022**, *11*, 2452. <https://doi.org/10.3390/jcm11092452> ISSN: 2077-0383; **Q2**, **FI: 3.9.** **(25*4.9=122.5 p)**
3. **Mureșan, A.V.;** Hălmăciu, I.; Arbănași, E.M.; Kaller, R.; Arbănași, E.M.; Budișcă, O.A.; Melinte, R.M.; Vunvulea, V.; Filep, R.C.; Mărginean, L.; Suciu, B.A.; Brinzaniuc, K.; Niculescu, R.; Russu, E. Prognostic Nutritional Index, Controlling Nutritional Status (CONUT) Score, and Inflammatory Biomarkers as Predictors of Deep Vein Thrombosis, Acute Pulmonary Embolism, and Mortality in COVID-19 Patients. *Diagnostics* **2022**, *12*, 2757. <https://doi.org/10.3390/diagnostics12112757> ISSN: 2075-4418; **Q2**, **FI:3.6.** **(25*4.6=115 p)**

3.3. Articole publicate în extenso în reviste cotate ISI, cu FI, autor principal (de la ultima promovare) (20+19+13.5+23.33+13.33=89.16 p):

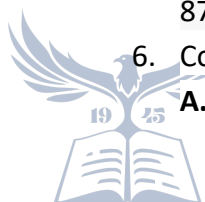
1. Russu, E.; Munteanu, A.-C.; Arbănași, E.-M.; Szanto, L.-A.; Bartus, R.; Florea, E.; Bandici, B.C.; Arbănași, E.-M.; Ion, A.P.; Cordoș, B.A.; Serac, G.; Ujlaki-Nagy, A.-A.; Ciucanu, C.C.; **Mureșan, A.V.** Out-Patient versus In-Patient Arteriovenous Fistula Creation for Dialysis: Assessing Cost-Effectiveness Alongside Clinical Implications. *Healthcare* **2024**, *12*, 1102. <https://doi.org/10.3390/healthcare12111102>; **Q2**, **FI: 2.4 (6*10/3=20 p se echivalează cu 6 articole BDI, Original Research, Autor Principal)**
2. Russu E, Arbănași EM, Chirilă TV, **Mureșan AV.** Therapeutic strategies based on non-ionizing radiation to prevent venous neointimal hyperplasia: the relevance for stenosed arteriovenous fistula, and the role of vascular compliance. *Front Cardiovasc Med.* **2024** Feb 5;11:1356671. doi: 10.3389/fcvm.2024.1356671; **Q2**, **FI: 2.8 (15*3.8/3=19 p)**
3. Tomac, A.; Ion, A.P.; Opreș, D.R.; Arbănași, E.M.; Ciucanu, C.C.; Bandici, B.C.; Coșarcă, C.M.; Covalcic, D.C.; **Mureșan, A.V.** Ledderhose's Disease: An Up-to-Date Review of a Rare Non-Malignant Disorder. *Clin. Pract.* **2023**, *13*, 1182-1195. <https://doi.org/10.3390/clinpract13050106>; **Q2**, **FI: 1.7 (15*2.7/3=13.5 p)**
4. Kaller, R.; Russu, E.; Arbănași, E.M.; **Mureșan, A.V.***; Jakab, M.; Ciucanu, C.C.; Arbănași, E.M.; Suciu, B.A.; Hosu, I.; Demian, L.; et al. Intimal CD31-Positive Relative Surfaces Are Associated with Systemic Inflammatory Markers and Maturation of Arteriovenous Fistula in Dialysis Patients. *J. Clin. Med.* **2023**, *12*, 4419. <https://doi.org/10.3390/jcm12134419>; **Q1**, **FI:3.0**, * **Autor de corespondență; (7*10/3=23.33 p se echivalează cu 7 articole BDI, Original Research, Autor Principal)**



5. Balmos, I.A., Muresan, M.G., Brinzaniuc, K., Suciuc, H., Horvath, E., Kaller, R., Banceu, C.; **Muresan, A.V.** Factors That Influence the Occurrence of Acute Postoperative Complications after Carotid Endarterectomy. Journal of Cardiovascular Emergencies, 2023, Sciendo, vol. 9 no. 1, pp. 9-16. <https://doi.org/10.2478/jce-2023-0003>; **Q4, FI:0.6 (25*1.6/3=13.33 p)**

3.4. Articole publicate în extenso în reviste cotate ISI, cu FI, autor principal (înainte de ultima promovare) (30+38.33+35+38.33+23.33+31.25+8.295= 204,535 p):

1. Melinte, R.M.; Arbănași, E.M.; Blesneac, A.; Zolog, D.N.; Kaller, R.; **Mureșan, A.V.** *; Arbănași, E.M.; Melinte, I.M.; Niculescu, R.; Russu, E. Inflammatory Biomarkers as Prognostic Factors of Acute Deep Vein Thrombosis Following the Total Knee Arthroplasty. *Medicina* **2022**, 58, 1502. <https://doi.org/10.3390/medicina58101502> ISSN: 1648-9144, **Q3, FI: 2.6; * Autor de corespondenta; (25*3.6/3=30 p)**
2. Arbănași, E.M.; Halmaciu, I.; Kaller, R.; **Mureșan, A.V.** *; Arbănași, E.M.; Suciuc, B.A.; Coșarcă, C.M.; Cojocaru, I.I.; Melinte, R.M.; Russu, E. Systemic Inflammatory Biomarkers and Chest CT Findings as Predictors of Acute Limb Ischemia Risk, Intensive Care Unit Admission, and Mortality in COVID-19 Patients. *Diagnostics* **2022**, 12, 2379; <https://doi.org/10.3390/diagnostics12102379>; ISSN: 2075-4418, **Q2, FI: 3.6; * Autor de corespondenta. (25*4.6/3=38.33 p)**
3. Kaller, R.; Arbănași, E.M.; **Mureșan, A.V.** *; Voidăzan, S.; Arbănași, E.M.; Horváth, E.; Suciuc, B.A.; Hosu, I.; Halmaciu, I.; Brinzaniuc, K.; Russu, E. The Predictive Value of Systemic Inflammatory Markers, the Prognostic Nutritional Index, and Measured Vessels' Diameters in Arteriovenous Fistula Maturation Failure. *Life* **2022**, 12, 1447. <https://doi.org/10.3390/life12091447>. ISSN: 2075-1729; **Q2, FI: 3.2; * Autor de corespondenta; (25*4.2/3=35 p)**
4. Halmaciu, I.; Arbănași, E.M.; Kaller, R.; **Mureșan, A.V.** *; Arbănași, E.M.; Bacalbasa, N.; Suciuc, B.A.; Cojocaru, I.I.; Runcan, A.I.; Grosu, F.; Vunvulea, V.; Russu, E. Chest CT Severity Score and Systemic Inflammatory Biomarkers as Predictors of the Need for Invasive Mechanical Ventilation and of COVID-19 Patients' Mortality. *Diagnostics* **2022**, 12, 2089. <https://doi.org/10.3390/diagnostics12092089> ISSN: 2075-4418, **Q2, FI: 3.6; * Autor de corespondenta. (25*4.6/3=38.33 p)**
5. Emil-Marian A, Reka K, **Vasile Adrian M** *, Septimiu V, Eliza-Mihaela A and Eliza R (2022) Impact of COVID-19 pandemic on Vascular Surgery Unit activity in Central Romania. *Front. Surg.* 9:883935. doi:10.3389/fsurg.2022.883935 ISSN: 2296-875X, **Q3, FI:1.8. * Autor de corespondenta. (25*2.8/3=23.33 p)**
6. Cosarca, M. C., Horváth, E., Molnar, C., Molnár, G., Russu, E., **Mureșan, V. A.** "Calcification patterns in femoral and carotid atheromatous plaques: A



comparative morphometric study". *Experimental and Therapeutic Medicine* 22, no. 2 (2021): 865; <https://doi.org/10.3892/etm.2021.10297> ISSN: 1792-1015; **Q3, FI: 2.751. (25*3.751/3=31.25 p)**

7. Cotoi, O.S.; **Mureșan, A.V.**; Tilinca, M.C.; Chiotoroiu, A.L.; Badea, M.A.; Vartolomei, M.D.; Suciu, M.; Morariu, S.H. Giant dermatofibrosarcoma protuberans – rare form of mesenchymal tissue neoplasm: case presentation. *Rom J Morphol Embryol* 2014, 55(4):1491–1495.; **Q4, FO: 0.659. (15*1.659/3=8.295 p)**

3.5. Articole publicate în extenso în reviste cotate ISI, cu FI, co-autor (de la ultima promovare) (5.5+2.73+5.54+8.57+2.4+10.5+7.35+3.75+5+2.125+7+2.59=63.05 p):

1. Ion, A.P.; Asztalos, A.; Ciucanu, C.C.; Russu, E.; **Mureșan, A.V.**; Arbănași, E.-M.; Chirilă, T.V.; Strnad, G.; Arbănași, E.-M. Optimizing Arterial Tissue Thickness Measurement Protocols: Digital Vernier Caliper Versus Digital Thickness Gauge. *Methods Protoc.* **2024**, 7, 90. <https://doi.org/10.3390/mps7060090>; **Q3, FI: 2.3 (15*3.3/9=5.5 p)**
2. Ion, A.P.; Asztalos, A.; Ciucanu, C.C.; Russu, E.; **Mureșan, A.V.**; Arbănași, E.-M.; Bartus, R.; Radu, C.C.; Chirilă, T.V.; Arbănași, E.-M. Superior Measurement Accuracy of Digital Thickness Gauge Versus Digital Vernier Caliper in Determining Venous Tissue Thickness. *Cureus*, **2024**, 16(9), e68442. <https://doi.org/10.7759/cureus.68442>; **Q3, FI: 1.0 (15*2.0/11=2.73 p)**
3. Trâmbițaș, C.; Cordoș, B.A.; Dorobanțu, D.C.; Vintilă, C.; Ion, A.P.; Pap, T.; Camelia, D.; Puiac, C.; Arbănași, E.-M.; Ciucanu, C.C.; **Mureșan, A.V.**; et al. Application of Adipose Stem Cells in 3D Nerve Guidance Conduit Prevents Muscle Atrophy and Improves Distal Muscle Compliance in a Peripheral Nerve Regeneration Model. *Bioengineering* **2024**, 11, 184. <https://doi.org/10.3390/bioengineering11020184>; **Q2, FI: 3.8 (15*4.8/13=5.54 p)**
4. Arbănași, E.-M.; Russu, E.; Arbănași, E.-M.; Ciucanu, C.C.; **Mureșan, A.V.**; Suzuki, S.; Chirilă, T.V. Effect of Ultraviolet Radiation on the Enzymolytic and Biomechanical Profiles of Abdominal Aortic Adventitia Tissue. *J. Clin. Med.* **2024**, 13, 633. <https://doi.org/10.3390/jcm13020633>; **Q1, FI: 3.0 (15*4.0/7=8.57 p)**
5. Arbănași, E.-M.; Suzuki, S.; Ciucanu, C.C., **Mureșan, A.V.**, Coșarcă, C.M., Chirilă, T.V., Ion, A.P., Arbănași, E.-M., Harpa, M.M. & Russu, E. Ex-vivo Mechanical Augmentation of Human Saphenous Vein Graft By UV-A Irradiation in Emergency Vascular Reconstruction – Preliminary Results. *Journal of Cardiovascular Emergencies*, **2023**, Sciendo, vol. 9 no. 3, pp. 59-64. <https://doi.org/10.2478/jce-2023-0012>; **Q4, FI: 0.6 (15*1.6/10=2.4 p)**



6. Balmoș, I.A.; Horváth, E.; Brinzaniuc, K.; **Mureșan, A.V.**; Olah, P.; Molnár, G.B.; Nagy, E.E.; Inflammation, Microcalcification, and Increased Expression of Osteopontin Are Histological Hallmarks of Plaque Vulnerability in Patients with Advanced Carotid Artery Stenosis. *Biomedicines*. **2023**; 11(3):881. <https://doi.org/10.3390/biomedicines11030881>; **Q2, FI: 3.9. (15*4.9/7=10.5 p)**
7. Balmoș, I.A.; Slevin, M.; Brinzaniuc, K.; **Mureșan, A.V.**; Suciu, H.; Molnár, G.B.; Mocian, A.; Szabó, B.; Nagy, E.E.; Horváth, E. Intraplaque Neovascularization, CD68+ and iNOS2+ Macrophage Infiltrate Intensity Are Associated with Atherothrombosis and Intraplaque Hemorrhage in Severe Carotid Atherosclerosis. *Biomedicines*. **2023**; 11(12):3275. <https://doi.org/10.3390/biomedicines11123275>; **Q2, FI: 3.9. (15*4.9/10=7.35 p)**
8. Hoge, T.; Noemi, N.; Suciu, B.A.; Brinzaniuc, K.; Chinezu, L.; Arbănași, E.M.; Kaller, R.; Carașca, C.; Arbănași, E.M.; Vunvulea, V.; Halmaciu, I.; **Mureșan, V.A.**; et al. Increased Epicardial Adipose Tissue and Heart Characteristics Are Correlated with BMI and Predict Silent Myocardial Infarction in Sudden Cardiac Death Subjects: An Autopsy Study. *Diagnostics*. **2023**; 13(13):2157. <https://doi.org/10.3390/diagnostics13132157>; **Q1, FI: 3.0. (15*4.0/16=3.75 p)**
9. Mărginean, L.; **Mureșan, A.V.**; Arbănași, E.M.; Coșarcă, C.M.; Arbănași, E.M.; Russu, E.; Filep, R.C.; Kaller, R. Transarterial Embolization of Ruptured Pancreaticoduodenal Artery Pseudoaneurysm Related to Chronic Pancreatitis. *Diagnostics*. **2023**; 13(6):1090. <https://doi.org/10.3390/diagnostics13061090>; **Q1, FI: 3.0. (10*4.0/8=5 p)**
10. Hoge, T.; Suciu, B.A.; Chinezu, L.; Brinzaniuc, K.; Arbănași, E.M.; Ungureanu, A.; Kaller, R.; Carașca, C.; Arbănași, E.M.; Vunvulea, V.; Halmaciu, I.; **Mureșan, A.V.** et al. Pregnancy-Associated Spontaneous Coronary Acute Dissection as a Cause of Sudden Cardiac Death—Autopsy Findings and Literature Review: Is COVID-19 Related?. *Medicina*. **2023**; 59(7):1257. <https://doi.org/10.3390/medicina59071257>; **Q1, FI: 2.4. (10*3.4/16=2.125 p)**
11. Cucoranu, D.C.; Pop, M.; Niculescu, R.; Vunvulea, V.; Kosovski, I.-B.; Togănel, R.-O.; Russu, E.; **Mureșan, A.V.**; Licu, R.-A.; Bacărea, A. Correlation between CT Abdominal Anthropometric Measurements and Liver Density in Individuals with Non-Alcoholic Fatty Liver Disease. *Medicina* **2023**, 59, 500. <https://doi.org/10.3390/medicina59030500>; **Q1, FI: 2.4 (7*10/10=7p se echivaleaza cu 7 articole BDI, Original Research, Co-Autor)**
12. Mureșan, M., Suciu, H., Marian, D., **Mureșan, A. V.**, Gabor, R. M., Neagoe, R. M., ... Balmoș, I. A. (2023). A single-center prospective study on the efficiency of negative pressure wound therapy versus conventional wound therapy in the postoperative management of devitalized and infected wounds. *Annali Italiani Di Chirurgia*, 94(4), 411–418. Retrieved from



<https://annaliitalianidichirurgia.it/index.php/aic/article/view/2228>; Q3, FI: 0.9
(15*1.9/11=2.59 p)

3.6. Articole publicate în extenso în reviste cotate ISI, cu FI, co-autor (înainte de ultima promovare)(5.45+6.015+6.015+7+9.18+4.66+4.71+7.33+4.625+3.86+6.335=65.18 p):

1. Hoge, T.; Suci, B.A.; Ivănescu, A.D.; Carașca, C.; Chinezu, L.; Arbănași, E.M.; Russu, E.; Kaller, R.; Arbănași, E.M.; **Mureșan, A.V.**; Radu, C.C. Increased Epicardial Adipose Tissue (EAT), Left Coronary Artery Plaque Morphology, and Valvular Atherosclerosis as Risks Factors for Sudden Cardiac Death from a Forensic Perspective. *Diagnostics* **2023**, *13*, 142; <https://doi.org/10.3390/diagnostics13010142>. ISSN: 2075-4418, Q1, FI: 3.0; (15*4.0/11=5.45 p)
2. Niculescu, R.; Russu, E.; Arbănași, E.M.; Kaller, R.; Arbănași, E.M.; Melinte, R.M.; Coșarcă, C.M.; Cocuz, I.G.; Sabău, A.H.; Tinca, A.C.; Stoian, A.; Vunvulea, V.; **Mureșan, A.V.**; Cotoi, O.S. Carotid Plaque Features and Inflammatory Biomarkers as Predictors of Restenosis and Mortality Following Carotid Endarterectomy. *Int. J. Environ. Res. Public Health* **2022**, *19*, 13934; <https://doi.org/10.3390/ijerph192113934> ISSN: 1660-4061; Q1; FI:4.614 (15*5.614/14=6.015 p)
3. Arbănași, E.M.; **Mureșan, A.V.**; Coșarcă, C.M.; Arbănași, E.M.; Niculescu, R.; Voidăzan, S.T.; Ivănescu, A.D.; Hălmăci, I.; Filep, R.C.; Mărginean, L.; Suzuki, S.; Chirilă, T.V.; Kaller, R.; Russu, E. Computed Tomography Angiography Markers and Intraluminal Thrombus Morphology as Predictors of Abdominal Aortic Aneurysm Rupture. *Int. J. Environ. Res. Public Health* **2022**, *19*, 15961. <https://doi.org/10.3390/ijerph192315961> ISSN: 1660-4601; Q1, FI:4.614. (15*5.614/14=6.015 p)
4. Arbănași, E.M.; **Mureșan, A.V.**; Coșarcă, C.M.; Kaller, R.; Bud, T.I.; Hosu, I.; Voidăzan, S.T.; Arbănași, E.M.; Russu, E. Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio Impact on Predicting Outcomes in Patients with Acute Limb Ischemia. *Life*, **2022**, *12*, 822. <https://doi.org/10.3390/life12060822> ISSN: 2075-1729, Q2, FI:3.2. (15*4.2/9=7 p)
5. Russu, E.; **Mureșan, A.V.**; Arbănași, E.M.; Kaller, R.; Hosu, I.; Voidăzan, S.; Arbănași, E.M.; Coșarcă, C.M. The Predictive Role of NLR and PLR in Outcome and Patency of Lower Limb Revascularization in Patients with Femoropopliteal Disease. *J. Clin. Med.* **2022**, *11*, 2620. <https://doi.org/10.3390/jcm11092620>. ISSN: 2077-0383; Q2, FI: 3.9. (15*4.9/8=9.18 p)
6. Kaller, R.; **Mureșan, A.V.**; Arbănași, E.M.; Arbănași, E.M.; Kovács, I.; Horváth, E.; Suci, B.A.; Hosu, I.; Russu, E. Uncommon Surgical Management by AVF between the Great Saphenous Vein and Anterior Tibial Artery for Old Radiocephalic AVF



- Failure. *Life* **2022**, 12, 529. <https://doi.org/10.3390/life12040529>. ISSN: 2075-1729, **Q2**, **FI:3.2**. ($10 \times 4.2/9 = 4.66$ p)
7. Russu E, **Mureșan AV**, Kaller R, Toma L, Coșarcă CM, Chibelea CB, Arbănași EM and Arbănași EM (2022) Innovative Technical Solution Using the Renal Artery Stump after Nephrectomy as an Inflow Artery for Lower Limb Revascularization—A Case Report. *Front. Surg.* 9:864846. doi:10.3389/fsurg.2022.864846. ISSN: 2296-875X, **Q3**, **FI: 1.8**. ($10 \times 2.8/8 = 3.5$ p)
8. Russu E, **Mureșan AV**, Kaller R, Coșarcă CM, Arbănași E-M and Arbănași E-M (2022) Case Report: Gigantic Arteriovenous Femoral Fistula Following Cardiac Artery Catheterization. *Front. Surg.* 9:769302. doi:10.3389/fsurg.2022.769302. ISSN: 2296-875X, **Q3**, **FI:1.8**. ($10 \times 2.8/6 = 4.66$ p)
9. Vunvulea, V.; Budișcă, O.A.; Arbănași, E.M.; **Mureșan, A.V.**; Arbănași, E.M.; Brînzaniuc, K.; Niculescu, R.; Cocuz, I.G.; Ivănescu, A.D.; Hălmăciu, I.; Mărginean, L.; Kaller, R.; Russu, E.; Suciu, B.A. The Predictive Role of Systemic Inflammatory Markers in the Development of Acute Kidney Failure and Mortality in Patients with Abdominal Trauma. *J. Pers. Med.* **2022**, 12, 2045. <https://doi.org/10.3390/jpm12122045>. ISSN: 2075-4426, **Q2**, **FI:3.4**. ($15 \times 4.4/14 = 4.71$ p)
10. Filep RC, Constantin C, Arbănași EM, **Mureșan AV**, Russu E and Mărginean L Endovascular treatment of an aneurysm associated with fenestration of the supraclinoid internal carotid artery: Case report and review of the literature. *Front. Neurol.* **2022**, 13:966642. doi:10.3389/fneur.2022.966642. ISSN:1664-2295, **Q2**, **FI:3.4**. ($10 \times 4.4/6 = 7.33$ p)
11. Cosarca, M. C., Hălmăciu, I., **Muresan, A. V.**, Suciu, B. A., Molnar, C., Russu, E., Horvath, E., Niculescu, R., Puscasiu, L., Bacalbașa, N., Balescu, I., Bud, I. T. "Neutrophil-to-lymphocyte, platelet-to-lymphocyte and lymphocyte-to-monocyte ratios are associated with amputation rates in patients with peripheral arterial disease and diabetes mellitus who underwent revascularization: A Romanian regional center study". *Experimental and Therapeutic Medicine* 24, no. 5 (2022): 703; ISSN: 1792-1015; <https://doi.org/10.3892/etm.2022.11639>; **Q3**, **FI: 2.7**. ($15 \times 3.7/12 = 4.625$ p)
12. Russu, E., **Muresan, A.V.**, Arbanasi, E.M., Nedelea, D., Suciu, B.A., Arbanasi, E.M., Kaller, R., Polytetrafluorethylene Prosthesis Interposition in Vascular Access, *Mater. Plast.*, 59(2), **2022**, 1-8. <https://doi.org/10.37358/MP.22.2.5579>. ISSN: 2668-8220; **Q4**, **FI: 0.8**. ($15 \times 1.8/7 = 3.86$ p)
13. Jeremias, Z.; Rat, N.; Benedek, I.; Rapolti, M.; **Mureșan, A.V.**; Benedek T. High iliac calcium score is associated with increased severity and complexity of peripheral arterial disease and predicts global atherosclerotic burden. *Vasa* **2018** 47:5, 377-386. <https://doi.org/10.1024/0301-1526/a000718>. ISSN: 0301-1526; **Q4**, **FI:1.534**. ($15 \times 2.534/6 = 6.335$ p)



3.7. Articole publicate în extenso în reviste cotate ISI, fără FI, autor principal (înainte de ultima promovare) (3.33 p):

1. Arbănași, E.M.; **Mureșan, A.V.***; Arbănași, E.M.; Kaller, R.; Cojocaru, I.I.; Coșarcă, C.M.; Russu, E. The Neutrophil-to-Lymphocyte Ratio's Predictive Utility in Acute Pulmonary Embolism: Systematic Review. *J. Card.. Emerg.* 6. Doi:10.2478/jce-2022-0005, ISSN:2457-5518; * **Autor de corespondenta. (10/3= 3.33 p)**

3.8. Articole publicate în extenso în reviste cotate ISI, fără FI, co-autor (înainte de ultima promovare) (2.5+2=4.5 p):

1. Arbănași, E.-M.; Russu, E.; **Mureșan, A.V.**; Arbănași, E.-M. Late Rupture of a Thrombosed Aortic Abdominal Aneurysm – a Case Report. *J. Cardiovasc. Emergencies* **2021**, 7, 84–87. doi:10.2478/jce-2021-0012 . ISSN:2457-5518. **(10/4=2.5 p)**
2. Kaller R, **Mureșan AV**, Popa DG, Arbănași EM, Russu E. Fatal Aortoduodenal Fistula Caused by a Ruptured Abdominal Aortic Aneurysm - a Case Report. *Journal of Cardiovascular Emergencies* 2021;7(4):129-132. DOI: 10.2478/jce-2021-0015, SSN:2457-5518. **(10/5=2 p)**

3.9. Articole publicate în extenso în reviste B+ sau BDI, autor principal (de la ultima promovare) (15+15+3.33+3.33=36.66 p):

1. **Mureșan, A.V.**; Bartus, R.; Arbănași, E.-M.; Arbănași, E.-M.; Sznato, A.L.; Florea, E.; Cosarca, M.C.; Harpa, M.M.; Hosu, I.; Ciucanu, C.C.; Lazar, N.A.; Bodiu, I.G.; Russu, E. Risk Factors Associated with Long-Term Radio-Cephalic Arteriovenous Fistula Failure in Dialysis Patients. *Acta Marisiensis - Ser. Medica* 2025, 71 (5), , doi:10.2478/amma-2025-0001. ISSN:2668-7755; **BDI (10*1.5=15 p)**
2. **Mureșan, A.V.**; Arbănași, E.-M.; Bartus, R.; Marginean, L.; Cordos, B.A.; Ciucanu, C.C.; Russu, E. Prognostic value of leukocyte-glycemic index in long-term evolution of diabetic patients with peripheral arterial disease following endovascular treatment. *Acta Marisiensis - Ser. Medica* 2024, 70 (2), , doi:10.2478/amma-2024-0013. ISSN:2668-7755; **BDI (10*1.5=15 p)**
3. Furtuna, O.; **Mureșan, A.V.** The role of systemic inflammatory markers in arteriovenous fistula dysfunction – a state-of-the-art review. *J. Interdiscip. Med.* 2023, doi:10.2478/jim-2023-0016. ISSN:2501-8132; **BDI (10/3=3.33 p)**
4. Pantea, C.; **Mureșan, A.V.** The role of systemic inflammatory markers in the progression and risk of abdominal aortic aneurysm rupture – a systematic review. *J. Interdiscip. Med.* 2023, doi:10.2478/jim-2023-0015. ISSN:2501-8132; **BDI (10/3=3.33 p)**



3.10. Articole publicate în extenso în reviste B+ sau BDI, autor principal (înainte de ultima promovare) (10+10+3.33+3.33+3.33=30 p):

1. **Mureșan, A.V.;** Coșarcă, C.M.; Russu, E.; Niculescu, R. A Rare Case of Abdominal Aortic Aneurysm with Ureteral Compression. *J. Interdiscip. Med.* 2021, 6(2), 102-1706, doi:10.2478/jim-2021-0020. ISSN:2501-8132; **BDI (10 p)**
2. **Mureșan, A.V.;** Coșarcă, C.M.; Russu, E.; Niculescu, R.; Soimu, M. Ilio-Deep Femoral Bypass – an Alternative Treatment Strategy to Critical Limb Ischemia (CLI). *J. Interdiscip. Med.* 2021, 6(3), 171-173; doi:10.2478/jim-2021-0021. ISSN:2501-8132; **BDI (10 p)**
3. Kaller, R.; Hălmăciu, I.; Suciu, B.A.; Strat, A.; Toma, L.; Mocian, A.; Milutin, D.; Csilip, A.; Brînzaniuc, K.; **Mureșan, A.V.** "Giant Lower Limb Myxoid Liposarcoma Causing Deep Vein Thrombosis, Complicated with Pulmonary Embolism Case Report" *ARS Medica Tomitana*, vol.25, no.1, 2019, pp.31-35. <https://doi.org/10.2478/arsm-2019-0007> **(10/3=3.33 p)**
4. Kaller, R.; Bud, I.T.; Toma, L.; Marginean, L.; Russu, E.; Mocian, A.; Suciu, B.A.; Halmăciu, I.; **Mureșan, A.V.** "Direct Thromboembolectomy of Axilo-Brahio-Radio-Ulnar Vessels Following Critical Upper Limb Ischemia as Complication of a Clavicular Fracture – Case Report" *ARS Medica Tomitana*, vol.24, no.1, 2019, p. 63. <http://www.amsibiu.ro/Arhiva/2019/Nr1-en/Kaller.pdf> **(10/3=3.33 p)**
5. Kaller, R.; Balmos, I.A.; Toma, L.; Bud, G.; Suciu, B.A.; Halmăciu, I.; Brinzaniuc, K.; Horvath, E.; **Mureșan, A.V.** "Open Surgical Repair After Early Endograft Thrombosis Following EVAR – Case Report" *ARS Medica Tomitana*, vol.24, no.3, 2019, <http://www.amsibiu.ro/Arhiva/2019/Nr3-en/Kaller.pdf> **(10/3=3.33 p)**

3.11. Articole publicate în extenso în reviste B+ sau BDI, co-autor (înainte de ultima promovare) (1+2+3+2.5+2.5+1+3+3+2.15+2.5=22.65 p):

1. Russu, E.; **Mureșan, A.V.;** Ivănescu, A.D.; Kaller, R.; Nedelea, D.E.; Niculescu, R.; Cordoș, B.A.; Budișcă, O.A.; Arbănași, E.M.; Arbănași, E.M. Polytetrafluorethylene (PTFE) vs. Polyester (Dacron®) Grafts in Critical Limb Ischemia Salvage. *Int. J. Environ. Res. Public Health* 2023, 20, 1235. <https://doi.org/10.3390/ijerph20021235> ISSN: 1660-4601; **BDI (10/10=1 p)**
2. Arbănași, E.-M.; Arbănași, E.-M.; **Mureșan, A.V.;** Kaller, R.; Russu, E. Imminent Rupture of Large Common Iliac Artery, Open Repair. *J. Interdiscip. Med.* 2022, 7, 22–24, doi:10.2478/jim-2022-0001. ISSN:2501-8132; **BDI (10/5=2 p)**
3. Arbănași, E.-M.; Russu, E.; **Mureșan, A.V.;** Arbănași, E.-M.; Kaller, R. Ulnar-Basilic Arteriovenous Fistula with Multilocular Gigantic Aneurysmal Dilatation: A Case Report. *Acta Marisiensis - Ser. Medica* 2021, 67, 244–246, doi:10.2478/amma-2021-0035. ISSN:2668-7755; **BDI (10*1.5/5=3 p)**
4. Arbănași, E.-M.; **Mureșan, A.V.;** Russu, E.; Arbănași, E.-M. Severe Focal Stenosis



- of the Abdominal Aorta with High Risk of Occlusion. *J. Interdiscip. Med.* 2021, 6, 185–186, doi:10.2478/jim-2021-0037. ISSN:2501-8132; **BDI (10/4=2.5 p)**
5. Cosarca, M.C.; **Mureșan, A.V.**; Horvath, E.; Russu, E.; Szederjesi, J.; Keresztes, M. "Vascular injury in macroscopically normal skin of patients with severe COVID-19 infection: clinical-pathologic correlations" *Acta Marisiensis - Seria Medica*, vol.67, no.3, 2021, <https://doi.org/10.2478/amma-2021-0027> (**10*1.5/6=2.5 p**)
6. Cosarca, M.C.; Horvath, E.; Carasca, C.; Niculescu, R.; Roman, M.; Halmaciu, I.; Brinzaniuc, K.; Puscasiu, L.; **Mureșan, A.V.**; Suci, B.A.; "Indication of Thromboendarterectomy with Ring Dissector in TASC C and D Femoropopliteal Lesions – a Re-Evaluation" *ARS Medica Tomitana*, vol.24, no.3, 2019, p. 24. **BDI (10/10=1 p)**
7. Russu, E.; **Mureșan, A.V.**; Cordoș, B.A.; Cotoi, O.S.; Copotoiu, C. "Tissue Integration of Synthetic Grafts and the Impact of Soft-Tissue Infection – An Experimental Model" *Acta Marisiensis - Seria Medica*, vol.61, no.4, 2016, pp.291-297. <https://doi.org/10.1515/amma-2015-0097> **BDI (10*1.5/5=3 p)**
8. Russu, E.; **Mureșan, A.V.**; Cordoș, B.A.; Cotoi, O.S.; Copotoiu, C. Morpho-Pathological Review on the Healing of Synthetic Vascular Grafts. *Acta Marisiensis - Seria Medica*, vol.62, no.1, 2016, pp.33-44. <https://doi.org/10.1515/amma-2015-0098> **BDI (10*1.5/5=3 p)**
9. Badea, M.A.; Buicu, F.; Țilea, A.M.; Badea, I. M.; Chiotoroiu, A.L.; **Mureșan, A.V.**; Morariu, S. H. "Graham Little-Lassueur Syndrome with Hypertrophic Lichen Planus in a Patient with Chronic Hepatitis C" *Acta Marisiensis - Seria Medica*, vol.62, no.1, 2016, pp.149-151. <https://doi.org/10.1515/amma-2015-0089> **BDI (10*1.5/7=2.15 p)**
10. Carasca, C.; **Mureșan, A.V.**; Tilea, I.; Magdas, A.; Carasca, E.; Incze, A. Is there a risk factor more responsible for disaster? *Acta Medica Marisiensis* 2015;61(3):245-247 DOI: 10.1515/amma-2015-0054 **BDI (10*1.5/6=2.5 p)**

