

LISTA DE LUCRĂRI
LEBOVICI ANDREI

Articole ISI

1. Santoro M, Zybin V, Coada CA, Mantovani G, Paolani G, Di Stanislao M, Modolon C, Di Costanzo S, **Lebovici A**, Ravegnini G, De Leo A, Tesei M, Pasquini P, Lovato L, Morganti AG, Pantaleo MA, De Iaco P, Strigari L, Perrone AM. Machine Learning Applied to Pre-Operative Computed-Tomography-Based Radiomic Features Can Accurately Differentiate Uterine Leiomyoma from Leiomyosarcoma: A Pilot Study. *Cancers (Basel)*. 2024 Apr 19;16(8):1570. doi: 10.3390/cancers16081570. (ISI IF= 4.5 Q1)
2. Boca B, Caraiani C, Telecan T, Pintican R, **Lebovici A**, Andras I, Crisan N, Pavel A, Diosan L, Balint Z, Lupsor-Platon M, Buruian MM. MRI-Based Radiomics in Bladder Cancer: A Systematic Review and Radiomics Quality Score Assessment. *Diagnostics (Basel)*. 2023 Jul 6;13(13):2300. doi: 10.3390/diagnostics13132300. PMID: 37443692; (ISI IF= 3.1 Q1)
3. Coroama LG, Diosan L, Telecan T, Andras I, Crisan N, Andreica A, Caraiani C, **Lebovici A**, Bálint Z, Boca B. A Light, 3D UNet-based Architecture for Fully Automatic Segmentation of Prostate Lesions from T2-MRI Images. *Curr Med Imaging*. 2023 May 22. doi: 10.2174/1573405620666230522151445 (ISI IF= 1.4 Q3)
4. Coroamă, D. M., Dioşan, L., Telecan, T., Andras, I., Crişan, N., Medan, P., Andreica, A., Caraiani, C., **Lebovici, A.**, Boca, B., & Bálint, Z. (2023). Fully automated bladder tumor segmentation from T2 MRI images using 3D U-Net algorithm. *Frontiers in oncology*, 13, 1096136. <https://doi.org/10.3389/fonc.2023.1096136> (ISI IF= 3.5 Q2)
5. Dragoş, H. M., Stan, A., Pintican, R., Feier, D., **Lebovici, A.**, Panaitescu, P. Ş., Dina, C., Strilciuc, S., & Muresanu, D. F. (2023). MRI Radiomics and Predictive Models in Assessing Ischemic Stroke Outcome-A Systematic Review. *Diagnostics (Basel, Switzerland)*, 13(5), 857. <https://doi.org/10.3390/diagnostics13050857> (ISI IF= 3.1 Q1)
6. Ştefan PA, Coţe A, Csutak C, Lupean RA, **Lebovici A**, Mişu CM, Lenghel LM, Puşcas ME, Roman A, Feier D. Texture Analysis in Uterine Cervix Carcinoma: Primary Tumour and Lymph Node Assessment. *Diagnostics (Basel)*. 2023 Jan 26;13(3):442. doi: 10.3390/diagnostics13030442. PMID: 36766547; PMCID: PMC9914884. (ISI IF= 3.1 Q1)
7. Arsenescu, T., Chifor, R., Marita, T., Santoma, A., **Lebovici, A.**, Duma, D., Vacaras, V., & Badea, A. F. (2023). 3D Ultrasound Reconstructions of the Carotid Artery and Thyroid Gland Using Artificial-Intelligence-Based Automatic Segmentation-Qualitative and Quantitative Evaluation of the Segmentation Results via Comparison with CT Angiography. *Sensors (Basel, Switzerland)*, 23(5), 2806. <https://doi.org/10.3390/s23052806> (ISI IF= 3.7Q2)
8. Telecan T, Andras I, Crisan N, Giurgiu L, Căta ED, Caraiani C, **Lebovici A**, Boca B, Balint Z, Diosan L, Lupsor-Platon M. More than Meets the Eye: Using Textural Analysis and Artificial Intelligence as Decision Support Tools in Prostate Cancer Diagnosis-A Systematic Review. *J Pers Med*. 2022 Jun 16;12(6):983 (ISI IF= 3.4Q2)
9. Ştefan PA, Lupean RA, **Lebovici A**, Csutak C, Crivii CB, Opincariu I, Caraiani C. Quantitative MRI of Pancreatic Cystic Lesions: A New Diagnostic Approach. *Healthcare (Basel)*. 2022 Jun 2;10(6).; (ISI IF= 2.8 Q2)
10. Puia VR, Puia A, Fetti AC, Stefan PA, Valean D, Herdean A, Rusu I, Vasile T, **Lebovici A**, Al-Hajjar N. Computed Tomography for the Diagnosis of Intraperitoneal Infected Fluid Collections after Surgery for Gastric Cancer. Role of Texture Analysis. *J Gastrointestin Liver Dis*. 2022 Jun 12;31(2):184-190 (ISI IF= 2.1Q3)

11. Bianca Boca (Petresc), Cosmin Caraiani, Loredana Popa, **Andrei Lebovici**, Diana Sorina Feier, Carmen Bodale, Mircea Marian Buruian. The Utility of ADC First-Order Histogram Features for the Prediction of Metachronous Metastases in Rectal Cancer: A Preliminary Study. *Biology* 2022, 11(3), 452; (ISI IF= 4.2 Q1)
12. Lucian Mărginean, Paul Andrei Ștefan, **Andrei Lebovici**, Iulian Opincariu, Csaba Csutak, Roxana Adelina Lupean, Paul Alexandru Coroian, Bogdan Andrei Suci. CT in the Differentiation of Gliomas from Brain Metastases: The Radiomics Analysis of the Peritumoral Zone. *Brain Sci.* 2022, 12(1), 109; (ISI IF= 3.394 Q3)
13. Raluca Cristina Apostu, Lucian Chira, Doina Colcear, **Andrei Lebovici**, Georgiana Nagy, Radu Razvan Scurtu, Radu Drasovean. Wilkie's syndrome as a cause of anxiety-depressive disorder: A case report and review of literature. *World J Clin Cases.* 2022 Feb 16;10(5):1654-1666. (ISI IF= 1.337 Q4)
14. Gregor Laimer, Raphael Müller, Christian Radmayr, Andrea Katharina Lindner, **Andrei Lebovici**, Friedrich Aigner. Multiparametric ultrasound in torsion of the testicular appendages: a reliable diagnostic tool? *Med Ultrason.* 2021 Sep 11. doi: 10.11152/mu-3206. (ISI IF= 1.611 Q3)
15. Roxana-Adelina Ștefan, Paul-Andrei Ștefan, Carmen Mihaela Mihu, Csaba Csutak, Carmen Stanca Melincovici, Carmen Bianca Crivii, Andrei Mihai Maluțan, Liviu Hîțu, **Andrei Lebovici**. Ultrasonography in the Differentiation of Endometriomas from Hemorrhagic Ovarian Cysts: The Role of Texture Analysis. *J Pers Med.* 2021 Jun 28;11(7):611. doi: 10.3390/jpm11070611. (ISI IF= 3.508 Q2) (*autor principal)
16. **Andrei Lebovici**, Csaba Csutak, Paula Popa, Nicolae Crișan, Mihai Suci, Bogdan Feciche, Iulia Andraș, Paul-Andrei Ștefan, Diana Sorina Feier. Magnetic resonance imaging characteristics of chronic prostatitis in patients under the age of 50: is it more than the eye can see? *Acta Radiol.* 2021 May 3;2841851211010397. (ISI IF= 1.7 Q3) (*autor principal)
17. Paul-Andrei Ștefan, Roxana-Adelina Lupean, Carmen Mihaela Mihu, **Andrei Lebovici**, Mihaela Daniela Oancea, Liviu Hîțu, Daniel Duma, Csaba Csutak. Ultrasonography in the Diagnosis of Adnexal Lesions: The Role of Texture Analysis. *Diagnostics (Basel).* 2021 Apr 29;11(5):812 (ISI IF= 3.992 Q2)
18. Claudia-Gabriela Moldovanu, Bianca Boca, **Andrei Lebovici**, Attila Tamas-Szora, Diana Sorina Feier, Nicolae Crisan, Iulia Andras, Mircea Marian Buruian. Preoperative Predicting the WHO/ISUP Nuclear Grade of Clear Cell Renal Cell Carcinoma by Computed Tomography-Based Radiomics Features. *J Pers Med.* 2020 Dec 23;11(1):8. (ISI IF= 3.508 Q2) (*autor principal)
19. Csaba Csutak, Paul-Andrei Ștefan, Roxana-Adelina Lupean, Lavinia Manuela Lenghel, Carmen Mihaela Mihu, **Andrei Lebovici**. Computed tomography in the diagnosis of intraperitoneal effusions: The role of texture analysis. *Bosn J Basic Med Sci.* 2020 Dec 17. doi: 10.17305/bjbms.2020.5048. (ISI IF= 3.767 Q3) (*autor principal)
20. Claudia-Gabriela Moldovanu, Bianca Petresc, Andrada Ramona Trif, George Dindelegan, **Andrei Lebovici**. Post-pancreatitis omental fat necrosis: A diagnostic dilemma. *Gastroenterol Hepatol.* 2020 Nov 5;S0210-5705(20)30410-6. doi: 10.1016/j.gastrohep.2020.10.010. (ISI IF= 1.581 Q4) (*autor principal)
21. Emanuel Cata, Iulia Andras, Matteo Ferro, Pierre Kadula, Daniel Leucuta, Gennaro Musi, Deliu-Victor Matei, Ottavio De Cobelli, Attila Tamas-Szora, Cosmin Caraiani, **Andrei Lebovici**, Flavia Epure, Maria Bungardean, Radu-Tudor Coman, Nicolae Crisan. Systematic sampling during MRI-US fusion prostate biopsy can overcome errors of targeting-prospective single center experience after 300 cases in first biopsy setting. *Transl Androl Urol.* 2020 Dec;9(6):2510-2518. (ISI IF= 2.445 Q2)

22. Claudia-Gabriela Moldovanu, Bianca Petresc, **Andrei Lebovici**, Attila Tamas-Szora, Mihai Suciuc, Nicolae Crisan, Paul Medan, Mircea Marian Buruian. Differentiation of Clear Cell Renal Cell Carcinoma from other Renal Cell Carcinoma Subtypes and Benign Oncocytoma Using Quantitative MDCT Enhancement Parameters. *Medicina (Kaunas)*. 2020 Oct 28;56(11):569. doi: 10.3390/medicina56110569. (ISI IF= 2.43 Q2) (*autor principal)
23. Roxana-Adelina Lupean, Paul-Andrei Ștefan, **Andrei Lebovici**, Csaba Csutak, Georgeta Mihaela Rusu, Carmen Mihaela Mihiu. Differentiation of Endometriomas from Hemorrhagic cysts at Magnetic Resonance: The Role of Quantitative Signal Intensity Measurements *Curr Med Imaging*. 2020 Oct 27. doi: 10.2174/1573405616999201027211132. (ISI IF= 1.228 Q4)
24. Roxana-Adelina Lupean, Paul-Andrei Ștefan, Mihaela Daniela Oancea, Andrei Mihai Măluțan, **Andrei Lebovici**, Marius Emil Pușcaș, Csaba Csutak, Carmen Mihaela Mihiu. Computer Tomography in the Diagnosis of Ovarian Cysts: The Role of Fluid Attenuation Values. *Healthcare (Basel)*. 2020 Oct 14;8(4):E398. doi: 10.3390/healthcare8040398. (ISI IF= 2.645 Q2)
25. Roxana-Adelina Lupean, Paul-Andrei Ștefan, Csaba Csutak, **Andrei Lebovici**, Andrei Mihai Măluțan, Rareș Buiga, Carmen Stanca Melincovici, Carmen Mihaela Mihiu. Differentiation of Endometriomas from Ovarian Hemorrhagic Cysts at Magnetic Resonance: The Role of Texture Analysis. *Medicina (Kaunas)*. 2020 Sep 23;56(10):E487. doi: 10.3390/medicina56100487. (ISI IF= 2.43 Q2)
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28. Paul-Andrei Ștefan, **Andrei Lebovici**, Csaba Csutak, Carmen Mihaela Mihiu. Computer Tomography in the Diagnosis of Ascites: The Role of Fluid Attenuation Values. *Curr Med Imaging*. 2020 Jul 22. doi: 10.2174/1573405616666200722152105. Online ahead of print. (ISI IF= 1.228 Q4) (*autor principal)
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30. Laura Damian, **Andrei Lebovici**, Cristina Pamfil, Cristina Belizna, Romana Vulturar. Rheumatoid Arthritis and CLOVES Syndrome: A Tricky Diagnosis. *Diagnostics* 2020, 10(7), 467; <https://doi.org/10.3390/diagnostics10070467> (registering DOI) - 09 Jul 2020 (ISI IF= 3.1 Q2) (*autor principal)

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33. Popa LE, Petresc B, Cătană C, Moldovanu CG, Feier DS, **Lebovici A**, Schiau C, Rancea RA, Molnar A, Buruiian MM. Association between cardiovascular risk factors and coronary artery disease assessed using CAD-RADS classification: a cross-sectional study in Romanian population. BMJ Open. 2020 Jan 7;10(1):e031799. (ISI IF= 2.692 Q2)
34. Steinkohl F, Luger AK, Pichler R, Bektic J, Rehder P, **Lebovici A**, Aigner F. Visibility of MRI prostate lesions on B-mode transrectal ultrasound. Med Ultrason. 2018 Dec 8;20(4):441-445. doi: 10.11152/mu-1602. (ISI IF= 1.674 Q2)
35. Cote A, Florin FG, Mois E, Elisei R, Badea R, Mare C, Hajjar NA, Iancu C, **Lebovici A**. The accuracy of endorectal ultrasonography and high-resolution magnetic resonance imaging for restaging rectal cancer after neoadjuvant chemoradiotherapy. Ann Ital Chir. 2018;89:168-176 (ISI IF= 0.793 Q4) (*autor principal)
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39. **Andrei Lebovici**, Silviu A Sfrangeu, Diana Feier, Cosmin Caraiani, Ciprian Lucan, Mihai Suciu, Florin Elec, Gheorghita Iacob, Mircea Buruiian Evaluation of the normal-to-diseased apparent diffusion coefficient ratio as an indicator of prostate cancer aggressiveness. BMC Med Imaging. 2014 May 10;14(1):15 (ISI IF= 1.312 fara Q) (*autor principal)
40. Laura Fanea, Leontin I. David, **Andrei Lebovici**, Francesca Carbone, Silviu A. Sfrangeu. Theoretical Compartment Modeling of DCE-MRI Data Based on the Transport across Physiological Barriers in the Brain Computational and Mathematical Methods in Medicine; Vol 2012 (ISI IF= 0.791 fara Q)
41. Freidrich Aigner, Leo Pallwein, Michael Schocke, **Andrei Lebovici**, Ferdinand Frauscher. Comparison of Real Time Sonoelastography With T2-Weighted Endorectal Magnetic Resonance Imaging for Prostate Cancer Detection Journal Of Ultrasound in Medicine 2011; 30:643-649 (ISI IF= 1.245 fara Q)

B+ indexed articles:

1. Mărginean L, Ștefan PA, Filep RC, Csutak C, **Lebovici A**, Gherman D, Lupean RA, Suciu BA. Radiomics in the CT diagnosis of ovarian cystic malignancies - a pilot study. Med Pharm Rep. 2024 Apr;97(2):169-177. doi: 10.15386/mpr-2594. Epub 2024 Apr 25. PMID: 38746030; PMCID: PMC11090276.
2. Claudia Gabriela Moldovanu, **Andrei Lebovici**, Mircea Marian Buruian. A systematic review of the clinical value and applications of three-dimensional virtual reconstructions in renal tumors Med Pharm Rep 2022: 95: 11 – 23. **Autor principal**
3. Adrian Cote, Florin Graur, **Andrei Lebovici**, Emil Mois, Nadim Al Hajjar, Codruta Mare, Radu Badea, Cornel Iancu The Accuracy of Endorectal Ultrasonography in Rectal Cancer Staging cjmed-2015.88.3 : 348-356
4. **Andrei Lebovici**, Silviu A Sfrangeu, Cosmin Caraiani, Ciprian Lucan , Mihai Suciu ,Florin Elec, Gheorghita Iacob, Mircea Buruian. Value of Endorectal MRI in Romanian men for high risk of Prostate Cancer: MRI findings compared with Saturation Biopsy Chirurgia (2015) 110: 262-267 **Autor principal**
5. **Andrei Lebovici**, Maria M. Duma, Lavinia M. Lenghel, Laura Urian, Bogdan Fetica, Silviu A. Sfrangeu. Bilateral orbital lymphoma: A diagnostic odyssey through surreal clinical and imaging features plus therapeutic implications. Acta haematologica Polonica 07/2014; DOI:10.1016/j.achaem.2014.01.005 **Autor principal**