

LISTA LUCRĂRILOR ȘTIINȚIFICE

Lucrări științifice publicate în reviste cotate ISI

1. **Neagu AI**, Poalelungi DG, Fulga A, Neagu M, Fulga I, Nechita A. Enhanced Immunohistochemistry Interpretation with a Machine Learning-Based Expert System. *Diagnostics*. 2024; 14(17):1853. doi:10.3390/diagnostics14171853 (Factor de impact = 3.3, **prim autor**)
2. Poalelungi DG, **Neagu AI**, Fulga A, Neagu M, Tutunaru D, Nechita A, Fulga I. Revolutionizing pathology with artificial intelligence: innovations in immunohistochemistry. *J Pers Med*. 2024;14:693. doi:10.3390/jpm14070693. (Factor de impact = 4.4, **autor corespondent**)
3. Candussi IL, Petecariu A, Lungu M, Busila C, Mihailov R, **Neagu A**, Lungu CN, Sarbu I, Ciongradi CI. Giant intraabdominal lymphangioma in a pediatric patient - a challenging diagnosis. *Clin Pract*. 2024;14:739-748. doi:10.3390/clinpract14030059 (Factor de impact = 2.2, coautor)
4. Poalelungi DG, Mușat CAL, Fulga A, Neagu M, **Neagu AI**, Piraianu AI, Fulga I. Advancing patient care: how artificial intelligence is transforming healthcare. *J Pers Med*. 2023;13(8):1214. doi:10.3390/jpm13081214. (Factor de impact = 3, coautor)
5. Stefanopol IA, Petecariu A, Baroiu L, **Neagu AI**, Bogdan-Goroftei RE, Nechifor A, Ciordea DA, Sarbu N. Giant benign struma ovarii with high-grade fever, elevated CA 125, and hormonal function in an adolescent patient. *Children (Basel)*. 2023;10:856. doi:10.3390/children10050856. (Factor de impact = 2, coautor)
6. Adam AM, Popa RF, Vaduva C, Georgescu CV, Adam G, Melinte-Popescu AS, Popa C, Socolov D, Nechita A, Vasilache IA, Mihalceanu E, Harabor A, Melinte-Popescu M, Harabor V, **Neagu A**, Socolov R. Pregnancy outcomes, immunophenotyping and immunohistochemical findings in a cohort of pregnant patients with COVID-19—a prospective study. *Diagnostics (Basel)*. 2023;13:1345. doi:10.3390/diagnostics13071345. (Factor de impact = 3, coautor)
7. **Neagu AI**, Neagu M, Stefanopol IA, Nechita A. Chromophobe renal cell carcinoma with massive sarcomatoid differentiation. *Indian J Pathol Microbiol*. 2023;66(4):839-841. doi:10.4103/ijpm.ijpm_85_22. (Factor de impact = 1.0, **prim autor**)
8. Stefanopol IA, Baroiu L, **Neagu AI**, Danila DM, Nechifor A, Miulescu M, Balan G, Vasile CI, Niculet E, Tatu AL. Clinical, imaging, histological and surgical aspects regarding giant paraovarian cysts: a systematic review. *Ther Clin Risk Manag*. 2022;18:513-522. doi:10.2147/TCRM.S361476. (Factor de impact = 2.8, **autor corespondent**)
9. Rebegea L, Firescu D, Stoleriu G, Arbune M, Anghel R, Dumitru M, Mihailov R, **Neagu AI**, Bacinschi X. Radiotherapy and immunotherapy, combined treatment for unresectable mucosal melanoma with vaginal origin. *Appl Sci (Basel)*. 2022;12(15):7734. doi:10.3390/app12157734. (Factor de impact = 2.7, coautor)
10. Rebegea LF, Firescu D, Anghel RM, Gales L, Ilie AM, Dumitru ME, Craescu M, Niculet E, Tatu AL, Cretu MS, Lungu M, **Neagu AI**. Clinical, histological and therapeutical aspects in the management of uterine and extrauterine stromal sarcomas: case reports. *Exp Ther Med*. 2021;22:1456. doi:10.3892/etm.2021.10916. (Factor de impact = 2.751, **ultim autor**)
11. Fulga I, Neagu M, Piraianu AI, Ciubara BA, **Neagu AI**, Ciubara A, Fulga A. Suicide during COVID-19 infection—case report and literature review. *Arch Clin Psychiatry (São Paulo)*. 2021;48(6):231-234. doi:10.15761/010608300000000313. (<https://www.webofscience.com/wos/woscc/full-record/WOS:000767327800001>), (Factor de impact = 0.984, coautor)

12. Fulga I, **Neagu AI**, Neagu M, Fulga A. Mortality among involuntary inpatients of psychiatric hospital. Egypt J Forensic Sci. 2021;11(1):1-4. doi:10.1186/s41935-021-00228-4. (<https://ejfs.springeropen.com/articles/10.1186/s41935-021-00228-4>), (revistă cotate ISI, fără factor de impact, coautor)
13. Piraianu A, Neagu M, **Neagu AI**, Fulga A, Ciubara A, Ciubara BA, Fulga I. Triogenesis of extreme hetero-aggressive behaviour in psychiatric forensic expert practice. Arch Euromedica. 2021;11(5):72-75. (http://journal-archiveuromedica.eu/archiv-euromedica-05-2021/archiv_euromedica_05_2021_001_075_WEB_20.pdf) (revistă cotate ISI, fără factor de impact, coautor)
14. Paduraru MI, Paduraru D, Alexa-Stratulat T, **Neagu A**, Neagu M, Afrasanie V, Miron L, Ciubara AB, Antohi M, Ciubara A. Anxiety and fear in cancer patients. BRAIN. Broad Res Artif Intell Neurosci. 2020;11(3Sup1):197-206. (revistă cotate ISI, fără factor de impact, coautor)
15. Rebegea L, Ilie AM, **Neagu A**, Firescu D, Constantin GB, Birla R, Bacinschi X, Serban C. Cutaneous and inguinal lymph nodes metastases disseminated from an endometrial serous carcinoma—a case report and literature review. Chirurgia (Bucur). 2021;116:109-116. (Factor de impact = 0.666, coautor)
16. Firescu D, Serban C, **Neagu A**, Mihalache D, Rebegea L. Primary bowel malignant melanoma with ileo-ileal intussusception. Rev Chim. 2019;70(9):3408-3411. (Factor de impact = 1.755, coautor)
17. Fulga A, **Neagu AI**, Neagu M, Ciubara A, Musat CL, Fulga I. Pro-active drug facilitated sexual assault using sedative-hypnotic medication. Rev Chim. 2019;70(11):4083-4085. (https://www.researchgate.net/publication/337917747_Pro-active_Drug_Facilitated_Sexual_Assault_Using_Sedative_-_hypnotic_Medication), (Factor de impact = 1.755, **autor corespondent**)
18. Neagu M, Alexa-Stratulat T, **Neagu AI**, Alexa ID, Alexa O. Road traffic accidents—a study of orthopedic injuries consequences. Rom J Leg Med. 2018;26:192-197. (Factor de impact = 0.480, **autor corespondent**)
19. Neagu M, Alexa-Stratulat T, **Neagu AI**, Alexa ID, Ioan BG. Consent for participating in clinical trials in Romania—is it really informed? Dev World Bioeth. 2018;18(3):299-306. (Factor de impact = 1.410, coautor)

Lucrări științifice publicate în reviste indexate BDI

1. Manole Palivan CC, Dumitru IF, **Neagu AI**, Maris M, Valeriu Ionut S, Carp GB, Topor G, Drug G, Nechita A. Implications of coronaviruses in complex prosthodontic rehabilitation of the frontal teeth. Rom J Oral Rehabil. 2020;12(3)
2. Matei MN, Dumitru IF, **Neagu AI**, Maris M, Carp GB, Topor G, Manole Palivan CC. Practical aspects of pediatric dentistry. Rom J Oral Rehabil. 2020;12(3)
3. Manole Palivan CC, Dumitru IF, **Neagu AI**, Maris M, Laura BD, Carp GB, Topor G, Peiu SN. Diabetes as a risk factor in prosthetic oral rehabilitation. Rom J Oral Rehabil. 2020;12(3)
4. Cerghizan D, **Neagu AI**, Maris M, Laura BD, Condurache GG, Topor G, Matei M. Interrelation between prosthetic and orthodontic treatment. Rom J Oral Rehabil. 2020;12(3)
5. Earar K, Manole Palivan CC, Dumitru IF, **Neagu AI**, Maris M, Carp GB, Topor G, Ciubara AM, Jaradat MA. Prosthetic rehabilitation of patients with mental and medicine disabilities. Rom J Oral Rehabil. 2020;12(3)
6. Stefanopol IA, Tiron Z, **Neagu AI**, Pavel LL, Sarbu V, Dragomir-Ananie ET. Diagnostic and treatment of ovarian cystic lesions in premenarcheal girls: a 3-year study. Rev Chim. 2020;71(2):460-465. (**Autor corespondent**)
https://www.researchgate.net/publication/339670115_Diagnostic_and_Treatment_of_Ovarian_Cystic_Lesions_in_Premenarcheal_Girls_a_3_Year_Study

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7. Neagu M, Fulga A, **Neagu AI**, Bulgaru-Iliescu D, Ciubara AM, Fulga I. Determination of direct oral anticoagulants in forensic toxicology. Rev Chim. 2020;71(1):308-312.
https://www.researchgate.net/publication/339162870_Determination_of_Direct_Oral_Anticoagulants_in_Forensic_Toxicology
 8. Anghel L, Beznea A, **Neagu AI**, Topor G, Onisor C, Fotea S. Uric acid in cardiovascular diseases: a factor or an incident? Rev Chim. 2019;70(12):4442-4444.