

Lista cu 10 articole cele mai relevante

- 1) E. Nazaretian, , **A.I. Ungureanu***, C. Dumitras, A. Dobos, M. Oprisan, S. Agop, MULTIFRACTAL HYDRODYNAMIC MODELING IN SCALE RELATIVITY WITH PERSPECTIVES FOR ENVIRONMENTAL, CHEMICAL, AND BIOTECHNOLOGICAL SYSTEMS, *Chemistry & Chemical Engineering, Biotechnology, Food Industry*, 2026, 27(1), pg. 067-081, impact factor 0.7)
https://pubs.ub.ro/uploads/articole/5974/1774945471_9fe84c8e94698788b60e.pdf
- 2) Dragos-loan Rusu, Diana-Corina Bostan, Adrian Timofte, Vlad Ghizdovat, **Alexandra-Iuliana Ungureanu**, Maricel Agop and Decebal Vasincu, *Projective Symmetry and Coherence Regimes in the Eady Model of Baroclinic Instability*, *Atmosphere*, 2026 (impact factor 2.3)
<https://www.mdpi.com/2073-4433/17/4/376>
- 3) Wael Jalloul, Vlad Ghizdovat,* , Tamás Pócza, **Alexandra Saviuc**, Despina Jalloul, Irena Cristina Grierosu and Cipriana Stefanescu, *Targeted Alpha Therapy: Exploring the Clinical Insights into [225Ac]Ac-PSMA and Its Relevance Compared with [177Lu]Lu-PSMA in Advanced Prostate Cancer Management*, *Pharmaceuticals*, 2025 (impact factor 4.8)
<https://www.mdpi.com/1424-8247/18/8/1215>
- 4) Irena Cristina Grierosu, Iuliana Magdalena Starcea, Wael Jalloul* , Maria Adriana Mocanu, Roxana Alexandra Bogos, Tudor Ilie Lazaruc, Madalina Andreea Beldie, Ruxandra Tibu, Teodor Marian Ionescu, Cati Raluca Stolniceanu, Brindusa Casiana Acsinte, Cipriana Stefanescu, **Alexandra Saviuc** and Vlad Ghizdovat, *Particularities in the "Oldie butGoldie" Tc-99mDMSA Renography: A Retrospective Reference Centre Overview of 931 Children*, *Diagnostics*, 2025, (impact factor 3.3)
<https://www.mdpi.com/2075-4418/15/8/1025>
- 5) Laura Teodoriu, Maria-Christina Ungureanu, Mioara Matei, Irena Grierosu*, **Alexandra Iuliana Saviuc**, JalloulWael, Iuliu Ivanov, Loredana Dragos, Radu Danila, Velicescu Cristian,Mihai-Andrei Costandache, Adrian Iftene, Cristina Preda* and Cipriana Stefanescu, *BRAF Detection in FNAC Combined with Semi-Quantitative 99mTc-MIBI Technique and AI Model, an Economic and Efficient*



Predicting Tool for Malignancy in Thyroid Nodules, Diagnostics, 2024 (impact factor 3.3)

<https://www.mdpi.com/2075-4418/14/13/1398>

- 6) Stefan-Andrei Irimiciuc, **Alexandra Saviuc**, Florin-Tudose-Sandu-Ville, Stefan Toma, Florin Nedeff, Cristina Marcela Rusu, Maricel Agio- *Non-linear behaviors of transient periodic plasma dynamics in a multifractal paradigm*, Symmetry 2020 (Revista indexata ISI, **ISSN: 2073-8994**, impact factor: 2.940)

<https://www.mdpi.com/2073-8994/12/8/1356>

- 7) **Alexandra Saviuc**, Manuela Girtu, Liliana Topliceanu, Tudor-Cristian Petrescu, Maricel Agop, *"Holographic Implementations" in the complex Fluid Dynamics through a fractal paradigm*, Mathematics, Volume 9, Issue 18, 2021 (Revista indexata ISI, **ISSN: 2227-7390**, impact factor 2.592)

<https://www.mdpi.com/2227-7390/9/18/2273>

- 8) Iulian-Alin Rosu, Maria-Alexandra Paun, Mihaela Barhalescu, **Alexandra Iuliana Saviuc**, Mihaela Jarcau, Catalin Dumitras, Constantin Placinta, Vladimir-Alexandru Paun, Maricel Agop, Viorel-Puiu Paun, *Bistable-type interactions of complex systems in a fractal paradigm of motion*, Scientific Bulletin, Series A: Applied Mathematics and Physics, vol. 84, Iss. 3, 2022 (Revista indexata ISI, **ISSN: 1223-7027**, impact factor 0.619)

https://www.scientificbulletin.upb.ro/static/pdfs/rez57b_283667.pdf

- 9) Lucian Dobreci, **Alexandra Saviuc**, Tudor-Cristian Petrescu, Maria-Alexandra Paun, Mihail Frasila, Florin Nedeff, Vladimir-Alexandru Paun, Catalin Dumitrascu, Viorel-Puiu Paun, Maricel Agop, *Towards interactions through differentiable-non-differentiable scale transitions in scale relativity theory*, Scientific Bulletin, Series A: Applied Mathematics and Physics, vol. 83, Iss. 2, 2021 (Revista indexata ISI, **ISSN: 2227-7390**, impact factor 0.619)

https://www.scientificbulletin.upb.ro/static/pdfs/full34b_438500.pdf

- 10) **Alexandra Saviuc**, Cristina-Marcela Rusu, Medeea Lungu, Vlad Ghizdovăț- *Dosimetric behaviors of different tissue-equivalent materials. A Monte Carlo simulated study*, Buletinul Institutului Politehnic din Iasi, Volumul 66 (70), numarul 3, 2020 (**ISSN:1223-7027**, SJR 0.390, BDI B+)

[https://www.cmmi.tuiasi.ro/wp-](https://www.cmmi.tuiasi.ro/wp-content/uploads/buletin/fizica/2020/L3_MMf%203_2020.pdf)

[content/uploads/buletin/fizica/2020/L3_MMf%203_2020.pdf](https://www.cmmi.tuiasi.ro/wp-content/uploads/buletin/fizica/2020/L3_MMf%203_2020.pdf)

194