

## LISTA LUCRĂRI ȘTIINȚIFICE

- I. Articole publicate în reviste de circulație internațională, specifice domeniului, cotate I.S.I. Web of Knowledge (selectie)
1. **O.A. Țicleanu**, T. Popa, D.I. Hunyadi, N. Constantinescu, *Detecting encrypted and unencrypted network data using entropy analysis and confidence intervals*, Journal Entropy MDPI, 25(3), 397, 2023.
  2. D.I. Hunyadi, **O.A. Țicleanu**, N. Constantinescu, *Optimal Elliptic-Curve Subspaces for Applications in Double-Authenticated Requests in Mobile Distributed Data Mining*, Journal Mathematics MDPI, 2022.
  3. D. Simian, **O.A. Țicleanu**, N. Constantinescu, *Characterization of a Cubic Interpolation Scheme Dependent on Two Parameters and Applications*, Annals of the University of Craiova, Mathematics and Computer Science Series, 2022.
  4. A.I. Golumbeanu and **O.A. Țicleanu**, *Elliptic curves differentiation with application to group signature scheme*, E. Journal of Differential Equations, vol. 2017, no.237, pp.1-21, 2017.
  5. N. Constantinescu and **O.A. Țicleanu** and A. Golumbeanu, *Nonlinearities on cryptographic shift registers*, Annals of the University of Craiova, Mathematics and Computer Science Series, 43(1), pp. 12–17, 2016.
  6. **O.A. Țicleanu**, *Endomorphisms on elliptic curves for optimal subspaces and applications to differential equations and nonlinear cryptography*, E. Journal of Differential Equations, 2015(214), pp. 1–9, 2015.
  7. **O.A. Țicleanu**, *Differential operators over particular elliptic curves spaces with cryptographic applications*, E. Journal of Differential Equations, 2015(303), pp. 1–9, 2015.
  8. **O.A. Țicleanu**, *Nonlinear analysis on elliptic curves subspaces with cryptographic applications*, Annals of the University of Craiova, Mathematics and Computer Science Series, 41(2), pp. 292– 299, 2014.
  9. **O.A. Țicleanu**, N. Constantinescu, and D. Ebanca, *Intelligent data retrieval with hierarchically structured information*, In Intelligent Interactive Multimedia Systems and Services - Proceedings of the 6th International Conference on Intelligent Interactive Multimedia Systems and Services, IIMSS 2013, Sesimbra, Portugal, 26-28 June 2013, pp. 345–351, 2013.
- II. Articole publicate în baze de date internaționale (selectie)
1. **O.A. Țicleanu** and N. Constantinescu, *Studying models issues on e-commerce cashing*, In International Conference on Applied Mathematics and Computational Methods in Engineering II (AMCME '14), IOS Press, pp. 116–128, 2014.
  2. **O.A. Țicleanu**, *Mathematical models in cryptography*, Journal of Knowledge Communication and Computing Technologies, 4(1), pp. 1–9, 2013.
- III. Carti stiintifice publicate
1. **O.A. Țicleanu**, *Procese neliniare peste curbe eliptice nonsupersingulare cu aplicatii in criptografie*, Casa Cartii de Stiinta, ISBN: 978-606-17-2068-2, octombrie 2022.