

Lista de lucrări - Lect. dr. Claudia Zaharia

(i) Lista celor 10 lucrări considerate a fi cele mai relevante pentru realizările profesionale proprii

1. D. Miheț, C. Zaharia – On some classes of nonlinear contractions in probabilistic metric spaces, *Fuzzy Sets and Systems* 300 (2016), 84-92 (*Q1 – Mathematics, Applied*)
2. D. Miheț, C. Zaharia – A note on the definition of a generalized fuzzy normed space, *Fuzzy Sets and Systems* 238 (2014), 129-134 (*Q1 – Mathematics, Applied*)
3. C. Zaharia, D. Miheț - On the probabilistic stability of some functional equations, *Carpathian Journal of Mathematics* 29, No. 1 (2013), 125-132 (*Q1 – Mathematics*)
4. L. Pârvulescu, E. – I. Iorgu, C. Zaharia, M. C. Ion, A. Satmari, A. – M. Krapal, O. – P. Popa, K. Miok, I. Petrescu, L. – O. Popa – The future of endangered crayfish in light of protected areas and habitat fragmentation, *Scientific Reports* 10 (1) (2020), 14870 (*Q1 – Multidisciplinary Sciences*)
5. I. Șandric, A. Satmari, C. Zaharia, M. Petrovici, M. Cîmpean, K. P. Battes, D. C. David, O. Pacioglu, A. Weiperth, B. Gál, M. Pîrvu, H. Muntean, A. Spătaru, C. G. Toma, L. Pârvulescu - Integrating catchment land cover data to remotely assess freshwater quality: A step forward in heterogeneity analysis of river networks, *Aquatic Sciences* (2019) 81: 26. (*Q1 – Limnology*)
6. L. Pârvulescu, C. Zaharia, M. - I. Groza, O. Csillik, A. Satmari, L. Drăguț – Flash-flood potential: a proxy for crayfish habitat stability, *Ecohydrology* 9, No. 8 (2016), 1507–1516 (*Q1 – Environmental Sciences*)
7. C. Zaharia – On the probabilistic stability of the monomial functional equation, *Journal of Nonlinear Sciences and Applications* 6 (2013), 51-59 (*44 citări pe Web of Science*)
8. C. Zaharia, N. Ćirović – A Probabilistic Fixed Point Result Using Altering Distance Functions, *Journal of Function Spaces* Volume 2015 (2015), Article ID 919202
9. C. Zaharia, D. Miheț – On a problem of Schwaiger in random normed spaces, *Aequationes Mathematicae* 86, No. 1 (2013), 99-105
10. C. Zaharia, R. Mureșan, D. Zaharie – Can Association Rules be Used to Improve Additive Bayesian Network Models?, 2021 International Conference on e-Health and Bioengineering (EHB), 2021, pp. 1-4, doi: 10.1109/EHB52898.2021.9657656

(ii) Teza de doctorat

Titlul: Teorie de punct fix și stabilitate Ulam – Hyers în structuri probabiliste

Conducător de doctorat: Prof. dr. emerit Mihail Megan

Data susținerii: 23.09.2013

Instituția: Universitatea de Vest din Timișoara, Școala Doctorală de Matematică

(iii) Lista brevetelor de invenție și a altor titluri de proprietate industrială

- nu este cazul

(iv) Lista cărților

1. C. Zaharia – Verificarea ipotezelor statistice prin metode neparametrice, Ed. Matrix Rom, 2023, ISBN: 978-606-25-0803-6
2. D. Comănescu, C. Zaharia – Analiză numerică. Note de curs, Ed. Matrix Rom, 2022, ISBN: 978-606-25-0705-3
3. C. Zaharia - Verificarea ipotezelor statistice cu Mathematica și Maple, Ed. Eubee, 2010, ISBN: 978-973-673-181-5

(v) Lista capitolelor de cărți

- nu este cazul

(vi) Lista articolelor in extenso, publicate în reviste din fluxul științific internațional principal

(vi1) Articole publicate în jurnale indexate ISI

1. A. Carabineanu, C. Zaharia, A. Blidisel, R. Ilina, C. Miclaus, O. Ardelean, M. Preda, O. Mazilu, Risk of More Advanced Lesions at Hysterectomy after Initial Diagnosis of Non-Atypical Endometrial Hyperplasia in Patients with Postmenopausal Bleeding and Oral Anticoagulant Treatment, *Medicina* 57 (10) (2021), 1003
2. L. Pârvulescu, E. – I. Iorgu, C. Zaharia, M. C. Ion, A. Satmari, A. – M. Krapal, O. – P. Popa, K. Miok, I. Petrescu, L. – O. Popa, The future of endangered crayfish in light of protected areas and habitat fragmentation, *Scientific Reports* 10 (1) (2020), 14870
3. L. Pârvulescu, J. L. Pérez-Moreno, C. Panaiotu, L. Drăguț, A. Schrimpf, I.-D. Popovici, C. Zaharia, A. Weiperth, B. Gál, C. D. Schubart, H. Bracken-Grissom – A journey on plate tectonics sheds light on European crayfish phylogeography, *Ecology and Evolution* 9 (2019), 1957 – 1971
4. I. Șandric, A. Satmari, C. Zaharia, M. Petrovici, M. Cîmpean, K. P. Battes, D. C. David, O. Pacioglu, A. Weiperth, B. Gál, M. Pîrvu, H. Muntean, A. Spătaru, C. G. Toma, L. Pârvulescu - Integrating catchment land cover data to remotely assess freshwater quality: A step forward in heterogeneity analysis of river networks, *Aquatic Sciences* (2019) 81: 26.
5. D. Miheț, C. Zaharia - On some classes of nonlinear contractions in probabilistic metric spaces, *Fuzzy Sets and Systems* 300 (2016), 84-92
6. L. Pârvulescu, C. Zaharia, M.-I. Groza, O. Csillik, A. Satmari, L. Drăguț - Flash-flood potential: a proxy for crayfish habitat stability, *Ecohydrology* 9, No. 8 (2016), 1507–1516
7. C. Zaharia, N. Ćirović - A Probabilistic Fixed Point Result Using Altering Distance Functions, *Journal of Function Spaces Volume 2015* (2015), Article ID 919202
8. L. Pârvulescu, M. Pîrvu, L. G. Moroșan, C. Zaharia - Plasticity in fecundity highlights the females' importance in the spiny-cheek crayfish invasion mechanism, *Zoology* 118, No. 6 (2015), 424-432
9. M. Pîrvu, C. Zaharia, A. Satmari, L. Pârvulescu - Spatial ecology of *Hydropsyche incognita* (Trichoptera: Hydropsychidae) in the Carpathians, *European Journal of Entomology* 112, No.1 (2015), 106-113
10. D. Miheț, C. Zaharia - A note on the definition of a generalized fuzzy normed space, *Fuzzy Sets and Systems* 238 (2014), 129-134
11. L. Pârvulescu, C. Zaharia - Distribution and ecological preferences of noble crayfish in the Carpathian Danube basin: biogeographical insights into the species history, *Hydrobiologia* 726, No. 1 (2014), 53-63
12. C. Zaharia, D. Miheț - On the probabilistic stability of some functional equations, *Carpathian Journal of Mathematics* 29, No. 1 (2013), 125-132
13. C. Zaharia, D. Miheț - On a problem of Schwaiger in random normed spaces, *Aequationes Mathematicae* 86, No. 1 (2013), 99-105
14. C. Zaharia - On the probabilistic stability of the monomial functional equation, *Journal of Nonlinear Sciences and Applications* 6 (2013), 51-59
15. L. Pârvulescu, C. Zaharia, A. Satmari, L. Drăguț - Is the distribution pattern of the stone crayfish in the Carpathians related to karstic refugia from Pleistocene glaciations?, *Freshwater Science* 32, No. 4 (2013), 1410-1419
16. L. Pârvulescu, C. Zaharia - Current limitations of the stone crayfish distribution in Romania: Implications for its conservation status, *Limnologica* 43 (2013), 143-150
17. D. Miheț, C. Zaharia - Probabilistic (quasi)metric versions for a stability result of Baker, *Abstract and Applied Analysis Volume 2012*, (2012), Article ID 269701

(vi2) Articole publicate în jurnale indexate în ale baze de date internaționale

18. D. Miheț, C. Zaharia - The probabilistic stability for the Gamma functional equation, Journal of Science and Arts No. 3 (20) (2012), 297-302
19. C. Zaharia - Remarks on homogeneity in the stability theorem for monomial functional equations, Annals of the West University of Timișoara, Mathematics and Computer Science Series 47 (2009), 187-199

(vii) Lista publicațiilor in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

1. C. Zaharia, R. Mureșan, D. Zaharie - Can Association Rules be Used to Improve Additive Bayesian Network Models?, 2021 International Conference on e-Health and Bioengineering (EHB), 2021, pp. 1-4, doi: 10.1109/EHB52898.2021.9657656 – *ISI Proceedings*
2. R. Mureșan, C. Zaharia, D. Zaharie - Using Additive Bayesian Networks and Association Rules in Antimicrobial Resistance Analysis, 2020 International Conference on e-Health and Bioengineering (EHB), 2020, pp. 1-4, doi: 10.1109/EHB50910.2020.9280255 – *ISI Proceedings*
3. C. Zaharia, R. Mureșan, R. Moleriu, D. Zaharie - Analysis of Association Measures Used to Discover Antimicrobial Resistance Patterns, 2019 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2019, pp. 1-4, doi: 10.1109/EHB47216.2019.8969945 – *ISI proceedings*