

# Общ списък от цитирания

**В публикациите на гл.ас. д-р Асен Чорбаджиев,**  
за участие в конкурс за доцент в областта на висше образование  
4. Природни науки, математика и информатика,  
Професионално направление: 4.5 Математика  
Научна специалност: „Теория на вероятностите и математическа статистика“  
обнародван в „Държавен вестник“, бр. 8/26.01.2024 г.

Брой цитирани публикации: 17

Брой цитиращи източници: 32

## 2009

1. Chilingarian A., Angelov Ch., Arakelyan K., Arsov T., Avakyan K., Chilingaryan S., Hovhannisyan A., Hovsepyan G., Hrzina D., Hovhannisyan T., Maricic D., Nishev A., **Tchorbadjieff A.**, Kalapov I., Karapetyan T., Kozliner L., Mailyan B., Reymers A., Romstajn I., Rosa D., Stamenov J., Tserunyan S., Yeghikyan A.. New Particle Detector Network for Solar Physics and Space Weather research. PROCEEDINGS OF THE 31st ICRC, ŁÓDŹ, 2009

Цитира се в:

1. A coincidence detection system based on real-time software Sindulfo Ayuso, Juan José Blanco, José Medina, Raúl Gómez-Herrero, Oscar García-Población, and Ignacio García Tejedor Geoscientific Instrumentation, Methods and Data Systems (GI), @2016 [Линк](#) (конкурс за доцент)

## 2010

2. Chvetomir Angelov, Ivo Angelov, Todor Arsov, Nina Archangelova, Alexander Boyukliiski, Anna Damianova, Miroliuba Drenska, Kostadin Georgiev, Ivo Kalapov, Alexey Nishev, Nina Nikolova, Ilia Penev, Ivan Sivriev, Jordan Stamenov, **Asen Tchorbadjieff**, Stevan Todorov, Boyko Vachev. BEO Moussala – A New Facility for Complex Environment Studies. Sustainable Development in Mountain Regions, Springer, Dordrecht, 2010, ISBN:978-94-007-0130-4, DOI:https://doi.org/10.1007/978-94-007-0131-1\_11, 123-139

Цитира се в:

2. Cong Zhou, Runhe Shi, Chaoshun Liu & Wei Gao. "A correlation analysis of monthly mean CO2 retrieved from the Atmospheric Infrared Sounder with surface station measurements". International Journal of Remote Sensing, 34 (24)., @2013 [Линк](#) (конкурс за главен асистент)

3. D. Rosa, Ch. Angelov, K. Arakelyan, T. Arsov, A. Chilingarian, S. Chilingaryan, A. Hovhanissyan, T. Hovhannisyan, G. Hovsepyan, D. Sargsyan, D. Hrzina, I. Kalapov, T. Karapetyan, L. Kozliner, B. Mailyan, D. Maricic, A. Nishev, D. Pokhsranyan, A. Reymers, I. Romstajn, J. Stamenov, **A. Tchorbadjieff**, L. Vanyan. Sevan CRO particle detector for solar physics and space weather research. Central European Astrophysical Bulletin, 34, University of Zagreb, 2010, ISSN:0351-2657, 115-122

Цитира се в:

3. Mathai, A.M., Haubold, H. J. "United Nations Basic Space Science Initiative (UNBSSI) 1991-2012 and Beyond". Creative Education, 9(2), 2018, @2018 [Линк](#) (Не се индексират в изискуемите бази данни)

## 2012

4. **Tchorbadjieff A.** Automatic Data Quality Control of Environmental Data. Lecture Notes in Computer Science, vol 7116, Springer, Berlin, Heidelberg, 2012, DOI:10.1007/978-3-642-29843-1\_38, 333-340. SJR (Scopus):0.308 (x)

Цитира се в:

4. Mobile technologies and services for environmental monitoring: The Citi-Sense-MOB approach, Urban Climate, Volume 14, Part 3, December 2015, Pages 370-382, @2015 [Линк](#) (конкурс за главен асистент)
5. Liu Wenyun, Yue Lixin, Ma Wucui, Su Qingshou. "An application study of open government data guarantee mechanism in data

quality control". Information Studies: Theory & Application, 41 (4), pp 21-27, 2018., @2018 [Линк](#) (Не се индексира в изискуемите бази данни)

6. B. Zhao, H. Zhang and Y. Luo, "Automatic Error Correction Technology for the Same Field in the Same Kind of Power Equipment Account Data, " 2020 IEEE 3rd International Conference of Safe Production and Informatization (IICSPI), Chongqing City, China, 2020, pp. 153-157, doi: 10.1109/IICSPI51290.2020.9332426., @2020 [Линк](#) (конкурс за доцент)

---

## 2014

---

5. **Tchorbadjieff A.** Automatic Data Quality Control for Environmental Measurements. Large-Scale Scientific Computing. LSSC 2013. Lecture Notes in Computer Science, 8353, 978-3-662-43879-4, 2014, ISBN:978-3-662-43879-4, DOI:[https://doi.org/10.1007/978-3-662-43880-0\\_48](https://doi.org/10.1007/978-3-662-43880-0_48), 421-427. SJR:0.325

Цитира се в:

7. Hurst, W and Shone, N and Shi, Q and Bazli, B Micro-CI: A Model Critical Infrastructure Testbed for Cyber-Security Training and Research. International Journal On Advances in Security, 10 (1&2), 2017, @2017 [Линк](#) (Не се индексира в изискуемите бази данни)

---

## 2015

---

6. **Tchorbadjieff A.**, Christo Angelov, Todor Arsov, Nina Nikolova, Ivo Kalapov, Aneta Boyadjieva. Sahara dust events over South-Western Bulgaria during the late spring of 2013. Comptes rendus de l'Académie bulgare des Sciences, 68, 10, Bulgarian Academy of Sciences, 2015, ISSN:1310-1331, DOI:10.7546/CRABS.2015.10.03, 1229-1234. SJR (Scopus):0.205, JCR-IF (Web of Science):0.233

Цитира се в:

8. Kolev, N., Savov, P., Evgenieva, T., Miloshev, N., Gueorguiev, O., Batchvarova, E., Kolarova, M., Danchevski, V., Ivanov, D, Petkov, D. Investigation of the atmospheric boundary layer and optical characteristics of the atmospheric aerosols over Sofia in summer 2016. AIP Conference Proceedings, 2075, Article number 120004, 2019, @2019 [Линк](#) (конкурс за доцент)
9. Bencherif, H., Bounhir, A., Bègue, N., Millet, T., Benkhaldoun, Z., Lamy, K., Portafaix, T., Gadouali, F. "Aerosol Distributions and Sahara Dust Transport in Southern Morocco, from Ground-Based and Satellite Observations". Remote Sensing, 14(10), Article no. 2454, 2022, @2022 [Линк](#) (конкурс за доцент)
10. Chicea, D., Olaru, S. "Profiling Particles of Sahara Dust Settled on the Ground by a Simplified Dynamic Light Scattering Procedure and Sedimentation." International Journal of Environmental Research and Public Health 20(6), art. no 4860, 2023, @2023 [Линк](#) (не е включен в конкурс за доцент)
11. Olaru, S. "Developing a Procedure and Device Based on Dynamic Light Scattering for Assessing the Particle Size in Technological Fluids". PhD Thesis. Universitatea „Lucian Blaga” din Sibiu, Romania, 2023, @2023 [Линк](#) (Дисертация. Не се индексира в изискуемите бази данни)

---

## 2016

---

7. Toneva D., Nikolova S., **Georgiev I.**, **Tchorbadjieff A.** Intra- and interobserver measurement error of linear measurements on three-dimensional computed tomography models of dry mandibles.. Acta Morphologica et Anthropologica, 23, Prof. Marin Drinov Publishing House of Bulgarian Academy of Sciences, 2016, ISSN:0861-0509, 102-110

Цитира се в:

12. Andreas Bertsatos, Konstantina Athanasopoulou and Maria-Eleni Chovalopoulou. Estimating sex using discriminant analysis of mandibular measurements from a modern Greek sample, Egyptian Journal of Forensic Sciences, 2019, 9:25, 2019, @2019 [Линк](#) (конкурс за доцент)
13. Arsenault, Andrew. "Social Stratification & Mummification in Ancient Egypt: The Inevitability of Variability in the Post-New Kingdom Mummification Program." (2021)., @2021 [Линк](#) (Дисертация. Не се индексира в изискуемите бази данни)
14. Kongkasuriyachai, N.P., Prasitwattanaseree, S., Case, D.T., Mahakkanukrauh, P. "Cranio-metric estimation of ancestry in Thai and Japanese individuals". Australian Journal of Forensic Sciences, 54 (3), 294-310, 2022, @2022 [Линк](#) (конкурс за доцент)

---

## 2017

---

8. Toneva D., Nikolova S., **Georgiev I.**, **Tchorbadjieff A.** Accuracy of linear craniometric measurements obtained from laser scanning created 3D models of dry skulls. Studies in Computational Intelligence, 681, Springer, 2017, ISBN:978-331949543-9, ISSN:1860949X, DOI:10.1007/978-3-319-49544-6, 215-229. SJR (Scopus):0.184

Цитира се в:

15. Knyaz, V. A., Leybova, N. A., Galeev, R., Novikov, M., and Gaboutchian, A. V. "PHOTOGRAMMETRIC TECHNIQUES FOR PALEOANTHROPOLOGICAL OBJECTS PRESERVING AND STUDYING". Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 525-530, 2018., @2018 [Линк](#) (конкурс за доцент)
16. Bertsatos, Andreas and Gkaniatsou, Elissavet and Papageorgopoulou, Christina and Chovalopoulou, Maria-Eleni. "What and how should we share?" An inter-method inter-observer comparison of measurement error with landmark-based craniometric datasets. Anthropologischer Anzeiger, 77 (2) , p. 109 - 120, 2020, @2020 [Линк](#) (конкурс за доцент)
17. Soto-Álvarez, C., Fonseca, G.M., Viciano, J., Alemán, J., Rojas-Torres, J., Zúñiga, M.H., López-Lázaro, S. "Reliability, reproducibility and validity of the conventional buccolingual and mesiodistal measurements on 3D dental digital models obtained from intra-oral 3D scanner". Archives of Oral Biology, 109, art. no. 104575, 2020., @2020 [Линк](#) (конкурс за доцент)

---

## 2019

---

9. **Mayster, P., Tchorbadjieff, A.** Logarithmic Lévy process directed by Poisson subordinator. Modern Stochastics: Theory and Applications, 6, 4, VTeX, 2019, ISSN:2351-6046 (Print), DOI:<https://doi.org/10.15559/19-VMSTA142>, 419-441. SJR (Scopus):0.261

Цитира се в:

18. Shirvani, A., Rachev, ST , Fabozzi, FJ . "Multiple subordinated modeling of asset returns: Implications for option pricing". ECONOMETRIC REVIEWS, 40(3), pp. 290-319, 2021. DOI: 10.1080/07474938.2020.1781404, @2021 [Линк](#) (конкурс за доцент)
  19. Shirvani, A. "Multiple Lévy Subordinator Processes with Applications in Finance". PhD Thesis, Texas Tech University, 2021, @2021 [Линк](#) (Дисертация. Не се индексира в изискуемите бази данни)
10. **Tchorbadjieff, A., Kotsev, Ts, Stoyanova, V, Tcherkezova, E..** K-MEANS CLUSTERING OF A SOIL SAMPLING SCHEME WITH DATA ON THE MORPHOGRAPHY OF THE OGOSTA VALLEY, NW BULGARIA. European Journal of Geography, 10, 2, EURO GEO - The European Association of Geographers, 2019, ISSN:1792-1341, 27-42. SJR (Scopus):0.261

Цитира се в:

20. Zhelezov, G., Benderev, A., Kolev, S., & Nikolov, K. "ВРЪЗКА НА ПРОСТРАНСТВЕНОТО РАЗПРЕДЕЛЕНИЕ НА ТЕЖКИТЕ МЕТАЛИ В ПОЧВАТА С МОРФОЛОГИЯТА НА ЗАМЪРСЕНИ ЗАЛИВНИ РЕЧНИ ТЕРАСИ (ТОРОМЕТ)". Problems of Geography, Vol.4, p. 67-78, 2020., @2020 [Линк](#) (Дисертация. Не се индексира в изискуемите бази данни)
11. **Tchorbadjieff, A., Angelov, I.** Change point analysis as a tool to detect abrupt cosmic ray muons variations. Georgiev K., Todorov M., Georgiev I. (eds) Advanced Computing in Industrial Mathematics. BGSIAM 2017, Studies in Computational Intelligence, 793, Springer, 2019, ISBN:978-3-319-97276-3, DOI:10.1007/978-3-319-97277-0\_32, 395-406. SJR (Scopus):0.215

Цитира се в:

21. M. Hussain, E. Foo and S. Suriadi. "An Improved Industrial Control System Device Logs Processing Method for Process-Based Anomaly Detection". 2019 International Conference on Frontiers of Information Technology (FIT), Islamabad, Pakistan, pp. 150-1505, 2019., @2019 [Линк](#) (конкурс за доцент)
  22. Silva, José. Modelos estatísticos e técnicas de inteligência artificial para estimativa do volume de clones de Eucalyptus spp. com adição de variáveis climáticas., @2020 [Линк](#) (Дисертация. Не се индексира в изискуемите бази данни)
12. **Mayster, Penka, Tchorbadjieff, Assen.** Supercritical Markov Branching Process with Random Initial Condition. Comptes rendus de l'Académie bulgare des Sciences, 72, 1, „Prof. Marin Drinov“ Academic Publishing House, 2019, ISSN:1310-1331, DOI:DOI: 10.7546/crabs.2019.01.03, 21-28. SJR (Scopus):0.218, JCR-IF (Web of Science):0.343

Цитира се в:

23. Меглена Делчева Лазарова. БРОЯЩИ ВЕРОЯТНОСТНИ РАЗПРЕДЕЛЕНИЯ И ПРИЛОЖЕНИЯ В МОДЕЛИ НА РИСК, 2021., @2021 [Линк](#) (Дисертация. Не се индексира в изискуемите бази данни)
24. Altynbekov, R., Ved', V., Kolesnikov, A., Volokitina, I., Kurbanbekov, K., Merekeyeva, A., Saipov, A. "Model of Dispersed Material Grinding as a Branching Process Modulated by Load." Journal of Chemical Technology and Metallurgy, 57(6), pp. 1251-1257, 2022, @2022 [Линк](#) (конкурс за доцент)

---

## 2020

---

13. Aydarova Zv., Ts. Kotsev, **A. Tchorbadjieff**, E. Tcherkezova, V. Stoyanova. Grouping of groundwater monitoring points in river floodplain according to the conditions for arsenic contamination. PROBLEMS OF GEOGRAPHY, 2020, 1-2, 2020, ISSN:0204-7209, DOI:<https://doi.org/10.35101/prg-2020.1-2.6>, 79-100

Цитира се в:

25. Prodanova, H. "Experimental mapping and assessment of ecosystem services based on multi-level landscape classification". Journal of the Bulgarian Geographical Society, Vol. 45, p. 31-39, 2021., @2021 [Линк](#) (конкурс за доцент)

14. Tchorbadjieff A., P. Mayster. Models induced from critical birth–death process with random initial conditions. Journal of Applied Statistics, 47, 13-15, Taylor & Francis, 2020, ISSN:0266-4763, DOI:https://doi.org/10.1080/02664763.2020.1732309, 2862-2878. SJR (Scopus):0.509, JCR-IF (Web of Science):1.404

Цитира се в:

26. Sun, Z., Yang, P., Wu, J., Yang, Y. "Optimal Investment Portfolio-Cheap Reinsurance-Threshold Dividend Strategies under Compound Poisson-Geometric Risk Process". Journal of Southwest University 44(07):96-105, 2022., @2022 [Линк](#) (Не се индексира в изискуемите бази данни)
27. Xia, X., Huang, W. "Investigations to the Dynamics of City-Size Distribution Containing Birth and Death Factors." Mathematical Problems in Engineering 2023, art. no 6910016, 2023, @2023 [Линк](#) (конкурс за доцент)

---

## 2021

---

15. Tomov, L., Tchorbadjieff, A., Angelov, S.. Age-specific mortality risk from Covid-19 in Bulgaria. Computer Science and Education in Computer Science, Нов български университет, 2021, ISSN:1313-8624, 14-17

Цитира се в:

28. Slavtchova-Bojkova M., Simeonova V. "Stochastic Modelling for Coronavirus (COVID'19) Pandemic in Bulgaria". CEUR Workshop Proceedings, 3191, pp. 143 - 158. 2022, @2022 [Линк](#) (конкурс за доцент)

---

## 2023

---

16. Marcheva, Z., Kotsev, T., Tchorbadjieff, A., Stoyanova, V.. Modeling of arsenic dynamics in groundwater of a river floodplain contaminated with mine tailings: Ogosta River case, NW Bulgaria. Journal of the Bulgarian Geographical Society, 48, Bulgarian Geographical Society, 2023, ISSN:2738-8107, DOI:10.3897/jbgs.e99206, 3-14

Цитира се в:

29. Burić, Dragan, et al. "Assessment of the environmental quality of Lake Skadar and its urban surroundings in Montenegro". European Journal of Geography 14.2, 76-87, 2023., @2023 [Линк](#) (не е включен в конкурс за доцент)
30. Nedkov S., Ananiev I., Prodanova H., Stoycheva V. 2023. Integrated mapping of ecosystems and assessment of forest ecosystem services at river basin scale. Silva Balcanica 24(3): 43-60. https://doi.org/10.3897/silvabalkanica.24.e115856, @2023 [Линк](#) (Не се индексира в изискуемите бази данни)
31. Prokop K, Polap K, Włodarczyk-Sielicka M and Jaszcz A. End-to-end system for monitoring the state of rivers using a drone. Front. Environ. Sci. 11:1303067, 2023. doi: 10.3389/fenvs.2023.1303067, @2023 [Линк](#) (не е включен в конкурс за доцент)

---

## 2024

---

17. Jordanova, P. K., Savov, M., Tchorbadjieff, A., Stehlík, M.. Mixed Poisson process with Stacy mixing variable. Stochastic Analysis and Applications, 42, 2, Taylor & Francis, 2024, ISSN:0736-2994, DOI:10.1080/07362994.2023.2242471, 289-305. SJR (Scopus):0.527, JCR-IF (Web of Science):1.3

Цитира се в:

32. Ghosh, Indranil. "Data augmentation based methods for estimating the parameters of the Feller-Pareto distribution: theory and applications." Research in Statistics 2.1 (2024): 2318387., @2024 [Линк](#) (Не се индексира в изискуемите бази данни)