

СПИСЪК

Цитати на публикациите на гл. ас. д-р Мария Стефанова Стойчева-Шамати за участие в конкурса за заемане на академична длъжност „доцент“, обявен в „Държавен вестник“ – брой: 46, от дата 26.5.2023 г., по направление 4.4 „Науки за Земята“, научна специалност „Физика на океана, атмосферата и околоземното пространство“.

Д10. Цитирания или рецензии в научни издания, реферирани и индексирани в световноизвестни бази данни (Scopus, Web of Science, ERIH+) с научна информация или в монографии и колективни томове (5т).

1. H. Chamati, M.S. Stoytcheva and G.A. Evangelakis. Immersed nano-sized Al dispersoids in an Al matrix; effects on the structural and mechanical properties by Molecular Dynamics simulations, *J. Phys. Condens. Matter* 16 (2004) 5031–5042.
 - 1.1. I.A. Ovid'ko and A.G. Sheinerman, *Nanoparticles as dislocation sources in nanocomposites* *J. Phys.: Condens. Matter* 18 (2006) L225–L232
 - 1.2. Z. Zhang and D.L. Chen. *Contribution of Orowan strengthening effect in particulate-reinforced metal matrix nanocomposites*, *Mater. Sci. Eng. A*, 483–484 (2008) 148–152
2. Nenovski, P., Chamati, M., Villante, M., De Lauretis, M. and P. Francia (2013). Scaling characteristics of SEGMA magnetic field data around the Mw6.3 Aquila earthquake. *Acta Geophysica*, Vol. 61(2), pp.311-337.
 - 2.1. Elizabeth Dologlou (2013). *Aspects on the origin of the precursory magnetic anomalies of the Mw 6.4 Aquila earthquake*, *Int J Earth Sci (Geol Rundsch)*, DOI 10.1007/s00531-013-0970-9
 - 2.2. Elizabeth Dologlou (2014) *An alternative approach to reveal critical behaviour in the case of the Mw 6.3 Aquila earthquake*, *International Journal of Earth Sciences*, Volume 103, Issue 6, pp 1725-1728
3. Chamati, M. (2020). ULF geomagnetic observation at Panagjuriste, Bulgaria as a tool for investigation of the magnetosphere-ionosphere-lithosphere system. *BGJ*, Vol. 43, pp.89-97.
 - 3.1. Prof. DSc. Nikolay Miloshev, Assoc. Prof. Dr. Petya Trifonova, *NATURAL RISK AND RESILIENCE – HOW THE NATIONAL GEO-INFORMATION CENTER IS ASSESSING AND COMMUNICATING THEM*, *SGEM2021*, Vol.21, pp.271-278, ISSN1314-2704, IBSN978-619-7603-22-4, doi: 10.5593/sgem2021/2.1/s08.36
 - 3.2. Trifonova, P., Metodiev, M., Radev, I. (2023). *Verification of 2020 Geomagnetic Models Over the Bulgarian Territory*. In: Dobrinkova, N., Nikolov, O. (eds) *Environmental Protection and Disaster Risks. EnviroRISks 2022. Lecture Notes in Networks and Systems*, vol 638. Springer, Cham. ISSN 2367-3370, pp 335–345 https://doi.org/10.1007/978-3-031-26754-3_29

Д11. Цитирания в монографии и колективни томове с научно рецензиране (3т)

4. Nenovski, P., Chamati, M., Villante, M., De Lauretis, M. and P. Francia (2013). Scaling characteristics of SEGMA magnetic field data around the Mw6.3 Aquila earthquake. *Acta Geophysica*, Vol. 61(2), pp.311-337
 - 4.1. Jivkov, V., Natarajan, V., Philipoff, Ph., Mandiev, P., Doneva, S., Tankovsky, Y., Paneva, A. (2018). *MODERN SATELLITE SYSTEMS AND BUILDING STRUCTURES CONTROL, X Jubilee International Scientific Conference „Civil Engineering Design and Construction “(Science and Practice), Sept. 20-22, 2018, Varna, Bulgaria, pp. 189-196*
 - 4.2. Jivkov, Venelin et al. (2017). *SATELLITE MONITORING OF LOCAL ANOMALIES OF THE TEMPERATURE, ELECTROMAGNETIC AND GAS EMISSIONS ON THE GROUND SURFACE, Proceedings of the 15th International Conference on New Trends in Statics and Dynamics of Buildings October 19-20, 2017 Bratislava, Slovakia Faculty of Civil Engineering STU Bratislava, pp.124-132 Slovak Society of Mechanics SAS Tecnológico de Monterrey, Campus Puebla, Mexico*
5. Chamati, M., P. Nenovski, M. Vellante, U. Villante, K. Schwingenschuh, M. Boudjada, V. Wesztergom (2009). Application of DFA method to magnetic field data from SEGMA array. *BGJ*, Vol. 35, pp.3-16.
 - 5.1. P. Sindirgi, N. Sungurl (2020). *Self-potential Monitoring and Detrended Fluctuation Analysis (DFA): A Case Study of Izmir-Urla Example. Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi*, 22 (66), 781-792. DOI: 10.21205/deufmd.2020226613

Общо Д11: 9

Д12. Цитирания или рецензии в нереферирани списания с научно рецензиране (2т)

6. Chamati, M. (2020). ULF geomagnetic observation at Panagjuriste, Bulgaria as a tool for investigation of the magnetosphere-ionosphere-lithosphere system. *BGJ*, Vol. 43, pp.89-97.
 - 6.1. M. Metodiev, P. Trifonova, (2021). *ANNUAL REPORT OF THE OBSERVED GEOMAGNETIC ACTIVITY AT PANAGJURISHTA OBSERVATORY FOR 2016, BGJ, Vol.44, pp 75-91*
 - 6.2. M. Metodiev, P. Trifonova, (2021). *ANNUAL REPORT OF THE OBSERVED GEOMAGNETIC ACTIVITY AT PANAGJURISHTA OBSERVATORY FOR 2017, BGJ, Vol.44, pp.92-108*
7. M. Chamati and B. Andonov (2021). Effects of a Strong Thunderstorm on the ULF Geomagnetic Field Variations, Conference Proceedings, 11th Congress of the Balkan

Geophysical Society, 10-15 Oct 2021, Volume 2021, Bucharest, Romania, EAGE, DOI: <https://doi.org/10.3997/2214-4609.202149BGS5>

- 7.1. M. Metodiev, P. Trifonova, (2021). ANNUAL REPORT OF THE OBSERVED GEOMAGNETIC ACTIVITY AT PANAGJURISHTA OBSERVATORY FOR 2016, BGJ, Vol.44, pp 75-91
- 7.2. M. Metodiev, P. Trifonova, (2021). ANNUAL REPORT OF THE OBSERVED GEOMAGNETIC ACTIVITY AT PANAGJURISHTA OBSERVATORY FOR 2017, BGJ, Vol.44, pp.92-108
8. Nenovski, P., Chamati, M., Villante, M., De Lauretis, M. and P. Francia (2013). Scaling characteristics of SEGMA magnetic field data around the Mw6.3 Aquila earthquake. Acta Geophysica, Vol. 61(2), pp.311-337
 - 8.1. Jivkov V, Natarajan V, Paneva A, Philipoff P., (2017). Forecasting of Strong Earthquakes $M > 6$ According to Energy Approach. J Earth Sci Clim Change 8: 433. doi:10.4172/2157-7617.1000433
 - 8.2. Е. Ойнаков, И. Александрова, М. Попова. Пространствена и времева вариация на сеизмичността в България на основа Каталога на земетресенията (1981-2019). Problems of Geography, Vol 1–2, 2023.
 - 8.3. Radan Ivanov, Emil Oynakov, Irena Alksanova. Evaluation of the fundamental frequency and damping of a cast-in-situ reinforced-concrete building by ambient noise analysis. Problems of Geography, Vol 1–2, 2023.
9. Chamati, M. and E. Botev (2019). Nonlinear Analysis of Geomagnetic Variations Data from Panagyuriste Geomagnetic Observatory, Bulgaria. Proceedings of the 10th Congress of the Balkan Geophysical Society, 18-22 September 2019, Albena, Bulgaria, EAGE, DOI 10.3997/2214-4609.201902631
 - 9.1. Е. Ойнаков, И. Александрова, М. Попова. Пространствена и времева вариация на сеизмичността в България на основа Каталога на земетресенията (1981-2019). Problems of Geography, Vol 1–2, 2023.
 - 9.2. Radan Ivanov, Emil Oynakov, Irena Alksanova. Evaluation of the fundamental frequency and damping of a cast-in-situ reinforced-concrete building by ambient noise analysis. Problems of Geography, Vol 1–2, 2023.
10. Petya Trifonova, Liliya Dimitrova, Metodi Metodiev, Maria Chamati, Plamena Raykova (2021). EARTHQUAKE EFFECTS RECORDED ON MAGNETOGRAM - WHERE, WHEN AND WHY. 21th International Multidisciplinary Scientific GeoConference SGEM 2021, 21, 1.1, 2022, ISBN: 978-619-7603-20-0, ISSN: 1314-2704, DOI:10.5593/sgem2021/1.1/s05.084, 693-700. SJR (Scopus): 0.232
 - 10.1. Е. Ойнаков, И. Александрова, М. Попова. Пространствена и времева вариация на сеизмичността в България на основа Каталога на земетресенията (1981-2019). Problems of Geography, Vol 1–2, 2023.
11. Chamati, M., P. Nenovski, M. Vellante, U. Villante, K. Schwingenschuh, M. Boudjada, V. Wesztergom (2009). Application of DFA method to magnetic field data from SEGMA array. BGJ, Vol. 35, ISSN: 2683-1317, pp.3-16.

11.1. *Radan Ivanov, Emil Oynakov, Irena Alksanrova. Evaluation of the fundamental frequency and damping of a cast-in-situ reinforced-concrete building by ambient noise analysis. Problems of Geography, Vol 1–2, 2023.*

Общо Д12: 22

Подпис:

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