

СПИСЪК НА НАУЧНИТЕ ПУБЛИКАЦИИ

за участие в конкурс за академична длъжност „доцент“ в професионално направление
4.4. Науки за Земята по научна специалност “ Сеизмология и вътрешен строеж на
Земята ”

от гл. ас. д-р Емил Илиев Ойнаков

I. ПУБЛИКАЦИИ ПО КОНКУРСА

A1. Дисертационен труд за присъждане на образователна и научна степен „доктор“

Емил Ойнаков (2017) Микросеизмичен шум,практически приложения, Автореферат,
МГУ „Св. Иван Рилски“

B4. Научни публикации в издания, които са реферирали и индексирани в световноизвестни бази данни с научна информация Scopus, Web of Science, ERIH+

B4-1 Solakov D., S. Simeonova, P. Raykova, E. Oynakov, I. Aleksandrova. GMPEs used in seismic hazard assessment for Bulgaria-selection and testing in Bulgaria. Source: Conference Proceedings, 10th Congress of the Balkan Geophysical Society, Sep 2019, Volume 2019, p.1 -, 2019

B4-2 E. Oynakov, I. Aleksandrova, D. Solakov, M. Chamati. Synchronization of micro-seismic noise and its statistical parameters before ridgecrest earthquake M7.1 ON 6-TH OF JULAY 2019. 20th International Multidisciplinary Scientific GeoConference SGEM 2020, 20, 1.2, 2020, ISBN:978-619-7603-05-7, ISSN:1314-2704, DOI:10.5593/sgem2020/1.2/s05.081, 639-646

B4-3 Dimitrova L., Georgieva G., Trifonova P., Oynakov E., Protopopova V., Metodiev M.. Seismic sources and Earth structure in the transition zone between Fore-Balkan unit and Moesian platform, NE Bulgaria. Acta Geodaetica et Geophysica, Springer, 2020, ISSN:2213-5812, DOI:<https://doi.org/10.1007/s40328-020-00288-3>

B4-4 E. Oynakov, D.Solakov, B. Ranguelov, S. Dimovski. Correlation between gravity and magnetic fields on the territory of bulgaria. 20th International Multidisciplinary Scientific GeoConference SGEM 2020, 20, 1.2, 2020, ISBN:978-619-7603-05-7, ISSN:1314-2704, DOI:10.5593/sgem2020/1.2/s05.065, 511-518

B4-5 Maria Chamati, Emil Oynakov, Dimcho Solakov, Irena Aleksandrova. Effects of synchronization between ultra low frequency geomagnetic components variations

and seismic noise. 20th International Multidisciplinary Scientific GeoConference SGEM 2020, 20, 1.2, 2020, ISBN:978-619-7603-05-7, ISSN:1314-2704, DOI:10.5593/sgem2020/1.2/s05.068, 535-542

B4-6 E. Oynakov, D. Solakov, I. Aleksandrova, M. Popova, D. Dragomirov. 3D Modeling of Water-saturated Layers by Using the HVSR Method of Poisson. 11th Congress of the Balkan Geophysical Society, 2021, European Association of Geoscientists & Engineers, 2021, DOI:<https://doi.org/10.3997/2214-4609.202149BGS18>

B4-7 Maria Popova, Dragomir Dragomirov, Emil Oynakov, Valentin Buchakchiev, Yordan Milkov. Seismicity in bulgaria and surroundings in the first 20 years of the twenty-first century. Proceedings of 21th International Multidisciplinary Scientific Geoconference SGEM 2021, International Multidisciplinary Scientific Geoconference, 2021

B4-8 E. Oynakov, D. Solakov, I. Aleksandrova, I. Milkov. Spatial Variation of Precursory Seismic Quiescence Observed Before Earthquake from 01.04. 2010 in the Region of Crete. International conference on Environmental protection and disaster RISKs, Springer, 2021, ISBN:978-619-7065-38-1, DOI:https://doi.org/10.1007/978-3-030-70190-1_16, 231-242

B4-9 Liliya Dimitrova, Emil Oynakov, Lyubka Pashova, Dragomir Dragomirov. Assessment of the historical and recent seismicity of the black sea region. Proceedings of 21th International Multidisciplinary Scientific GeoConference SGEM 2021, 21, Issue 1.1, 21st International Multidisciplinary Scientific GeoConference SGEM 2021, 2021, ISBN: 978-619-7603-20-0, ISSN:1314-2704, DOI:10.5593/sgem2021/1.1/s05.078, 645-652

B4-10 Popova, M., E. Oynakov, D. Solakov, I. Aleksandrova, D. Dragomirov, R. Ivanov. Experimental Evaluation of the Dynamical Parameters f0 and A0 Using the Method HVSR. Conference Proceedings, 11th Congress of the Balkan Geophysical Society, 2021, European Association of Geoscientists & Engineers, 2021, DOI:<https://doi.org/10.3997/2214-4609.202149BGS25>, 1-5

Г7. Научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация

G7-1 Aleksandrova I., Solakov D., Oynakov E.. Comparison of notssi network stations' corrections, after analysis of the seismic noise and earthquakes, using the method for calculating the ratio of the amplitude spectrues of h-v signal component. Proc. International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 21, pp. 435-442, 1.1, 2021, ISSN:1314-2704, DOI:10.5593/sgem2021/1.1/s05.080

Г7-2 E. Oynakov, E. Botev. Spatial and time variations of seismicity before strong earthquakes in the southern part of Balkans.. Annals of Geophysics, 2021, ISSN:15935213, 2037-416X, DOI:<https://doi.org/10.4401/ag-8566>

Г7-3 E.Oynakov, E.Botev. Fractal properties of seismicity and active faults in Balkan. Journal of Volcanology and Seismology, vol.15, issue 6, Springer, 2021, ISSN:0742-0463, DOI:DOI: 10.1134/S0742046321060087Г7-4

Г7-4 E. Oynakov, D. Solakov, I. Aleksandrova. Assessment of station corrections (site-effect) for seismic stations from the bulgarian seismic network calculated on the basis of local and regional earthquakes. Proceedings of 21th International Multidisciplinary Scientific GeoConference SGEM 2021, 2021, International Multidisciplinary Scientific GeoConference : SGEM, 2021, DOI:DOI:10.5593/sgem2021/L1/s05.077

Г7-5 Atanasova M., Nikolov H., Oynakov E. CO-SEISMIC SURFACE DISPLACEMENTS AFTER THE EARTHQUAKES IN LARISSA, 3 MARCH 2021, DERIVED BY DINSAR. Proceedings of 21th International Multidisciplinary Scientific GeoConference SGEM 2021, Volume: 21, Book number: 2.1, International Multidisciplinary Scientific Geoconference, 2021, ISBN:1314-2704, ISSN:978-619-7603-22-4, DOI:10.5593/sgem2021/2.1/s10.64, 521-528

Г7-6 E. Oynakov, D. Solakov, I. Aleksandrova. Study of the Seasonal Changes of the Amplitude-frequency Characteristics of the Microseismic Noise. 11th Congress of the Balkan Geophysical Society, 2021, European Association of Geoscientists & Engineers, 2021, DOI:<https://doi.org/10.3997/2214-4609.202149BGS4>, 1-5

Г8. Научна публикация в нереферирани списания с научно рецензиране или в редактирани колективни томове

Г8-1 Oynakov E., Ranguelov B.. Sensitivity Of The Method Of Microseismic Drilling At Depth Research In Different Seismic Zones - Vrancha And Calabria. , Сборника с Научни трудове по физика на Пловдивския университет "Паисий Хилендарски" от V Национална студентска, научна сесия по физика и инженерни технологии, Пловдивския университет "Паисий Хилендарски", 2016, ISSN:0861-0029

Г8-2 Oynakov E.. Deep Seismic Sounding by Microseismic Tremor (SSMT) Broadband Signals for Calabria Seismic Zone. International Academy Journal Web of Scholar, 6, Warsaw: RS Global Sp. z O.O, 2016, ISSN:2518-167X, DOI:10.31435/rsglobal_wos

Г8-3 Ranguelov B., Asenova T., Oynakov E.. Project A C U S A N (Acoustic Investigations in Antarctica). Collection Contains reports - Thirteenth International

Scientific Conference „Space, Ecology, Safety- SES 2017, Space Research and Technology Institute – Bulgarian Academy of Sciences, 2017, ISSN:1313 – 3888

Г8-4 Ирена Александрова, Пламена Райкова, Емил Ойнаков. Сеизмичен анализ на земетресението от 26 ноември 2017 г., в района на град Клисура. ПРОБЛЕМИ НА ГЕОГРАФИЯТА, Книга 3-4, НИГТГ, 2018, ISSN:0204-7209, 128-138

Г8-5 Dimcho Josifov, Boyko Ranguelov, Emil Oynakov. Preliminary data about the asthenosphere structure in bulgaria. xxviiiinternational symposium onmodern technologies, education and professional practice in geodesy and related fields, 2018, ISSN:2367-6051

Г8-6 E. Oynakov, D. Solakov, I. Aleksandrova. Research on the fractal statistical characteristics as possible prognostic parameters for earthquakes, generated in the seismic zone of vrancea, in the period between 01.08.2016 and 30.12.2016. International Academy Journal Web of Scholar, 8, 1, RS Global Sp. z O.O., Scientific Educational Center Warsaw, Poland, 2019, ISSN:2518-167X, DOI:10.31435/rsglobal_wos, 3-12

Г8-7 E. Oynakov, I. Aleksandrova, D. Solakov. Variations of the parameters of background seismic noise in the stage of preparation of strong earthquakes in the vrancea region. Bulgarian Geophysical Journal, Vol. 42, 42, Bulgarian Academy of Sciences, 2019, DOI:<https://doi.org/10.34975/bgj-2019.42.10>

Г8-8 V. Buchakchiev, E. Oynakov, D. Dragomirov, Y. Milkov. Seismicity on the territory of bulgaria and the adjacent lands recorded by notssi in 2017. Bulgarian Geophysical Journal, Vol. 42, 42, BAS, 2019, DOI:<https://doi.org/10.34975/bgj-2019.42.9>

Г8-9 Емил Ойнаков, Димчо Солаков, Ирена Александрова. Фрактални характеристики на случайните флукутации на сеизмичните записи (математически аппарат и схема на поетапната обработка). Проблеми на географията, 2, Българска Академия на Науките, 2019, ISSN:0204-7209, 2367-6671

Г8-10 Ойнаков Е., Александрова И.. Сеизмични характеристики на земетресението от 28.10.2018 г., генерирано в сеизмогенна област Вранча, Румъния. Проблеми на географията, 1, 1/2019, Българска Академия на Науките, 2019, ISSN:0204-7209 (print); 2367-6671 (online), 18-29

Г8-11 Ойнаков Е., Солаков Д., Рангелов Б.. Сеизмопрогностичните свойства на микросеизмичния шум в минутния диапазон. Сборник популярни и научни доклади: Дни на физиката 2019, 11, ИЗДАТЕЛСТВО НА ТЕХНИЧЕСКИ УНИВЕРСИТЕТ –СОФИЯ, 2019, ISSN:1313-9576, 84-94

Г8-12 D. Dragomirov, E. Oynakov, V. Buchakchiev, Y. Milkov. Seismicity on the territory of bulgaria and the adjacent lands recorded by notssi in 2018. Bulgarian

Geophysical Journal, Vol. 42, 42, BAS, 2019, DOI:<https://doi.org/10.34975/bgj-2019.42.10>

Г8-13 Emil Oynakov, Dimcho Solakov, Irena Aleksandrova, Yordan Milkov. Seismicity patterns associated with earthquakes on the balkan peninsula. 1st International conference on ENVIROnmental protection and disaster RISKs, Az-buki National Publishing House, 2020, ISBN:978-619-7065-38-1, 331-342

Г8-14 Emil Oynakov, Dimcho Solakov, Irena Aleksandrova. Seismic stations site-effect for the national operative telemetric system for seismological information (notssi) network calculated on the basis of microseismic noise. 1st International conference on ENVIROnmental protection and disaster RISKs, 2, Az-buki National Publishing House, 2020, ISBN:978-619-7065-38-1, 342-353

Г8-15 Emil Oynakov, Emil Botev. Hidden Periodicity in the "Stream" of Earthquakes in the Southern Part of the Balkan Peninsula. "Space, Ecology, Safety" S E S 2020 PROCEEDINGS, Space Research and Technology Institute – Bulgarian Academy of Sciences, 2020, ISSN:p-ISSN 2603 – 3313 , e-ISSN 2603 – 3321, 244-249

Г8-16 D. Dragomirov, E. Oynakov, V. Buchakchiev, Y. Milkov. SEISMICITY ON THE TERRITORY OF BULGARIA AND THE ADJACENT LANDS RECORDED BY NOTSSI IN 2019. Bulgarian Geophysical Journal, 43, Bulgarian Academy of Sciences, 2020, ISSN:ISSN 2683-1317, DOI:DOI: 10.34975/bgj-2020.43.5, 59-70

Г8-17 D. Dragomirov, E. Oynakov, V. Buchakchiev, Y. Milkov. SEISMICITY ON THE TERRITORY OF BULGARIA AND SURROUNDINGS RECORDED BY NOTSSI FOR THE PERIOD 2017-2019. 1st International conference on ENVIROnmental protection and disaster RISKs, 2, Az-buki National Publishing House, 2020, ISBN:978-619-7065-38-1

31.05.2023 г.



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