

## **Секция „Физика на йоносферата“**

### 2013 година

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3. Mukhtarov, P, Andonov, B, Pancheva, D. Global empirical model of TEC response to geomagnetic activity. *JOURNAL OF GEOPHYSICAL RESEARCH*, 118, 10, 2013, ISSN:0148-0227, DOI:10.1002/jgra.50576, 6666-6685. SJR:2.31, ISI IF:3.258 C ISI IF - Q4.
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5. Mukhtarov, P, Pancheva, D, Andonov, B, Pashova, L. Global TEC maps based on GNSS data: 2. Model evaluation. *Journal of Geophysical Research: Space Physics*, 118, 7, AGU, 2013, ISSN:21699402, DOI:10.1002/jgra.50412, SJR:2.031, ISI IF:3.108 C ISI IF - Q4.
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8. Mukhtarov, P, Pancheva, D, Andonov, B. Hybrid model for long-term prediction of the ionospheric global TEC. *Journal of Atmospheric and Solar-Terrestrial Physics*, 119, ELSEVIER, 2014, ISSN:1364-6826, DOI:<http://dx.doi.org/10.1016/j.jastp.2014.05.009>, 1-10. ISI IF:1.463 C ISI IF - Q4.
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15. Килифарска Н.А., Бахмутов В.Г., Мельник Г.В.. Связь изменений климата с геомагнитным полем. Часть 2: Возможный механизм. Геофизический журнал, 37, 5, Инстит. Геофизики, Украинской АН, 2015, 66-92 Международно академично издательство.
16. Килифарска Н.А., Бахмутов В.Г., Мельник Г.В.. Геомагнитное поле – климат в XX столетии: причинно-следственные связи и возможный механизм. ИФЗ РАН, 2015, ISBN:ISBN 978-5-906682-44, 93-99 Национално академично издательство.
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26. Rumiana Bojilova. Ionosphere and some practical applications for radio communications. JOURNAL OF PHYSICS AND TECHNOLOGY, 1, 2, PLOVDIV UNIVERSITY PRESS "PAISII HILENDARSKI", 2017, ISSN:2535-0536, 43-47.
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31. Румяна Божилова, Пламен Мухтаров. Приложение на метода най-малки квадрати при анализ на времеви редове геофизични данни. Изследване на спектрални характеристики. Сборник с доклади от 45-та НАЦИОНАЛНА КОНФЕРЕНЦИЯ ПО ВЪПРОСИТЕ НА ОБУЧЕНИЕТО ПО ФИЗИКА „Експериментът – основа на образованието по физика“, 2017.
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39. Kilifarska N., Neidalkov R., Botev E.. Pre-seismic anomalies in geomagnetic field and their relation to the earthquakes' parameters. Proceedings of Bulgar. Geophys. Union, BGU, 2018 Национално академично издателство
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