

**Списък на публикациите по темата на конкурса
на гл.ас. д-р инж. Галя Николова Георгиева-Цанева,
представени за участие в конкурс**

за заемане на академична длъжност „Доцент” в област на висше образование

5. Технически Науки, професионално направление 5.2. Електротехника, електроника и автоматика, (Обработка и анализ на биосигнали в медицинската роботика),
обявен от ИР-БАН в Държавен Вестник брой 55/02.07.2021 г.

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2. **Georgieva-Tsaneva G.,** E. Gospodinova, M. Gospodinov, K. Cheshmedzhiev. Portable Sensor System for Registration, Processing and Mathematical Analysis of PPG Signals. Applied Scences, 10, 3, MDPI, 2020, ISSN:2076-3417, 22стр, DOI:<https://doi.org/10.3390/app10031051>, **IF (Web of Science): 2.474**
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3. Cheshmedzhiev K., **Georgieva-Tsaneva G.** Obtaining the Physiological Data using the Photoplethysmographic Method. In: Proceedings of CBU International Conference on Innovations in Science and Education, Prague, Czech Republic, 6, CBU Research Institute s.r.o., Prague, Czech Republic, 2018, ISBN:978-80-270-5037-6, ISSN:1805-997X, DOI:<http://dx.doi.org/10.12955/cbup.v6.1265>, 881-886, **(Web Of Science)**
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4. **Georgieva-Tsaneva, G.,** Bogdanova, G. Investigation of the dependence of the evaluation parameters in protection of cardio data on the applied wavelet basis. In: Proceedings of the 17th International Workshop on Algebraic and Combinatorial Coding Theory (ACCT), Publisher: IEEE, 2020, pp. 61-66 Electronic ISBN:978-1-6654-0287-3, DOI:10.1109/ACCT51235.2020.9383364,**(Scopus)**
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6. E. Gospodinova, M. Gospodinov, **G. Georgieva-Tsaneva,** K. Cheshmedzhiev. Body Sensor Network for Remote Monitoring of Patient Cardiac Status. In: Proceedings of the XI National Conference with International Participation "Electronica 2020", pp.106-109, May 14 - 15, 2020, Sofia, Bulgaria, IEEE, 2020, Electronic ISBN:978-1-7281-7531-7. DOI:10.1109/ELECTRONICA50406.2020.9305117,**(Scopus)**
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7. **Georgieva-Tsaneva G.** Effective information methods for description and storage of data in health care. International Journal of Mechanical Engineering and Technology, 10, 2, International Association of Engineering and Management Education, 2019, ISSN:0976-6359, 708-715. **SJR (Scopus):0.21, Q3.** https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_10_ISSUE_2/IJMET_10_02_073.pdf
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11. **Georgieva-Tsaneva G., M. Gospodinov, G. Bogdanova.** Online Platform for Processing and Storage of Information in the Field of Medicine: Improving Education of the Medical Students. Proceedings of 11th International Conference on Education and New Learning Technologies, Palma, Spain, 01-03.07.2019, IATED, 2019, ISBN:978-84-09-12031-4, ISSN:2340-1117, DOI:10.21125/edulearn.2019.1223, 4899-4906 **(Web of Science)** <https://library.iated.org/view/GEORGIEVATSANEVA2019ONL>
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15. **Georgieva-Tsaneva, G.** An Interactive Teaching System for Investigation of Heart Rate Variability. Proceedings of 23rd International Conference on System Theory, Control and Computing, pp. 161-166. Institute of Electrical and Electronics Engineers (IEEE), 2019, ISBN:978-1-7281-0699-1, (**Scopus**) DOI:10.1109/ICSTCC.2019.8885549 <https://ieeexplore.ieee.org/document/8885549>
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