

Костадин Ганчев Ганев,
номиниран за академик в областта “Науки за земята”,
в конкурса за нови академици (действителни членове) на БАН – 2021 г. обявен на
сайта на БАН и във в. „24 часа“ на 17.05.2021 г.

Списък на публикациите за периода 2016 – 2021 г. – в конкурса участвам с всички публикации

Обобщени данни:

Научни публикации в международни списания и поредици, включително такива с импакт-фактор: 17

Импакт-фактор: 0,71

SJR: 3.839

Доклади в сборници на международни конференции (в пълен текст): 6

II. Научни публикации в международни списания и поредици, включително такива с импакт-фактор:

- II.1 Ivelina Georgieva, Georgi Gadzhev, Kostadin Ganev, Dimitris Melas, Tijian Wang. *High Performance Computing Simulations of the Atmospheric Composition in Bulgaria and the City of Sofia*. CYBERNETICS AND INFORMATION TECHNOLOGIES, Volume 17, No 5, 2017, pp. 37-48, SJR:0.203
- II.2 Hristo Chervenkov, Vladimir Ivanov, Georgi Gadzhev, Kostadin Ganev. *Sensitivity study of Different RegCM4.4 model set-ups – recent results from the TVRegCM experiment*. CYBERNETICS AND INFORMATION TECHNOLOGIES, Volume 17, No 5, 2017, pp. 17-26, SJR:0.203
- II.3 Ivelina Georgieva, Georgi Gadzhev, Kostadin Ganev, and Nikolay Miloshev., *Computer Simulations of Atmospheric Composition in Urban Areas. Some Results for the City of Sofia*, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2018, Volume 10665, LNCS, pp. 474-482. (SJR: 0.339)
- II.4 Georgi Gadzhev, Vladimir Ivanov, Kostadin Ganev, and Hristo Chervenkov, *TVRegCM Numerical Simulations - Preliminary Results*, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Volume 10665 LNCS, 2018, pp. 266-274. (SJR: 0.339)
- II.5 Gadzhev, G., Georgieva, I., Ganev, K., Ivanov, V., Miloshev, N., Chervenkov, H., Syrakov, D. *Climate applications in a virtual research environment platform*. Scalable Computing, Volume 19, Issue 2, 2018, Pages 107-118, SJR:0.180
- II.6 Georgieva, I., Gadzhev, G., Ganev, K. and Miloshev, N., *ANALYSIS OF DYNAMICAL AND CHEMICAL PROCESSES WHICH FORM ATMOSPHERIC COMPOSITION*

- OVER BULGARIA, SGEM 2018, 18, 4.3, (2018), ISBN:978-619-7408-70-6, ISSN:1314-2704, DOI:10.5593/sgem2018/4.3, pp. 167-179 (SJR: 0.232)
- II.7 G. Gadzhev and K. Ganey. *VERTICAL STRUCTURE OF SOME POLLUTANT OVER BULGARIA - OZONE AND NITROGEN DIOXIDE*. SGEM 2018, 18, 4.3, (2018), ISBN:978-619-7408-70-6, ISSN:1314-2704, DOI:10.5593/sgem2018/4.3, pp. 449-454 (SJR: 0.232)
- II.8 Gadzhev, G., Georgieva, I., Ganey, K., and Miloshev, N. *Contribution of different emission sources to the atmospheric composition formation in the city of Sofia*, Int. J. Environment and Pollution, Vol. 64, Nos. 1/3, 2018, pp. 47–57 DOI: 10.1504/IJEP.2018.099146 (IF: 0.71)
- II.9 Ivanov V., Gadzhev G., Ganey K., Chervenkov H. *Sensitivity of the simulated Heat Risk in Southeastern Europe to the RegCM Model Configuration - preliminary results*. In: I. Lirkov and S. Margenov (Eds.): LSSC 2019, LNCS 11958, pp. 340–347, 2020. https://doi.org/10.1007/978-3-030-41032-2_39 (SJR: 0.339)
- II.10 Georgieva I., Gadzhev G., Ganey K., Miloshev N. *Process Analysis of Atmospheric Composition Fields in Urban Area (Sofia City)*. In: I. Lirkov and S. Margenov (Eds.): LSSC 2019, LNCS 11958, pp. 228–236, 2020. https://doi.org/10.1007/978-3-030-41032-2_26 (SJR: 0.339)
- II.11 Gadzhev G., Ganey K., Mukhtarov P. *Statistical Moments Of The Vertical Distribution Of Air Pollution Over Bulgaria*. I. Lirkov and S. Margenov (Eds.): LSSC 2019, LNCS 11958, pp. 213–219, 2020. https://doi.org/10.1007/978-3-030-41032-2_24 (SJR: 0.339)
- II.12 Gadzhev G., Ganey K., Mukhtarov P. *HPC Simulations of the Atmospheric Composition Bulgaria's Climate (on the example of coarse particulate matter pollution)*, HPC 2019, SCI 902, pp. 221-233, (2021) https://doi.org/10.1007/978-3-030-55347-0_19 (SJR: 0.215)
- II.13 Gadzhev G., Ivanov V., Valcheva R., Ganey K., Chervenkov H., *HPC Simulations of the Present and Projected Future Climate of the Balkan Region*, HPC 2019, SCI 902, pp. 234-248, (2021) https://doi.org/10.1007/978-3-030-55347-0_20 (SJR: 0.215)
- II.14 Ivanov V., Chervenkov H., Gadzhev G., Ganey K. *DEGREE-DAYS AND AGRO-METEOROLOGICAL INDICES IN PROJECTED FUTURE CLIMATE OVER SOUTHEAST EUROPE*, SGEM 2020, Vol 20, N 4.1, ISBN:978-619-7603-09-5, ISSN:1314-2704, pp. 373-380 DOI:10.5593/sgem2020/4.1/s20.047 (SJR: 0.232)
- II.15 Hristo Chervenkov, Georgi Gadzhev, Vladimir Ivanov and Kostadin Ganey , *Trend Analysis of CMIP5 Ensemble of Climate Indices over Southeast Europe with Focus on Agricultural Impacts*, CYBERNETICS AND INFORMATION TECHNOLOGIES, Volume 20, No 6, (2020), ISSN:1311-9702, pp. 155-165, DOI:10.2478/cait-2020-0069 SJR 0.27.
- II.16 Hristo Chervenkov, Georgi Gadzhev, Vladimir Ivanov, Kostadin Ganey and Dimitrios Melas, *Degree-day Climatology over Central and Southeast Europe for the Period 1961–2018 - Evaluation in High Resolution*, CYBERNETICS AND INFORMATION TECHNOLOGIES, Volume 20, No 6, (2020), ISSN:1311-9702, pp. 166-174, DOI:10.2478/cait-2020-0070 SJR 0.27.

- II.17 Ivelina Georgieva, Georgi Gadzhev and Kostadin Ganey (2021) Study the Recurrence of the Dominant Pollutants in the Formation of AQI Status Over the City of Sofia for the Period 2013-2020. in editors: Lirkov, Margenov proceedings of the 13th International Conference on "Large Scale Scientific Computations", June 07-11, 2021, Sozopol, Bulgaria, Springer Lecture Notes in Computer Science. (SJР: 0.339) (accepted for publishing)

III. Доклади в сборници на международни конференции (в пълен текст) (общо 97):

- III.1. Gadzhev, G., Georgieva, I., Ganey, K., Miloshev, N., *CONTRIBUTION OF DIFFERENT EMISSION SOURCES TO THE ATMOSPHERIC COMPOSITION FORMATION IN CITY OF SOFIA*, HARMO 2018 - 18th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Proceedings, (2017), pp. 236-240.
- III.2. G. Gadzhev and K. Ganey. *Vertical structure of atmospheric composition fields over Bulgaria*, International Conference on "Numerical Methods for Scientific Computations and Advanced Applications" (NMSCAA'18), Hisarya. Bulgaria, 27 – 31 May 2018, pp. 38-41
- III.3. G. Gadzhev and K. Ganey. *VERTICAL STRUCTURE OF AIR POLLUTANT FIELDS OVER BULGARIA*, 19th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (Harmo'19) 3-6 June 2019, Bruges, Belgium
- III.4. Georgieva, I., Gadzhev, G., Ganey, K., Miloshev, N. *ANALYSIS OF THE CONTRIBUTION OF DIFFERENT PROCESSES (CHEMICAL AND DYNAMICAL) WHICH FORM THE ATMOSPHERIC COMPOSITION IN SOFIA*, 19th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (Harmo'19) 3-6 June 2019, Bruges, Belgium
- III.5. Hristo Chervenkov, Vladimir Ivanov, Georgi Gadzhev and Kostadin Ganey, *Assessment of the FUTURE CLIMATE over Southeast Europe based on CMIP5 ensemble of climate indices – Part One: Results and discussion*, Proceeding of 1st International conference on ENVIRONmental protection and disaster RISks, 29-30 September 2020, Sofia, Bulgaria, ISBN 978-619-7065-38-1, pp. 144 – 156, <https://doi.org/10.48365/envr-2020.1.13>
- III.6. Hristo Chervenkov, Vladimir Ivanov, Georgi Gadzhev and Kostadin Ganey, *Assessment of the FUTURE CLIMATE over Southeast Europe based on CMIP5 ensemble of climate indices – Part Two: Results and discussion.*, (2020), Proceeding of 1st International conference on ENVIRONmental protection and disaster RISks, 29-30 September 2020, Sofia, Bulgaria, ISBN 978-619-7065-38-1, pp. 157 – 169, <https://doi.org/10.48365/envr-2020.1.14>

A handwritten signature in black ink, consisting of a stylized 'K' followed by a long, sweeping horizontal stroke that ends in a small upward flick.

26.05.2021 г.

проф. дн Костадин Ганев, член-кореспондент на БАН