

## Списък на забелязаните цитати на кандидата за конкурса

за участие в конкурс за заемане на академична длъжност „доцент“ по научна специалност 4.4. Науки за Земята, научна специалност “Физика на океана, атмосферата и околоземното пространство” за нуждите на департамент “Геофизика” от гл.ас. д-р Георги Костадинов Гаджев,

**Общ брой на цитираните статии: 13**

**Общ брой на цитиращите статии: 12**

**Общ брой на цитатите: 25**

**H-фактор: 2**

1. Гаджев Г., 2013, *Мултимащабно моделиране на пренос на замърсители в атмосферата*, Дисертация за придобиване на образователната и научна степен “доктор” по специалност „Физика на океана, атмосферата и околоземното пространство” шифър 01.04.08

**Цитирана 2 пъти в:**

1. Петров П., 2015, *ПРИЛАГАНЕ НА МАГНИТНИ МЕТОДИ ЗА ОЦЕНКА НА СТЕПЕНТА НА ЗАМЪРСЯВАНЕ НА ГРАДСКА СРЕДА*, Дисертация за придобиване на образователната и научна степен “доктор” по специалност 4.4. “Науки за Земята” (01.04.07. “Земен магнетизъм и гравиметрия”)

2. Калейна П., 2016, *Изучаване на озоновия слой над територията на България*, Дисертация за придобиване на образователната и научна степен “доктор” по специалност „Физика на океана, атмосферата и околоземното пространство” шифър 01.04.08

2. **Gadzhev, G.K.**, Ganev, K.G., Miloshev, N.G., Syrakov, D.E., Prodanova, M. (2013) *Numerical study of the atmospheric composition in Bulgaria*. Computers and Mathematics with Applications, 65 (3), pp. 402-422. DOI: 10.1016/j.camwa.2012.07.002 (**IF 1.472**)

**Цитирана 5 пъти в:**

3. Karagiannidis, A., Poupkou, A., Giannaros, T., Giannaros, C., Melas, D., Argiriou, A. (2015) *The air quality of a Mediterranean urban environment area and its relation to major meteorological parameters*. Water, Air, and Soil Pollution, 226 (1), . DOI: 10.1007/s11270-014-2239-8 (**IF 1.685**)

4. Georgieva I. (2014) *Air Quality Index Evaluations for Bulgaria, in the Proceedings of International Conference on „Numerical Methods for Scientific Computations and Advanced Applications“*, May 19-22, 2014 ,pp. 39-42

5. Hristova, R., Ivanovska, S., Durchova, M. (2014) *Performance analysis of the regional grid resources for an environmental modeling application. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 8353 LNCS, pp. 507-514. DOI: 10.1007/978-3-662-43880-0\_58(**SJR: 0.339**)

6. Hristova, R., Goranov, G. (2013) *User-level framework for performance monitoring of HPC applications*. AIP Conference Proceedings, 1561, pp. 144-152. DOI: 10.1063/1.4827223(SJR: 0.16)

7. Atanassov, E., Ivanovska, S. (2013) *Computation and analysis of Sobol coefficients for air pollution concentrations over the territory of Bulgaria*. 2013 36th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2013 - Proceedings, art. no. 6596258, pp. 254-257.

3. **Gadzhev, G.**, Ganev, K., Syrakov, D., Miloshev, N., Prodanova, M. (2012) *Contribution of biogenic emissions to the atmospheric composition of the Balkan Region and Bulgaria*. International Journal of Environment and Pollution, 50 (1-4), pp. 130-139. DOI: 10.1504/IJEP.2012.051187 (IF: 0.71)

**Цитирана 1 път в:**

8. Georgieva I. (2014) *Air Quality Index Evaluations for Bulgaria, in the Proceedings of International Conference on „Numerical Methods for Scientific Computations and Advanced Applications“*, May 19-22, 2014 ,pp. 39-42

4. **Gadzhev, G.**, Jordanov, G., Ganev, K., Prodanova, M., Syrakov, D., Miloshev, N. (2011) *Atmospheric composition studies for the Balkan Region*. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 6046 LNCS, pp. 150-157. DOI: 10.1007/978-3-642-18466-6\_17 (SJR: 0.339)

**Цитирана 2 пъти в:**

9. Atanassov, E., Ivanovska, S. (2013) *Computation and analysis of Sobol coefficients for air pollution concentrations over the territory of Bulgaria*. 2013 36th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2013 - Proceedings, art. no. 6596258, pp. 254-257.

10. Georgieva I. (2014) *Air Quality Index Evaluations for Bulgaria, in the Proceedings of International Conference on „Numerical Methods for Scientific Computations and Advanced Applications“*, May 19-22, 2014 ,pp. 39-42

5. Ganev, K., Syrakov, D., **Gadzhev, G.**, Prodanova, M., Jordanov, G., Miloshev, N., Todorova, A. (2010) *Joint analysis of regional scale transport and transformation of air pollution from road and ship transport*. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5910 LNCS, pp. 180-187. DOI: 10.1007/978-3-642-12535-5\_20 (SJR: 0.339)

**Цитирана 2 пъти в:**

11. Hristova, R., Ivanovska, S., Durchova, M. (2014) *Performance analysis of the regional grid resources for an environmental modeling application*. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 8353 LNCS, pp. 507-514. DOI: 10.1007/978-3-662-43880-0\_58 (SJR: 0.339)

12. Atanassov, E., Ivanovska, S. (2013) *Computation and analysis of Sobol coefficients for air pollution concentrations over the territory of Bulgaria*. 2013 36th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2013 - Proceedings, art. no. 6596258, pp. 254-257.

6. Todorova, A., **Gadzhev, G.**, Jordanov, G., Syrakov, D., Ganev, K., Miloshev, N., Prodanova, M. (2010) *Numerical study of some high PM10 levels episodes*. Lecture Notes in Computer Science

(including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 5910 LNCS, pp. 223-230. DOI: 10.1007/978-3-642-12535-5\_25 (SJR: 0.339)

**Цитирана 1 път в:**

13. Atanassov, E., Ivanovska, S. (2013) *Computation and analysis of Sobol coefficients for air pollution concentrations over the territory of Bulgaria*. 2013 36th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2013 - Proceedings, art. no. 6596258, pp. 254-257.

7. Todorova, A., Syrakov, D., **Gadjhev, G.**, Georgiev, G., Ganev, K.G., Prodanova, M., Miloshev, N., Spiridonov, V., Bogatchev, A., Slavov, K. (2010) *Grid computing for atmospheric composition studies in Bulgaria*. Earth Science Informatics, 3 (4), pp. 259-282. DOI: 10.1007/s12145-010-0072-1 (IF: 0.657)

**Цитирана 4 пъти в:**

14. Yue, S., Chen, M., Wen, Y., Lu, G.(2016) *Service-oriented model-encapsulation strategy for sharing and integrating heterogeneous geo-analysis models in an open web environment*. ISPRS Journal of Photogrammetry and Remote Sensing. Volume 114 , Pages 258-273, DOI: 10.1016/j.isprsjprs.2015.11.002 (IF 4.422)

15. Oesterle, F., Ostermann, S., Prodan, R., Mayr, G.J. (2015) *Experiences with distributed computing for meteorological applications: Grid computing and cloud computing*. Geoscientific Model Development, 8 (7), pp. 2067-2078. DOI: 10.5194/gmd-8-2067-2015 (IF 3.654)

16. Yue, S., Wen, Y., Chen, M., Lu, G., Hu, D., Zhang, F. (2015) *A data description model for reusing, sharing and integrating geo-analysis models*. Environmental Earth Sciences, 74 (10), pp. 7081-7099. DOI: 10.1007/s12665-015-4270-5 (IF 1.756)

17. Georgieva I. (2014) *Air Quality Index Evaluations for Bulgaria, in the Proceedings of International Conference on „Numerical Methods for Scientific Computations and Advanced Applications“*, May 19-22, 2014 ,pp. 39-42

18. Leelőssy, Á., Molnár, F., Jr., Izsák, F., Havasi, Á., Lagzi, I., Mészáros, R. (2014) *Dispersion modeling of air pollutants in the atmosphere: a review*. Central European Journal of Geosciences, 6 (3), pp. 257-278. DOI: 10.2478/s13533-012-0188-6 (IF 0.663)

8. **Gadzhev, G.**, Ganev, K., Prodanova, M., Syrakov, D., Atanasov, E., Miloshev, N. (2013) *Multi-scale Atmospheric Composition Modelling for Bulgaria*. NATO Science for Peace and Security Series C: Environmental Security, 137, pp. 381-385. DOI: 10.1007/978-94-007-5577-2\_64 (SJR: 0.11)

**Цитирана 1 път в:**

19. Georgieva I. (2014) *Air Quality Index Evaluations for Bulgaria, in the Proceedings of International Conference on „Numerical Methods for Scientific Computations and Advanced Applications“*, May 19-22, 2014 ,pp. 39-42

9. **Gadzhev G.**, Syrakov D., Ganev K., Brandiyska A., Miloshev N., Jordanov G., Prodanova M., (2011), *Atmospheric Composition of the Balkan Region and Bulgaria - Some Numerical experiments*. American Institute of Physics Conf. Proc.1404, 200, pp. 200-209, DOI: 10.1063/1.3659921 (SJR: 0.16)

**Цитирана 1 път в:**

20. Georgieva I. (2014) *Air Quality Index Evaluations for Bulgaria, in the Proceedings of International Conference on „Numerical Methods for Scientific Computations and Advanced Applications“*, May 19-22, 2014 ,pp. 39-42

10. Ganev K., D. Syrakov, A. Todorova, **G. Gadzhev**, G. Jordanov, N. Miloshev, M. Prodanova, (2009), *Joint analysis of dilution and transformation processes of air pollution from the road and ship transport*. 7th International Conference on Air Quality Science and Application Istanbul, 24-27 March 2009. (on a CD)

**Цитирана 1 път в:**

21. Georgieva I. (2014) *Air Quality Index Evaluations for Bulgaria, in the Proceedings of International Conference on „Numerical Methods for Scientific Computations and Advanced Applications“*, May 19-22, 2014 ,pp. 39-42

11. Ganev K., Syrakov D., Prodanova M., Miloshev N., Jordanov G., **Gadjev G.**, and Todorova A., 2009, *Atmospheric composition modeling for the Balkan region*, Proceedinds of SEEGRID-SCI User Forum 2009, 9-10 Dec, 2009, Istanbul, Turkey ISBN: 978-975-403-510-0, pp. 77-85

**Цитирана 2 пъти в:**

22. Georgieva I. (2014) *Air Quality Index Evaluations for Bulgaria, in the Proceedings of International Conference on „Numerical Methods for Scientific Computations and Advanced Applications“*, May 19-22, 2014 ,pp. 39-42

23. Antun Balaž, Ognjen Prnjat, Dušan Vudragovi´c, Vladimir Slavni´c, Ioannis Liabotis, Emanouil Atanassov , Boro Jakimovski, Mihajlo Savi´c, (2011), *Development of Grid e-Infrastructure in South-Eastern Europe*, *J Grid Computing* (2011) 9:135–154, DOI 10.1007/s10723-011-9185-0, (IF 1.556)

12. Syrakov D., Prodanova M., Spiridonov V., Bogatchev A., Slavov K., Ganev K., Miloshev N., Jordanov G., **Gadjev G.**, and Todorova A., 2009, *Climate Change Impact of Air Quality over Bulgaria*, Proceedinds of SEEGRID-SCI User Forum 2009, 9-10 Dec, 2009, Istanbul, Turkey, ISBN: 978-975-403-510-0, pp. 95-103

**Цитирана 1 път в:**

24. Antun Balaž, Ognjen Prnjat, Dušan Vudragovi´c, Vladimir Slavni´c, Ioannis Liabotis, Emanouil Atanassov , Boro Jakimovski, Mihajlo Savi´c, (2011), *Development of Grid e-Infrastructure in South-Eastern Europe*, *J Grid Computing* (2011) 9:135–154, DOI 10.1007/s10723-011-9185-0, (IF 1.556)

13. A. Todorova, **G. Gadzhev**, G. Jordanov, D. Syrakov, Ganev K., N. Miloshev, M. Prodanova, (2009), *Application of the US EPA MODELS 3 SYSTEM for Numerical Simulations of High Pm10 Levels Episodes*, 7th International Conference on Air Quality Science and Application Istanbul, 24-27 March 2009. (on a CD)

**Цитирана 1 път в:**

25. Georgieva I. (2014) *Air Quality Index Evaluations for Bulgaria, in the Proceedings of International Conference on „Numerical Methods for Scientific Computations and Advanced Applications“*, May 19-22, 2014 ,pp. 39-42