

СПИСЪК-3

на публикациите на чл.-кор. проф. дфн Екатерина Бъчварова от периода 2018 – 2023

по конкурса за академик на БАН – 2024 г.

/извадка от системата СОНИКС на БАН/

Е 1.1 а:

Научни публикации в издания, индексирани в WoS, Scopus, ERIH+
(публикувани)

- **Звено:** (ИИКАВ) Институт за изследвания на климата, атмосферата и водите
- **Секция:** (ИИКАВ) Атмосфера
- **Име:** (ИИКАВ/0002) Бъчварова, Екатерина Ангелова
- **Тип на публикацията:**
 - Глава от научна монография
 - Студия в научно списание
 - Статия в научно списание
 - Статия в сборник на научен форум
 - Студия в тематичен сборник
 - Статия в тематичен сборник
 - Научно съобщение
- **Статус на изданието:**
 - Q1 - оглавява ранглистата
 - Q1, не оглавява ранглистата
 - Q2
 - Q3
 - Q4
 - SJR, непопадащ в Q категория
 - Без JCR или SJR – индексирани в WoS или Scopus
 - Индексирани в ERIH+
- **Година на публикуване:** 2018 ÷ 2024
- **Тип записи:** Всички записи

Общ №	№	Публикация	Година	Импакт фактор IF	Импакт Ранг SJR	WoS /Scopus
185	1	Batchvarova, E. , Spassova, T., Marinski, J. Air Pollution and Specific Meteorological Conditions at the Adjacent Areas of Sea Ports. IFAC PAPERSONLINE, 51, 30, ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, 2018, ISSN:ISSN: 2405-8963, DOI:10.1016/j.ifacol.2018.11.336, 378-383. SJR (Scopus):0.298 Q4 (Web of Science) Линк	2018		0,298	
186	2	Georgieva, E., Hristova, E., Syrakov, D., Prodanova, M., Batchvarova, E. . Preliminary evaluation of CMAQ modelled wet deposition of sulphur and nitrogen over Bulgaria. IJEP, 64, 1-3, Inderscience publishers, 2018, ISSN:ISSN: 0957-4352 eISSN: 1741-5101, DOI:WOS:00046536260001, 161-177. JCR-IF (Web of Science):0.69 Q4 (Web of Science) Линк	2018	0,69		
187	3	Kirova, H., Barantiev, D. , Batchvarova, E. . Evaluation of mesoscale modelling of a closed breeze cell against sodar data. In: Mensink C., Kallos G. (eds) Air Pollution Modeling and its Application XXV, ITM 2016. Springer Proceedings in Complexity. Springer, Cham, 2018, ISBN:978-3-319-57645-9, ISSN:2213-8684, DOI:https://doi.org/10.1007/978-3-319-57645-9_24 Без JCR или SJR – индексирани в WoS или Scopus (Scopus) Линк				X

188	4	Barantiev, D. , Kirova, H., Gueorguiev, O., Batchvarova, E. . Mesoscale modeling of extreme coastal weather against sodar data – a case study. 10th Jubilee Conference of the Balkan Physical Union, Eds: T. M. Mishonov and A. M. Varonov, AIP Conference Proceedings, 2075, Article Num 120002, AIP Publishing, 2019, DOI:https://doi.org/10.1063/1.5091260, SJR (Scopus):0.19 SJR, непопадащ в Q категория (Scopus) Линк	2019	0,19		
189	5	Batchvarova, E. , Calidonna, C., Kolarova, M., Ammoscato, I., Barantiev, D. , Hristova, E., Kirova, H., Georgieva, E., Syrakov, D., Prodanova, M., Torcasio, C.R., Avolio, E., Gulli, D., Feudo, T.L., Chianese, E., Riccio, A., Savov, P., Kolev, N., Neykova, R.. Meteorology and aerosol studies at a Black Sea coastal site. Proceedings of the 19th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Harmo 2019; Bruges; Belgium; 3 - 6 June 2019; Code 156244, 2019 Без JCR или SJR – индексиран в WoS или Scopus (Scopus) Линк	2019			X
190	6	Batchvarova, E. , Calidonna, C., Kolarova, M., Ammoscato, I., Barantiev, D. , Hristova, E., Kirova, H., Neykova, R., Savov, P., Kolev, N., Torcasio, C. R., Avolio, E., Gulli, D., Lo Feudo, T., Chianese, E., Riccio, A.. Meteorology and air pollution experiment at a Black sea coastal site Ahtopol – 2017. 10th Jubilee Conference of the Balkan Physical Union, Eds: T. M. Mishonov and A. M. Varonov, AIP Conference Proceedings, 2075, Article Num 120001, AIP Publishing, 2019, DOI:https://doi.org/10.1063/1.5091259, SJR (Scopus):0.19 SJR, непопадащ в Q категория (Scopus) Линк	2019	0,19		
191	7	Boy, M., Thomson, E.S., Navarro, J.C.A., Arnalds, O., Batchvarova, E. , Back, J., Berninger, F., Bilde, M., Brasseur, Z., Dagsson-Waldhauserova, P., Castarede, D., Dalirian, M., de Leeuw, G., Dragosics, M., Duplissy, E.-M., Duplissy, J., Ekman, A.M., Fang, K.Y., Gallet, J.-C., Glasius, M., Gryning, S.-S., Grythe, H., Hansson, H.-C., Hansson, M., Isaksson, E., Iversen, T., Jonsdottir, I., Kasurinen, V., Kirkevåg, A., Korhola, A., Krejci, R., Kristjansson, J.E., Lappalainen, H. K., Lauri, A., Lepparanta, M., Lihavainen, H., Makkonen, R., Massling, A., Meinander, O., Nilsson, E.D., Olafsson, H., Pettersson, J.B.C., Prisle, N.L., Riipinen, I., Roldin, P., Ruppel, M., Salter, M., Sand, M., Seland, O., Seppa, H., Skov, H., Soares, J., Stohl, A., Strom, J., Svensson, J., Swietlicki, E., Tabakova, K., Thorsteinsson, T., Virkkula, A., Weyhenmeyer, G.A., Wu, Y., Zieger, P., Kulmala, M.. Interactions between the atmosphere, cryosphere, and ecosystems at northern high latitudes. ATMOSPHERIC CHEMISTRY AND PHYSICS, 19, 3, COPERNICUS GESELLSCHAFT MBH, BAHNHOFALLEE 1E, GOTTINGEN, 37081, GERMANY, 2019, ISSN:1680-7316, DOI:10.5194/acp-19-2015-2019, 2015-2061. SJR (Scopus):2.938, JCR-IF (Web of Science):5.668 Q1, не оглавява ранглистата (Web of Science) Линк	2019	5,668		
192	8	Kolev, N., Savov, P., Evgenieva, Ts., Miloshev, N., Gueorguiev, O., Batchvarova, E. , Kolarova, M., Danchevski, V., Ivanov, D., Petkov, D.. Investigation of the atmospheric boundary layer and optical characteristics of the atmospheric aerosols over Sofia in summer 2016. 10th Jubilee Conference of the Balkan Physical Union, AIP Conference Proceedings 2075, 2019; Eds: T. M. Mishonov and A. M. Varonov, 2075, Article Num 120004, AIP Publishing, 2019, SJR (Scopus):0.182, JCR-IF (Web of Science):0.4 SJR, непопадащ в Q категория (Web of Science) Линк	2019		0,4	
193	9	Savov, P., Kolev, N., Kolarova, M., Batchvarova, E. , Barantiev, D. . Aerosols, Ozone and CO2 under Sea-Breeze Conditions at a Black Sea Coastal Site. 10th Jubilee Conference of the Balkan Physical Union, Eds: T. M. Mishonov and A. M. Varonov, AIP Conference Proceedings, 2075, Article Num 120003, AIP Publishing, 2019, DOI:https://doi.org/10.1063/1.5091261, SJR (Scopus):0.19 SJR, непопадащ в Q категория (Scopus) Линк	2019		0,4	
194	10	Barantiev, D. , Batchvarova, E. , Hristina Kirova, Orlin Gueorguiev. Climatological Study of Extreme Wind Events in a Coastal Area. In: Dobrinkova N., Gadzhev G. (eds) Environmental Protection and Disaster Risks. EnviroRISK 2020. Studies in Systems, Decision and Control, 361, Springer, Cham., 2021, ISBN:978-3-030-70189-5, DOI:https://doi.org/10.1007/978-3-030-70190-1_5, SJR (Scopus):0.14 Q4 (Scopus) Линк	2021		0,14	
195	11	Barantiev, D. , Batchvarova, E. , Kirova, H., Gueorguiev, O. Numerical Modeling of Extreme Wind Profiles Measured with SODAR in a Coastal Area. In: Dimov I., Fidanova S. (eds) Advances in High Performance Computing. HPC 2019. Studies in Computational Intelligence, 902, Springer, Cham, 2021, ISBN:978-3-030-55347-0, ISSN:1860-949X, DOI:https://doi.org/10.1007/978-3-030-55347-0_15, SJR (Scopus):0.183 Q4 (Scopus) Линк	2021		0,183	

196	12	Barantiev, D., Batchvarova, E. Coastal Boundary-Layer Characteristic During Night Time Using a Long-Term Acoustic Remote Sensing Data.. In: Dobrinkova N., Gadzhev G. (eds) Environmental Protection and Disaster Risks. EnviroRISK 2020. Studies in Systems, Decision and Control, 361, Springer, Cham, 2021, ISBN:978-3-030-70189-5, DOI:https://doi.org/10.1007/978-3-030-70190-1_4, SJR (Scopus):0.14 Q4 (Scopus) Линк	2021		0,14	
197	13	Barantiev, D., Batchvarova, E. Wind Speed Profile Statistics from Acoustic Soundings at a Black Sea Coastal Site. Atmosphere, 12, 9, Multidisciplinary Digital Publishing Institute (MDPI), 2021, ISSN:2073-4433, DOI:https://doi.org/10.3390/atmos12091122, 1122. SJR (Scopus):0.7, JCR-IF (Web of Science):2.686 Q2 (Web of Science) Линк	2021	2,686		
198	14	Gryning, SE, Batchvarova, E , Floors, R, Muenkel, C, Skov, H, Soerensen, LL. Observed and modelled cloud cover up to 6 km height at Station Nord in the high Arctic. INTERNATIONAL JOURNAL OF CLIMATOLOGY, 41, 3, Publisher WILEY, 111 RIVER ST, HOBOKEN 07030-5774, NJ USA, 2021, ISSN:0899-8418, DOI:10.1002/joc.6894, 1584-1598. SJR (Scopus):1.58, JCR-IF (Web of Science):4.611 Q2 (Web of Science) Линк	2021	4,611		
199	15	Savov, P, Kolev, N, Batchvarova, E , Kirova, H, Kolarova, M. Interaction between particulate matter characteristics and atmospheric boundary height over Sofia based on case studies. Environmental Protection and Disaster Risks. EnviroRISK 2020. Studies in Systems, Decision and Control., 361, Springer, Cham., 2021, ISBN:ISBN:978-3-030-70189-5, DOI:10.1007/978-3-030-70190-1_10, 139-159. SJR (Scopus):0.14 Q4 (Scopus) Линк	2021		0,14	
200	16	Kilifarska, N, Velichkova, T, Batchvarova, E. From phase transition to interdecadal changes of ENSO, altered by the lower stratospheric ozone. Remote Sensing, 14, 6, MDPI, 2022, ISSN:2072-4292, SJR (Scopus):1.14, JCR-IF (Web of Science):3.8 Q1, не оглавява ранглистата (Web of Science) Линк	2022	3,8		
201	17	Mateeva, E. Batchvarova, Z. Spasova, I.Ivanov, B. Kazakov, S. Matev, A.Simidchiev, A. Kitev. METEOROLOGICAL DETERMINANTS OF COVID-19 DISEASE: A LITERATURE REVIEW. NATURAL SCIENCE AND ADVANCED TECHNOLOGY EDUCATION, 31, 6, AZBUKI, 2022, ISSN:ISSN 2738-7135 (print); ISSN 2738-7143 (online), DOI:https://doi.org/10.53656/nat2022-6.04, 552-575 Индексирано в ERIH+ (ERIH Plus)	2022			
202	18	Barantiev, D., Batchvarova, E. Atmospheric boundary-layer height at marine and land air masses based on sodar data. Studies in Systems, Decision and Control, LNNS, 638, Springer International Publishing AG, 2023, ISBN:978-3-031-26754-3, ISSN:2198-4190, DOI:https://doi.org/10.1007/978-3-031-26754-3_30, 346-360. SJR (Scopus):0.15 Q4 (Scopus) Линк	2023		0,15	
203	19	Barantiev, D., E. Batchvarova. Internal boundary layer characteristics at the southern Bulgarian Black Sea coast.. Adv. Sci. Res., 20, Copernicus GmbH, 2023, ISSN:1992-0628, DOI:https://doi.org/10.5194/asr-20-97-2023, 97-107. SJR (Scopus):0.703 Q2 (Scopus) Линк	2023		0,703	
204	20	Gryning, SE, Batchvarova, E , Floors, R, Muenkel, C, Soerensen, II, Skov, H. Observed aerosol-layer depth at Station Nord in the high Arctic. International Journal of Climatology (JCR ABBREVIATION: INT J CLIMATOL; ISO ABBREVIATION: Int. J. Climatol.), 43, 7, Wiley, 2023, ISSN:0899-8418, DOI:DOI10.1002/joc.8027, 3247-3263. JCR-IF (Web of Science):3.651 Q1, не оглавява ранглистата (Scopus) Линк	2023	3,651		