

Файл:

08 Obobshten vid na statii i citations v Web of Science list of papers and number of all citations.docx

[Web of Science™](#)

[Search](#)

[Sign In](#) [Register](#)

MENU

- [Search](#)keyboard_arrow_right
- [Results for batchvarova e or bachvarova e or batchvarova ea or bachvarova ea \(Author\)](#)keyboard_arrow_right
- Citation Report: batchvarova e or bachvarova e or batchvarova ea or bachvarova ea (Author)

Citation Report

batchvarova e or bachvarova e or batchvarova ea or bachvarova ea (Author)

Analyze Results

Create Alert

download_for_offlineExport Full Report

Publications

[86](#) Total

85 статии, тъй като статия 80 не е моя, но тя не е цитирана и не влияе на статистиката

Total

From 1965 to 2024

Citing Articles

[1,364Analyze](#)

Total

[1,311Analyze](#)

Without self-citations

Times Cited

1,729 Times Cited Total.

Total

1,569 Times Cited Without self-citations.

Without self-citations

20.1 Average per item.

Average per item

22

H-Index

Times Cited and Publications Over Time

Search ▸ Results for batchvarova e o... ▸ Citation Report: batchvarova e or bachvarova e or batchvarova ea or bachva...

Citation Report

Q batchvarova e or bachvarova e or batchvarova ea or bachvarova ea (Author)

Analyze Results

Create Alert

Export Full Report

Publications

86

Total

From 1965 ▾ to 2024 ▾

Citing Articles

1,364 Analyze

Total

1,311 Analyze

Without self-citations

Times Cited

1,729

Total

1,569

Without self-citations

20.1

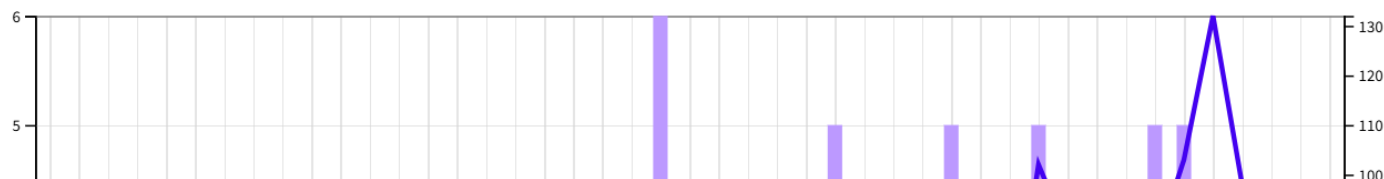
Average per item

22

H-Index

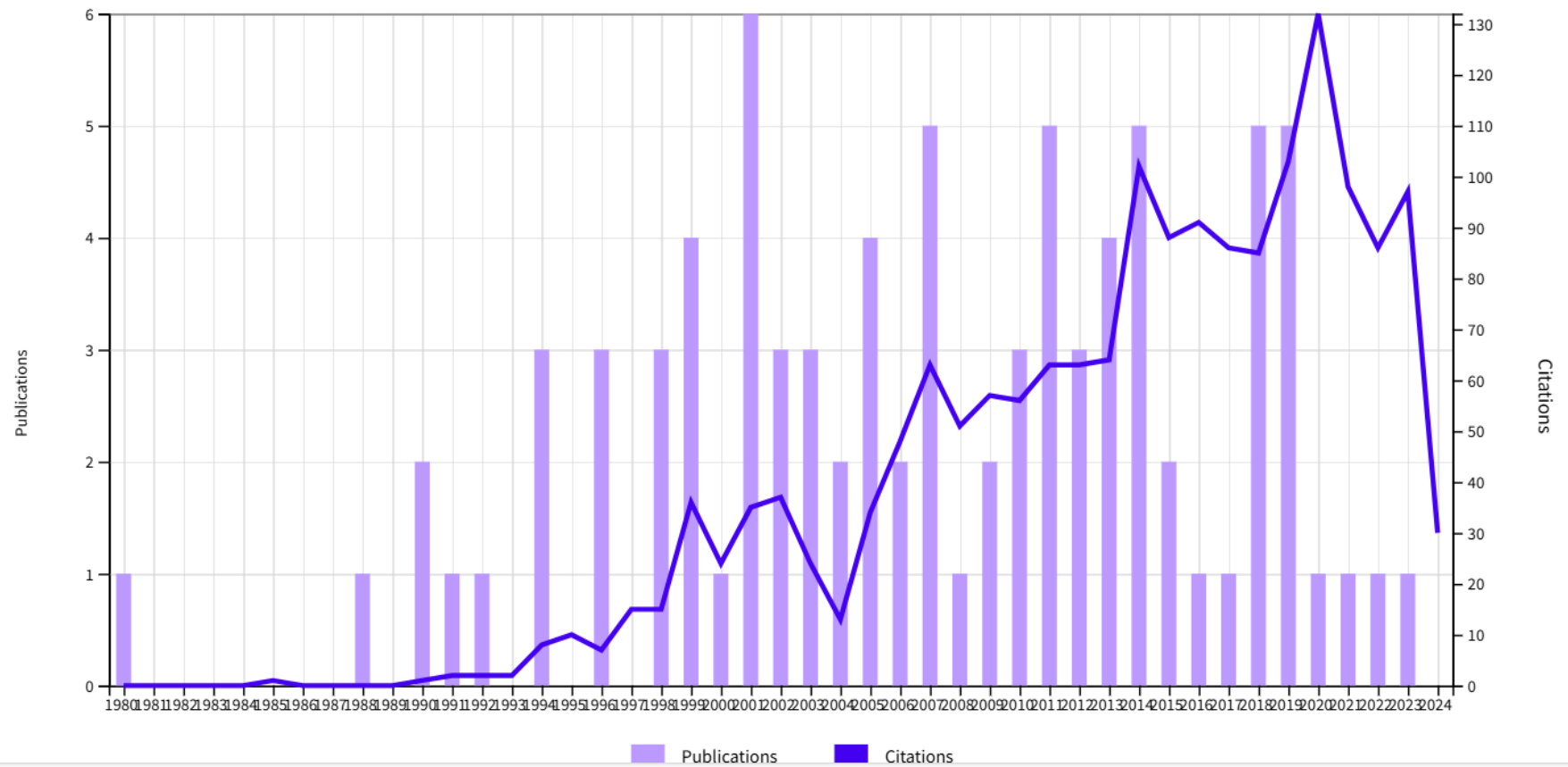
Times Cited and Publications Over Time

DOWNLOAD



Times Cited and Publications Over Time

DOWNLOAD



DOWNLOAD

Citation Report Publications Table

<div>86 Publications</div> <div>Sort byCitations: highest firstarrow_drop_down</div> <div>of 2</div>	Citations						
	<div>chevron_leftPrevious yearNext</div> <div>yearchevron_right</div>					Average per year	Total
	2020	2021	2022	2023	2024		
Total	132	98	86	97	30	43.23	1,729
<div>remove_circle_outline</div> <div>1</div> <div>BUBBLE - An urban boundary layer meteorology project</div> <div>Rotach, MW; Vogt, R; (...); Voogt, JA</div> <div>Jul 2005THEORETICAL AND APPLIED CLIMATOLOGY 81 (3-4) , pp.231-261</div>	22	14	16	15	3	15	300
<div>remove_circle_outline</div> <div>2</div> <div>On the extension of the wind profile over homogeneous terrain beyond the surface boundary layer</div> <div>Gryning, SE; Batchvarova, E; (...); Larsen, S</div> <div>Aug 2007BOUNDARY-LAYER METEOROLOGY 124 (2) , pp.251-268</div>	25	16	23	26	6	13	234
remove_circle_outline	3	8	4	2	1	4.21	143

<p>3</p> <p>APPLIED-MODEL FOR THE GROWTH OF THE DAYTIME MIXED LAYER</p> <p>BATCHVAROVA, E and GRYNING, SE Aug 1991BOUNDARY-LAYER METEOROLOGY 56 (3) , pp.261-274</p>							
<p>remove_circle_outline</p> <p>4</p> <p>ANALYTICAL MODEL FOR THE GROWTH OF THE COASTAL INTERNAL BOUNDARY-LAYER DURING ONSHORE FLOW</p> <p>GRYNING, SE and BATCHVAROVA, E Jan 1990QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY 116 (491) , pp.187-203</p>	0	1	3	2	0	2.11	74
<p>remove_circle_outline</p> <p>5</p> <p>The uncertainty of UTCI due to uncertainties in the determination of radiation fluxes derived from measured and observed meteorological data</p> <p>Weihs, P; Staiger, H; (...); Jendritzky, G May 2012INTERNATIONAL JOURNAL OF BIOMETEOROLOGY 56 (3) , pp.537-555</p>	10	7	6	7	7	4.92	64
<p>remove_circle_outline</p> <p>6</p> <p>Exploring a geophysical process-based attribution technique for the determination of the atmospheric boundary layer depth using aerosol lidar and near-surface meteorological measurements</p> <p>Pal, S; Haeffelin, M and Batchvarova, E</p>	6	3	3	8	0	4.83	58

Aug 27 2013 JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES 118 (16) , pp.9277-9295							
remove_circle_outline 7 AN APPLIED-MODEL FOR THE HEIGHT OF THE DAYTIME MIXED-LAYER AND THE ENTRAINMENT ZONE BATCHVAROVA, E and GRYNING, SE Nov 1994 BOUNDARY-LAYER METEOROLOGY 71 (3) , pp.311-323	2	0	0	1	0	1.87	58
remove_circle_outline 8 The Wind Profile in the Coastal Boundary Layer: Wind Lidar Measurements and Numerical Modelling Floors, R ; Vincent, CL ; (...); Batchvarova, E Jun 2013 BOUNDARY-LAYER METEOROLOGY 147 (3) , pp.469-491	6	6	4	3	0	4.5	54
remove_circle_outline 9 Pollutant dispersion close to an urban surface - the BUBBLE tracer experiment Rotach, MW ; Gryning, SE ; (...); Vogt, R Oct 2004 METEOROLOGY AND ATMOSPHERIC PHYSICS 87 (1-3) , pp.39-56	1	2	2	0	0	2.52	53
remove_circle_outline 10	9	8	4	5	3	5.56	50

Weibull Wind-Speed Distribution Parameters Derived from a Combination of Wind-Lidar and Tall-Mast Measurements Over Land, Coastal and Marine Sites							
Gryning, SE; Floors, R; (...); Brümmer, B May 2016 BOUNDARY-LAYER METEOROLOGY 159 (2) , pp.329-348							
<div>remove_circle_outline</div> <div>11</div> <div>PARMETRIZATION OF THE DEPTH OF THE ENTRAINMENT ZONE ABOVE THE DAYTIME MIXED-LAYER</div> <div>GRYNING, SE and BATCHVAROVA, E Jan 1994QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY 120 (515) , pp.47-58</div>	<div>3</div>	<div>1</div>	<div>1</div>	<div>1</div>	<div>0</div>	<div>1.55</div>	<div>48</div>
<div>remove_circle_outline</div> <div>12</div> <div>Energy balance of a sparse coniferous high-latitude forest under winter conditions</div> <div>Gryning, SE; Batchvarova, E and De Bruin, HAR Jun 2001BOUNDARY-LAYER METEOROLOGY 99 (3) , pp.465-488</div>	<div>3</div>	<div>2</div>	<div>0</div>	<div>1</div>	<div>1</div>	<div>1.92</div>	<div>46</div>
<div>remove_circle_outline</div> <div>13</div> <div>Modelling internal boundary-layer development in a region with a complex coastline</div> <div>Batchvarova, E; Cai, XM; (...); Steyn, D</div>	<div>1</div>	<div>1</div>	<div>0</div>	<div>1</div>	<div>0</div>	<div>1.77</div>	<div>46</div>

Jan 1999 BOUNDARY-LAYER METEOROLOGY 90 (1) , pp.1-20							
remove_circle_outline 14 Interactions between the atmosphere, cryosphere, and ecosystems at northern high latitudes Boy, M; Thomson, ES; (...); Kulmala, M Feb 14 2019 ATMOSPHERIC CHEMISTRY AND PHYSICS 19 (3) , pp.2015-2061	14	8	9	5	2	6.83	41
remove_circle_outline 15 Experimental determination of turbulent fluxes over the heterogeneous LITFASS area:: Selected results from the LITFASS-98 experiment Beyrich, F; Richter, SH; (...); Batchvarova, E 2002 THEORETICAL AND APPLIED CLIMATOLOGY 73 (1-2) , pp.19-34	2	0	1	2	0	1.57	36
remove_circle_outline 16 Wind climatology, atmospheric turbulence and internal boundary-layer development in Athens during the MEDCAPHOT-TRACE experiment Batchvarova, E and Gryning, SE Mediterranean Campaign of Photochemical Tracers - Transport and Chemical Evolution (MEDCAPHOT-TRACE) Jun 1998 ATMOSPHERIC ENVIRONMENT 32 (12) , pp.2055-2069	3	2	0	1	0	1.33	36
remove_circle_outline 17	1	1	0	0	0	1.43	33

Marine boundary layer and turbulent fluxes over the Baltic Sea: Measurements and modelling Gryning, SE and Batchvarova, E Apr 2002 BOUNDARY-LAYER METEOROLOGY 103 (1) , pp.29-47						
remove_circle_outline 18 Regional heat flux over the NOPEX area estimated from the evolution of the mixed-layer Gryning, SE and Batchvarova, E Dec 31 1999 AGRICULTURAL AND FOREST METEOROLOGY 98-9 , pp.159-167	0	0	0	1	0	1.15 30
remove_circle_outline 19 Long-Term Profiles of Wind and Weibull Distribution Parameters up to 600 m in a Rural Coastal and an Inland Suburban Area Gryning, SE ; Batchvarova, E ; (...); Mikkelsen, T Feb 2014 BOUNDARY-LAYER METEOROLOGY 150 (2) , pp.167-184	4	2	0	1	0	2.45 27
remove_circle_outline 20 Regional fluxes of momentum and sensible heat over a sub-arctic landscape during late winter Batchvarova, E ; Gryning, SE and Hasager, CB Jun 2001 BOUNDARY-LAYER METEOROLOGY 99 (3) , pp.489-507	0	1	0	0	1	1.13 27

remove_circle_outline 21 A model for the height of the internal boundary layer over an area with an irregular coastline Gryning, SE and Batchvarova, E Mar 1996 BOUNDARY-LAYER METEOROLOGY 78 (3-4) , pp.405-413	0	0	0	0	0	0.93	27
remove_circle_outline 22 Progress in urban dispersion studies Batchvarova, E and Gryning, SE Feb 2006 THEORETICAL AND APPLIED CLIMATOLOGY 84 (1-3) , pp.57-67	0	1	0	0	0	1.16	22
remove_circle_outline 23 Scale aggregation - comparison of flux estimates from NOPEX Gottschalk, L ; Batchvarova, E ; (...); Persson, T Dec 31 1999 AGRICULTURAL AND FOREST METEOROLOGY 98-9 , pp.103-119	0	0	0	0	0	0.85	22
remove_circle_outline 24 Analysis of diabatic flow modification in the internal boundary layer Floors, R ; Gryning, SE ; (...); Batchvarova, E Dec 2011 METEOROLOGISCHE ZEITSCHRIFT 20 (6) , pp.649-659	1	1	1	4	0	1.5	21
remove_circle_outline	3	3	1	1	1	1.25	15

25	The uncertainty of UTCI due to uncertainties in the determination of radiation fluxes derived from numerical weather prediction and regional climate model simulations							
Schreier, SF ; Suomi, I ; (...); Weihs, P Mar 2013 INTERNATIONAL JOURNAL OF BIOMETEOROLOGY 57 (2) , pp.207-223								
remove_circle_outline								
26	Variation of short-lived beta radionuclide (radon progeny) concentrations and the mixing processes in the atmospheric boundary layer	1	1	0	1	0	0.93	14
Veleva, B ; Valkov, N ; (...); Kolarova, M Jul 2010 JOURNAL OF ENVIRONMENTAL RADIOACTIVITY 101 (7) , pp.538-543								
remove_circle_outline								
27	Meteorological conditions at the release site during the two tracer experiments	0	0	0	0	0	0.52	14
Gryning, SE ; Batchvarova, E ; (...); Berger, H Dec 1998 ATMOSPHERIC ENVIRONMENT 32 (24) , pp.4123-4137								
remove_circle_outline								
28	Air Pollution and Specific Meteorological Conditions at the Adjacent Areas of Sea Ports	3	3	2	2	0	1.57	11
Bachvarova, E ; Spasova, T and Marinski, J								

18th International-Federation-of-Automatic-Control (IFAC) Conference on Technology, Culture and International Stability (TECIS) 2018IFAC PAPERSONLINE 51 (30) , pp.378-383							
remove_circle_outline 29 A Study on the Effect of Nudging on Long-Term Boundary Layer Profiles of Wind and Weibull Distribution Parameters in a Rural Coastal Area Gryning, SE ; Batchvarova, E and Floors, R May 2013 JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY 52 (5) , pp.1201-1207	<u>1</u>	<u>1</u>	0	0	<u>1</u>	0.92	<u>11</u>
remove_circle_outline 30 Atmospheric boundary layer wind profile at a flat coastal site - wind speed lidar measurements and mesoscale modeling results Floors, R ; Batchvarova, E ; (...); Mikkelsen, T 10th EMS Annual Meeting / 8th European Conference on Applied Climatology (ECAC) 2011ADVANCES IN SCIENCE AND RESEARCH 6 , pp.155-159	0	0	<u>1</u>	<u>1</u>	0	0.64	<u>9</u>
remove_circle_outline 31 Marine atmospheric boundary-layer height estimated from NWP model output Gryning, SE and Batchvarova, E 8th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes	0	<u>1</u>	0	0	0	0.36	<u>8</u>

2003 INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION 20 (1-6) , pp.147-153							
remove_circle_outline 32 Modelling of the urban wind profile Gryning, SE and Batchvarova, E 29th NATO/CCMS International Technical Meeting on Air Pollution Modeling and Its Applications 2008AIR POLLUTION MODELING AND ITS APPLICATION XIX , pp.18-+	0	0	0	0	0	0.41	7
remove_circle_outline 33 The wind profile up to 300 meters over flat terrain Gryning, SE ; Jorgensen, H ; (...); Batchvarova, E Conference on the Science of Making Torque from Wind 2007SCIENCE OF MAKING TORQUE FROM WIND 75	1	1	0	0	1	0.39	7
remove_circle_outline 34 SIMPLE-MODEL OF THE DAYTIME BOUNDARY-LAYER HEIGHT GRYNING, SE and BATCHVAROVA, E 9TH SYMP ON TURBULENCE AND DIFFUSION 1990NINTH SYMPOSIUM ON TURBULENCE AND DIFFUSION , pp.379-382	0	0	0	0	0	0.2	7
remove_circle_outline 35	1	1	0	0	0	0.43	6

Meteorological observations of the coastal boundary layer structure at the Bulgarian Black Sea coast Barantiev, D ; Novitsky, M and Batchvarova, E 10th EMS Annual Meeting / 8th European Conference on Applied Climatology (ECAC) 2011ADVANCES IN SCIENCE AND RESEARCH 6 , pp.251-259						
remove_circle_outline 36 Observed and modelled cloud cover up to 6 km height at Station Nord in the high Arctic Gryning, SE ; Batchvarova, E ; (...); Sorensen, LL Mar 15 2021 INTERNATIONAL JOURNAL OF CLIMATOLOGY 41 (3) , pp.1584-1598 Enriched Cited References	0	0	0	4	1	1
remove_circle_outline 37 Comparison of Large Eddy Simulations of a convective boundary layer with wind LIDAR measurements Pedersen, JG ; Kelly, M ; (...); Paña, A 11th Annual Meeting of the European-Meteorological-Society (EMS) / 10th European Conference on Applications of Meteorology (ECAM) 2012ADVANCES IN SCIENCE AND RESEARCH 8 , pp.83-86	0	0	0	0	0	0.38
remove_circle_outline 38	0	0	0	0	0	0.21

Numerical model simulations of boundary-layer dynamics during winter conditions Melas, D; Persson, T; (...); Zerefos, C 2001 THEORETICAL AND APPLIED CLIMATOLOGY 70 (1-4) , pp.105-116							
<div>remove_circle_outline</div> <div>39</div> Boundary-Layer and Air Quality Study at "Station Nord" in Greenland Batchvarova, E; Gryning, SE; (...); Münkel, C 33rd International Technical Meeting (ITM) on Air Pollution Modelling and Its Application 2014 AIR POLLUTION MODELING AND ITS APPLICATION XXIII , pp.525-529	0	0	0	1	0	0.36	4
<div>remove_circle_outline</div> <div>40</div> Comparison of aggregated and measured turbulent fluxes in an urban area Batchvarova, E; Gryning, SE; (...); Christen, A 27th NATO/CCMS International Technical Meeting on Air Pollution Modeling and Its Application 2007 AIR POLLUTION MODELING AND ITS APPLICATIONS XVII 17 , pp.363-+	0	0	0	0	0	0.22	4
<div>remove_circle_outline</div> <div>41</div> Parameterisation of fluxes over a sparse boreal forest at high latitude Batchvarova, E; Gryning, SE and de Bruin, HAR	0	0	0	0	0	0.17	4

24th NATO/CCMS International Technical Meeting on Air Pollution Modelling and Its Application 2001AIR POLLUTION MODELING AND ITS APPLICATION XIV , pp.427-435							
remove_circle_outline 42 The Ability of Mesoscale Models to Predict Vertical Profiles Batchvarova, E and Gryning, SE 30th NATO/SPS International Technical Meeting on Air Pollution Modeling and Its Applications 2010AIR POLLUTION MODELING AND ITS APPLICATION XX , pp.379-383	0	0	0	0	0	0.2	<u>3</u>
remove_circle_outline 43 Measuring Meteorology in Urban Areas - Some Progress and Many Problems Gryning, SE and Batchvarova, E 2009METEOROLOGICAL AND AIR QUALITY MODELS FOR URBAN AREAS , pp.125-131	<u>1</u>	0	0	0	0	0.19	<u>3</u>
remove_circle_outline 44 Use of Richardson number methods in regional models to calculate the mixed-layer height Batchvarova, E and Gryning, SE NATO Advanced Research Workshop on Air Pollution Processes in Regional Scale 2003AIR POLLUTION PROCESSES IN REGIONAL SCALE 30 , pp.21-29	0	0	0	0	0	0.14	<u>3</u>
remove_circle_outline	0	0	0	<u>1</u>	<u>1</u>	1	<u>2</u>

45 Observed aerosol-layer depth at Station Nord in the high Arctic Gryning, SE ; Batchvarova, E ; (...); Skov, H Jun 15 2023 INTERNATIONAL JOURNAL OF CLIMATOLOGY 43 (7) , pp.3247-3263 Enriched Cited References							
remove_circle_outline 46 Wind Speed Profile Statistics from Acoustic Soundings at a Black Sea Coastal Site Barantiev, D and Batchvarova, E Sep 2021 ATMOSPHERE 12 (9) Enriched Cited References	0	0	1	0	1	0.5	2
remove_circle_outline 47 Evaluation of Mesoscale Modelling of a Closed Breeze Cell Against Sodar Data Kirova, H ; Barantiev, D and Batchvarova, E 35th International Technical Meeting on Air Pollution Modelling and its Application (ITM) 2018 AIR POLLUTION MODELING AND ITS APPLICATION XXV , pp.151-155	1	0	0	0	0	0.29	2
remove_circle_outline 48	0	0	2	0	0	0.25	2

Mesoscale simulation of meteorological profiles during the Sofia Experiment 2003 Kirova, H and Batchvarova, E 2017 INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION 61 (2) , pp.134-147							
remove_circle_outline 49 Characteristics of wind speed and wind direction in the atmospheric boundary layer on the southern coast of Bulgaria Novitskii, MA ; Kulizhnikova, LK ; (...); Krysteva, K Mar 2012 RUSSIAN METEOROLOGY AND HYDROLOGY 37 (3) , pp.159-164	1	0	0	0	0	0.15	2
remove_circle_outline 50 Comparison of regional and ecosystem CO₂ fluxes Gryning, SE ; Soegaard, H and Batchvarova, E 5th Study Conference on BALTEX Feb 27 2009 BOREAL ENVIRONMENT RESEARCH 14 (1) , pp.204-212	0	0	0	0	0	0.13	2
<div>86 Publications</div> <div>Sort byCitations: highest firstarrow_drop_down</div> <div>of 2</div>	Citations						
	chevron_leftPrevious yearNext yearchevron_right	Average per year		Total			

	2020	2021	2022	2023	2024		
Total	132	98	86	97	30	43.23	1,729
remove_circle_outline 51 Turbulence, atmospheric dispersion and mixing height in the urban area, recent experimental findings Gryning, SE and Batchvarova, E 2007AIR POLLUTION MODELING AND ITS APPLICATION XVIII 6 , pp.12-20	0	0	0	0	0	0.11	2
remove_circle_outline 52 The Eighth International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes Batchvarova, E 2003INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION 20 (1-6) , pp.1-3	0	0	0	0	0	0.09	2
remove_circle_outline 53 Marine boundary-layer height estimated from the HIRLAM model Gryning, SE and Batchvarova, E Oct 2 2002BOREAL ENVIRONMENT RESEARCH 7 (3) , pp.229-233	0	0	0	0	0	0.09	2
remove_circle_outline 54	0	0	0	0	0	0.07	2

<p>Observation and modelling of boundary layer depth in a region with complex terrain and coastline</p> <p>Steyn, D; Batchvarova, E; (...); Hoff, R 22nd NATO/CCMS International Technical Meeting on Air Pollution Modeling and its Application 1998AIR POLLUTION MODELING AND ITS APPLICATION XII 22 , pp.311-319</p>							
<p>remove_circle_outline 55 ON THE HEIGHT OF THE INTERNAL THERMAL-BOUNDARY LAYER UNDER SEA-BREEZE CONDITIONS</p> <p>YORDANOV, DL and BATCHVAROVA, EA 1988ZEITSCHRIFT FUR METEOROLOGIE 38 (3) , pp.145-149</p>	0	0	0	0	0	0.05	2
<p>remove_circle_outline 56 From Phase Transition to Interdecadal Changes of ENSO, Altered by the Lower Stratospheric Ozone</p> <p>Kilifarska, NA; Velichkova, TP and Batchvarova, EA Mar 2022REMOTE SENSING 14 (6) Enriched Cited References</p>	0	0	1	0	0	0.33	1
<p>remove_circle_outline 57 Mesoscale Modeling of Extreme Coastal Weather against Sodar Data - a Case Study</p>	1	0	0	0	0	0.17	1

Barantiev, D; Kirova, H; (...); Batchvarova, E 10th Jubilee Conference of the Balkan-Physical-Union (BPU) 201910TH JUBILEE CONFERENCE OF THE BALKAN PHYSICAL UNION 2075							
remove_circle_outline 58 Meteorology and Air Pollution Experiment at the Black Sea Coastal Site Ahtopol-2017 Batchvarova, E; Calidonna, C; (...); Riccio, A 10th Jubilee Conference of the Balkan-Physical-Union (BPU) 201910TH JUBILEE CONFERENCE OF THE BALKAN PHYSICAL UNION 2075	1	0	0	0	0	0.17	1
remove_circle_outline 59 Preliminary evaluation of CMAQ modelled wet deposition of sulphur and nitrogen over Bulgaria Georgieva, E; Hristova, E; (...); Batchvarova, E 2018INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION 64 (1-3) , pp.161-177	0	0	1	0	0	0.14	1
remove_circle_outline 60 Measurements and Modeling of the Wind Profile Up to 600 meters at a Flat Coastal Site Batchvarova, E; Gryning, SE; (...); Mikkelsen, T 32nd NATO/SPS International Technical Meeting on Air Pollution Modeling and its Application	0	1	0	0	0	0.09	1

2014AIR POLLUTION MODELING AND ITS APPLICATION XXII , pp.565-569							
remove_circle_outline 61 Survey on atmospheric chemistry research in some new EU member states and candidate countries Batchvarova, E; Spassova, T; (...); Iordanova, L NATO Advanced Research Workshop on Environmental Simulation Chambers - Application to Atmospheric Chemical Processes 2006ENVIRONMENTAL SIMULATION CHAMBERS: APPLICATION TO ATMOSPHERIC CHEMICAL PROCESSES 62 , pp.301-+	0	0	0	0	0	0.05	1
remove_circle_outline 62 Advances in urban meteorology modelling Batchvarova, E and Gryning, SE NATO Advanced Research Workshop on Advances in Air Pollution Modeling for Environmental Security 2005Advances in Air Pollution Modeling for Environmental Security 54 , pp.23-32	0	0	0	0	0	0.05	1
remove_circle_outline 63 Advances in urban dispersion modelling Gryning, SE and Batchvarova, E NATO Advanced Research Workshop on Advances in Air Pollution Modeling for Environmental Security 2005Advances in Air Pollution Modeling for Environmental Security 54 , pp.243-252	0	1	0	0	0	0.05	1

remove_circle_outline 64 Roof level urban tracer experiment: Measurements and modelling Gryning, SE; Batchvarova, E; (...); Vogt, R 26th NATO/CCMS International Technical Meeting on Air Pollution Modelling and Its Application 2004AIR POLLUTION MODELING AND ITS APPLICATION XVI 16 , pp.471-479	0	0	0	0	0	0.05	1
remove_circle_outline 65 Air pollution characteristics of a region of Sofia and data from field experiments (1992-1993) Batchvarova, E; Syrakov, D and Tzenkova, A NATO Advanced Research Workshop on Monitoring and Control Strategies for Urban Air Pollution 1996URBAN AIR POLLUTION 8 , pp.235-242	1	0	0	0	0	0.03	1
remove_circle_outline 66 APPLIED MODEL OF THE HEIGHT OF THE DAYTIME MIXED LAYER INCLUDING THE CAPPING ENTRAINMENT ZONE BATCHVAROVA, E and GRYNING, SE 20th NATO/CCMS International Technical Meeting on Air Pollution Modelling and Its Application 1994AIR POLLUTION MODELING AND ITS APPLICATION X 18 , pp.253-261	0	0	0	0	0	0.03	1
remove_circle_outline	0	0	0	0	0	0.02	1

67 HIGH-LEVEL SECTION OF THE SPINAL-CORD CAUSES UNRESPONSIVENESS OF RAT-LIVER TRYPTOPHAN OXYGENASE TO HYDROCORTISONE INDUCTION VAPTZAROVA, KI ; BACHVAROVA, ED and POPOV, PG 1980DOKLADI NA BOLGARSKATA AKADEMIYA NA NAUKITE 33 (7) , pp.997-999							
remove_circle_outline 68 Investigation of the Atmospheric Boundary Layer and Optical Characteristics of the Atmospheric Aerosols over Sofia in Summer 2016 Kolev, N ; Savov, P ; (...); Petkov, D 10th Jubilee Conference of the Balkan-Physical-Union (BPU) 201910TH JUBILEE CONFERENCE OF THE BALKAN PHYSICAL UNION 2075	0	0	0	0	0	0	0
remove_circle_outline 69 Aerosols Ozone and CO ₂ under Sea-Breeze Conditions at a Black Sea Coastal Site Savov, P ; Kolev, N ; (...); Barantiev, D 10th Jubilee Conference of the Balkan-Physical-Union (BPU) 201910TH JUBILEE CONFERENCE OF THE BALKAN PHYSICAL UNION 2075	0	0	0	0	0	0	0
remove_circle_outline 70 REPRESENTATION OF SURFACE PROCESSES IN MESOSCALE MODELS	0	0	0	0	0	0	0

Batchvarova, E; Gryning, SE; (...); Sokhi, RS 2018MESOSCALE MODELLING FOR METEOROLOGICAL AND AIR POLLUTION APPLICATIONS , pp.41-67							
remove_circle_outline 71 REPRESENTATION OF BOUNDARY-LAYER, RADIATION, CLOUD AND AEROSOL PROCESSES IN MESOSCALE MODELS Gryning, SE; Batchvarova, E; (...); Sokhi, RS 2018MESOSCALE MODELLING FOR METEOROLOGICAL AND AIR POLLUTION APPLICATIONS , pp.69-105	0	0	0	0	0	0	0
remove_circle_outline 72 Special Issue on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes: Part II Preface Batchvarova, E 2015 INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION 58 (1-2) , pp.1-2	0	0	0	0	0	0	0
remove_circle_outline 73 Special Issue on Harmonisation within Atmospheric Dispersion Modelling For Regulatory Purposes: Part III Preface Batchvarova, E 2015 INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION 58 (4) , pp.229-230	0	0	0	0	0	0	0

remove_circle_outline 74 Evaluation of Mesoscale Model Profiles Against Consecutive Radiosounding Data During the Sofia 2003 Experiment Kirova, H ; Batchvarova, E and Nikolov, V 33rd International Technical Meeting (ITM) on Air Pollution Modelling and Its Application 2014AIR POLLUTION MODELING AND ITS APPLICATION XXIII , pp.531-534	0	0	0	0	0	0	0
remove_circle_outline 75 A scaling law for the Urban Heat Island phenomenon: Deductions from field measurements and comparisons with existing results from laboratory experiments Neophytou, MKA ; Fernando, HJS ; (...); Tryphonos, E 4th ASME Joint US-European Fluids Engineering Diviison Summer Meeting 2014ASME FLUIDS ENGINEERING DIVISION SUMMER MEETING - 2014, VOL 1D: SYMPOSIA	0	0	0	0	0	0	0
remove_circle_outline 76 Modelling and measurements of the atmospheric boundary layer in Sofia, Bulgaria Batchvarova, E ; Pisoni, E and Finzi, G 2011 INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION 46 (1-2) , pp.61- 68	0	0	0	0	0	0	0

remove_circle_outline 77 Validation of a mesoscale meteorological simulation over Po Valley Pisoni, E ; Candiani, G ; (...); Batchvarova, E 2011 INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION 47 (1-4) , pp.149-157	0	0	0	0	0	0	0
remove_circle_outline 78 Evaluation of RAMS6.0 Boundary-Layer Simulation over Sofia (Bulgaria) Batchvarova, E ; Pisoni, E and Finzi, G 30th NATO/SPS International Technical Meeting on Air Pollution Modeling and Its Applications 2010AIR POLLUTION MODELING AND ITS APPLICATION XX , pp.99-+	0	0	0	0	0	0	0
remove_circle_outline 79 Limitations of air pollution episodes forecast due to boundary-layer parameterisations implemented in mesoscale meteorological models Slordal, LH ; Finardi, S ; (...); D'Allura, A 27th NATO/CCMS International Technical Meeting on Air Pollution Modeling and Its Application 2007AIR POLLUTION MODELING AND ITS APPLICATIONS XVII 17 , pp.641-+	0	0	0	0	0	0	0
remove_circle_outline 80	0	0	0	0	0	0	0

Distributed system for collection and management of the information using wireless technology Angelov, S ; Georchev, V ; (...); Belov, K 3rd IEEE Intelligent Data Acquisition and Advanced Computing Systems 20052005 IEEE INTELLIGENT DATA ACQUISITION AND ADVANCED COMPUTING SYSTEMS: TECHNOLOGY AND APPLICATIONS , pp.331-336							
remove_circle_outline 81 Applied modelling of the mixing height over heterogeneous terrain Gryning, SE and Batchvarova, E 9th International Conference on Modelling, Monitoring and Management of Air Pollution 2001AIR POLLUTION IX 10 , pp.75-84	0	0	0	0	0	0	0
remove_circle_outline 82 Meteorological pre-processing of incoming solar radiation and heat flux over a sparse boreal forest at a northern site during winter conditions Gryning, SE and Batchvarova, E 6th International Conference on Harmonization within Atmospheric Dispersion Modelling for Regulatory Purposes 2001INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION 16 (1-6) , pp.550-559	0	0	0	0	0	0	0
remove_circle_outline 83	0	0	0	0	0	0	0

<p>Lidar observations of the planetary boundary layer aerosol structure and comparisons with in situ measurements and mixed-layer height model results</p> <p>Parvanov, O; Batchvarova, E and Gizbreht, A 23rd NATO/CCMS International Technical Meeting on Air Pollution Modelling and Its Applications 2000AIR POLLUTION MODELING AND ITS APPLICATION XIII 13 , pp.709-716</p>							
<p>remove_circle_outline 84 Mixing height in coastal areas - Experimental results and modelling, a review</p> <p>Batchvarova, E Conference of the NATO Advanced Research Workshop on Large Scale Computations in Air Pollution Modelling 1999LARGE SCALE COMPUTATIONS IN AIR POLLUTION MODELLING 57 , pp.63-68</p>	0	0	0	0	0	0	0
<p>remove_circle_outline 85 Modeling the internal boundary layer height over the Vancouver area</p> <p>Gryning, SE and Batchvarova, E 9th Joint American-Meteorological-Society/Air-and-Waste-Management-Association Conference on Applications of Air Pollution Meteorology 1996NINTH JOINT CONFERENCE ON APPLICATIONS OF AIR POLLUTION METEOROLOGY WITH A&WMA , pp.46-49</p>	0	0	0	0	0	0	0
<p>remove_circle_outline</p>	0	0	0	0	0	0	0

MODEL OF INTERNAL BOUNDARY-LAYER DEVELOPMENT DURING
ONSHORE FLOW

[BATCHVAROVA, E](#) and [GRYNING, SE](#)

19TH INTERNATIONAL TECHNICAL MEETING ON AIR POLLUTION MODELLING AND
ITS APPLICATION

1992AIR POLLUTION MODELING AND ITS APPLICATION IX 17 , pp.731-732

--	--	--	--	--	--	--	--

