

Bertrand Bessagnet

List of Publications by Year in descending order

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136
papers

7,705
citations

57631

44
h-index

64668

79
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151
all docs

151
docs citations

151
times ranked

6247
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of anthropogenic and biomass burning emissions of air pollutants at global and regional scales during the 1980–2010 period. <i>Climatic Change</i> , 2011, 109, 163-190.	1.7	740
2	CHIMERE 2013: a model for regional atmospheric composition modelling. <i>Geoscientific Model Development</i> , 2013, 6, 981-1028.	1.3	392
3	Aerosol modeling with CHIMERE—preliminary evaluation at the continental scale. <i>Atmospheric Environment</i> , 2004, 38, 2803-2817.	1.9	315
4	Impact of lockdown measures to combat Covid-19 on air quality over western Europe. <i>Science of the Total Environment</i> , 2020, 741, 140426.	3.9	263
5	Evaluation of long-term ozone simulations from seven regional air quality models and their ensemble. <i>Atmospheric Environment</i> , 2007, 41, 2083-2097.	1.9	258
6	Evaluation and intercomparison of Ozone and PM10 simulations by several chemistry transport models over four European cities within the CityDelta project. <i>Atmospheric Environment</i> , 2007, 41, 173-188.	1.9	230
7	Operational model evaluation for particulate matter in Europe and North America in the context of AQMEII. <i>Atmospheric Environment</i> , 2012, 53, 75-92.	1.9	214
8	A regional air quality forecasting system over Europe: the MACC-II daily ensemble production. <i>Geoscientific Model Development</i> , 2015, 8, 2777-2813.	1.3	214
9	Model evaluation and ensemble modelling of surface-level ozone in Europe and North America in the context of AQMEII. <i>Atmospheric Environment</i> , 2012, 53, 60-74.	1.9	192
10	CityDelta: A model intercomparison study to explore the impact of emission reductions in European cities in 2010. <i>Atmospheric Environment</i> , 2007, 41, 189-207.	1.9	189
11	Modeling of gas and aerosol with WRF/Chem over Europe: Evaluation and sensitivity study. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	185
12	CHIMERE-2017: from urban to hemispheric chemistry-transport modeling. <i>Geoscientific Model Development</i> , 2017, 10, 2397-2423.	1.3	168
13	Air quality trends in Europe over the past decade: a first multi-model assessment. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 11657-11678.	1.9	164
14	On the contribution of natural Aeolian sources to particulate matter concentrations in Europe: Testing hypotheses with a modelling approach. <i>Atmospheric Environment</i> , 2005, 39, 3291-3303.	1.9	158
15	Regional modeling of carbonaceous aerosols over Europe—focus on secondary organic aerosols. <i>Journal of Atmospheric Chemistry</i> , 2008, 61, 175-202.	1.4	157
16	Predictability of European air quality: Assessment of 3 years of operational forecasts and analyses by the PREV'AIR system. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	134
17	Prev'air: An Operational Forecasting and Mapping System for Air Quality in Europe. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 73-84.	1.7	122
18	Modeling organic aerosols during MILAGRO: importance of biogenic secondary organic aerosols. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 6949-6981.	1.9	119

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19	Presentation of the EURODELTA III intercomparison exercise "evaluation of the chemistry transport models' performance on criteria pollutants and joint analysis with meteorology. Atmospheric Chemistry and Physics, 2016, 16, 12667-12701.	1.9	109
20	Formation of organic aerosol in the Paris region during the MEGAPOLI summer campaign: evaluation of the volatility-basis-set approach within the CHIMERE model. Atmospheric Chemistry and Physics, 2013, 13, 5767-5790.	1.9	105
21	Skill and uncertainty of a regional air quality model ensemble. Atmospheric Environment, 2009, 43, 4822-4832.	1.9	87
22	European atmosphere in 2050, a regional air quality and climate perspective under CMIP5 scenarios. Atmospheric Chemistry and Physics, 2013, 13, 7451-7471.	1.9	87
23	Impact of realistic hourly emissions profiles on air pollutants concentrations modelled with CHIMERE. Atmospheric Environment, 2012, 49, 233-244.	1.9	86
24	Performance of European chemistry transport models as function of horizontal resolution. Atmospheric Environment, 2015, 112, 90-105.	1.9	85
25	Impact of surface roughness and soil texture on mineral dust emission fluxes modeling. Journal of Geophysical Research D: Atmospheres, 2013, 118, 6505-6520.	1.2	83
26	Analysis of model responses to emission-reduction scenarios within the CityDelta project. Atmospheric Environment, 2007, 41, 208-220.	1.9	81
27	Future air quality in Europe: a multi-model assessment of projected exposure to ozone. Atmospheric Chemistry and Physics, 2012, 12, 10613-10630.	1.9	81
28	Trace gas/aerosol boundary concentrations and their impacts on continental-scale AQMEII modeling domains. Atmospheric Environment, 2012, 53, 38-50.	1.9	72
29	High-resolution air quality simulation over Europe with the chemistry transport model CHIMERE. Geoscientific Model Development, 2015, 8, 21-42.	1.3	72
30	Atmospheric composition forecasting in Europe. Annales Geophysicae, 2010, 28, 61-74.	0.6	72
31	Impact of dry deposition of semi-volatile organic compounds on secondary organic aerosols. Atmospheric Environment, 2010, 44, 1781-1787.	1.9	62
32	Modelling street level PM ₁₀ concentrations across Europe: source apportionment and possible futures. Atmospheric Chemistry and Physics, 2015, 15, 1539-1553.	1.9	62
33	Long-term urban aerosol simulation versus routine particulate matter observations. Atmospheric Environment, 2005, 39, 5851-5864.	1.9	60
34	APIFLAME v1.0: high-resolution fire emission model and application to the Euro-Mediterranean region. Geoscientific Model Development, 2014, 7, 587-612.	1.3	60
35	Improving ammonia emissions in air quality modelling for France. Atmospheric Environment, 2014, 92, 584-595.	1.9	60
36	Assessing in near real time the impact of the April 2010 Eyjafjallajökull ash plume on air quality. Atmospheric Environment, 2011, 45, 1217-1221.	1.9	59

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37	The impact of MM5 and WRF meteorology over complex terrain on CHIMERE model calculations. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 6611-6632.	1.9	58
38	Origin of particulate matter pollution episodes in wintertime over the Paris Basin. <i>Atmospheric Environment</i> , 2005, 39, 6159-6174.	1.9	55
39	Impact of aerosol direct radiative forcing on the radiative budget, surface heat fluxes, and atmospheric dynamics during the heat wave of summer 2003 over western Europe: A modeling study. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	55
40	Modeling dust emissions and transport within Europe: The Ukraine March 2007 event. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	54
41	Moving towards ambitious climate policies: Monetised health benefits from improved air quality could offset mitigation costs in Europe. <i>Environmental Science and Policy</i> , 2015, 50, 252-269.	2.4	54
42	Monoterpene emissions from Beech (<i>Fagus sylvatica</i>) in a French forest and impact on secondary pollutants formation at regional scale. <i>Atmospheric Environment</i> , 2005, 39, 3535-3547.	1.9	53
43	Modelling NO _x concentrations at the street level in the GAINS integrated assessment model: projections under current legislation. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 813-829.	1.9	53
44	Characterising an intense PM pollution episode in March 2015 in France from multi-site approach and near real time data: Climatology, variabilities, geographical origins and model evaluation. <i>Atmospheric Environment</i> , 2017, 155, 68-84.	1.9	52
45	The sensitivity of the CHIMERE model to emissions reduction scenarios on air quality in Northern Italy. <i>Atmospheric Environment</i> , 2009, 43, 1897-1907.	1.9	51
46	A model evaluation of coarse-mode nitrate heterogeneous formation on dust particles. <i>Atmospheric Environment</i> , 2006, 40, 4158-4171.	1.9	50
47	Can further mitigation of ammonia emissions reduce exceedances of particulate matter air quality standards?. <i>Environmental Science and Policy</i> , 2014, 44, 149-163.	2.4	50
48	Evaluating the capability of regional-scale air quality models to capture the vertical distribution of pollutants. <i>Geoscientific Model Development</i> , 2013, 6, 791-818.	1.3	49
49	Spatial inter-comparison of Top-down emission inventories in European urban areas. <i>Atmospheric Environment</i> , 2018, 173, 142-156.	1.9	49
50	Is the ozone climate penalty robust in Europe?. <i>Environmental Research Letters</i> , 2015, 10, 084015.	2.2	48
51	Modeled deposition of nitrogen and sulfur in Europe estimated by 14 air quality model systems: evaluation, effects of changes in emissions and implications for habitat protection. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10199-10218.	1.9	47
52	Investigating impacts of chemistry and transport model formulation on model performance at European scale. <i>Atmospheric Environment</i> , 2012, 53, 93-109.	1.9	44
53	Direct radiative effect of the Russian wildfires and its impact on air temperature and atmospheric dynamics during August 2010. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1999-2013.	1.9	44
54	Evaluation of regional climate simulations for air quality modelling purposes. <i>Climate Dynamics</i> , 2013, 40, 2515-2533.	1.7	43

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55	A multi-model comparison of meteorological drivers of surface ozone over Europe. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12269-12288.	1.9	42
56	Multi-year assessment of photochemical air quality simulation over Spain. <i>Environmental Modelling and Software</i> , 2009, 24, 63-73.	1.9	41
57	EURODELTA-Trends, a multi-model experiment of air quality hindcast in Europe over 1990â€“2010. <i>Geoscientific Model Development</i> , 2017, 10, 3255-3276.	1.3	41
58	An evaluation of European nitrogen and sulfur wet deposition and their trends estimated by six chemistry transport models for the period 1990â€“2010. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 379-405.	1.9	41
59	Comparison of aerosol chemistry transport model simulations with lidar and Sun photometer observations at a site near Paris. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	40
60	Impact of meteorology on air quality modeling over the Po valley in northern Italy. <i>Atmospheric Environment</i> , 2012, 51, 303-310.	1.9	40
61	Mapping of PM10 surface concentrations derived from satellite observations of aerosol optical thickness over South-Eastern France. <i>Atmospheric Research</i> , 2009, 91, 1-8.	1.8	36
62	Development of an inorganic and organic aerosol model (CHIMERE) <i>Geoscientific Model Development</i> , 2018, 11, 165-194.	1.3	36
63	On the radiative impact of aerosols on photolysis rates: comparison of simulations and observations in the Lampedusa island during the ChArMEx/ADRIMED campaign. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 1219-1244.	1.9	34
64	Risk of breast cancer associated with long-term exposure to benzo[a]pyrene (BaP) air pollution: Evidence from the French E3N cohort study. <i>Environment International</i> , 2021, 149, 106399.	4.8	33
65	Aerosol chemical and optical properties over the Paris area within ESQUIF project. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 3257-3280.	1.9	31
66	Is regional air quality model diversity representative of uncertainty for ozone simulation?. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	30
67	Evaluation of an aerosol optical scheme in the chemistry-transport model CHIMERE. <i>Atmospheric Environment</i> , 2010, 44, 3688-3699.	1.9	30
68	Evidence of the aerosol coreâ€“shell mixing state over Europe during the heat wave of summer 2003 by using CHIMERE simulations and AERONET inversions. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	29
69	POMI: a model inter-comparison exercise over the Po Valley. <i>Air Quality, Atmosphere and Health</i> , 2013, 6, 701-715.	1.5	29
70	Trends of inorganic and organic aerosols and precursor gases in Europe: insights from the EURODELTA multi-model experiment over the 1990â€“2010 period. <i>Geoscientific Model Development</i> , 2019, 12, 4923-4954.	1.3	29
71	Aerosol modelling and validation during ESCOMPTE 2001. <i>Atmospheric Environment</i> , 2005, 39, 1539-1550.	1.9	27
72	On the impact of the vertical resolution on chemistry-transport modelling. <i>Atmospheric Environment</i> , 2013, 67, 370-384.	1.9	27

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73	Ozone and aerosol tropospheric concentrations variability analyzed using the ADRIMED measurements and the WRF and CHIMERE models. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 6159-6182.	1.9	27
74	Joint analysis of deposition fluxes and atmospheric concentrations of inorganic nitrogen and sulphur compounds predicted by six chemistry transport models in the frame of the EURODELTAIII project. <i>Atmospheric Environment</i> , 2017, 151, 152-175.	1.9	27
75	The CHIMERE v2020r1 online chemistry-transport model. <i>Geoscientific Model Development</i> , 2021, 14, 6781-6811.	1.3	27
76	Aerosol distribution over the western Mediterranean basin during a Tramontane/Mistral event. <i>Annales Geophysicae</i> , 2007, 25, 2271-2291.	0.6	24
77	Exploration of the influence of environmental conditions on secondary organic aerosol formation and organic species properties using explicit simulations: development of the VBS-GECKO parameterization. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13411-13428.	1.9	24
78	Fractal modelling of carbonaceous aerosols application to car exhaust plumes. <i>Atmospheric Environment</i> , 2001, 35, 4751-4762.	1.9	23
79	Contribution of Saharan dust on radionuclide aerosol activity levels in Europe? The 21-22 February 2004 case study. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	21
80	Frontiers in air quality modelling. <i>Geoscientific Model Development</i> , 2014, 7, 203-210.	1.3	20
81	One-year measurements of secondary organic aerosol (SOA) markers in the Paris region (France): Concentrations, gas/particle partitioning and SOA source apportionment. <i>Science of the Total Environment</i> , 2021, 757, 143921.	3.9	19
82	Evaluation of WRF model performance in different European regions with the DELTA-FAIRMODE evaluation tool. <i>International Journal of Environment and Pollution</i> , 2012, 50, 83.	0.2	18
83	Influence of the aerosol solar extinction on photochemistry during the 2010 Russian wildfires episode. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10983-10998.	1.9	18
84	ORISAM-TM4: a new global sectional multi-component aerosol model including SOA formation - Focus on carbonaceous BC and OC aerosols. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2007, 59, 283-302.	0.8	17
85	Lidar signal simulation for the evaluation of aerosols in chemistry transport models. <i>Geoscientific Model Development</i> , 2012, 5, 1543-1564.	1.3	17
86	High Resolution Chemistry Transport Modeling with the On-Line CHIMERE-WRF Model over the French Alps Analysis of a Feedback of Surface Particulate Matter Concentrations on Mountain Meteorology. <i>Atmosphere</i> , 2020, 11, 565.	1.0	17
87	Why is the city's responsibility for its air pollution often underestimated? A focus on PM _{2.5} . <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 18195-18212.	1.9	17
88	Long-term health impact assessment of total PM _{2.5} in Europe during the 1990-2015 period. <i>Atmospheric Environment: X</i> , 2019, 3, 100032.	0.8	16
89	Observations and regional modeling of aerosol optical properties, speciation and size distribution over Northern Africa and western Europe. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 12961-12982.	1.9	15
90	Emissions of Carbonaceous Particulate Matter and Ultrafine Particles from Vehicles A Scientific Review in a Cross-Cutting Context of Air Pollution and Climate Change. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3623.	1.3	15

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91	Modelling Some Heavy Metals Air Concentration in Europe. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 5227-5242.	1.1	12
92	0-D-Modelling of Carbonaceous Aerosols over Greater Paris Focusing on the Organic Particle Formation. <i>Journal of Atmospheric Chemistry</i> , 2005, 51, 207-221.	1.4	11
93	An Evaluation of the CHIMERE Chemistry Transport Model to Simulate Dust Outbreaks across the Northern Hemisphere in March 2014. <i>Atmosphere</i> , 2017, 8, 251.	1.0	11
94	A statistical physics approach to perform fast highly-resolved air quality simulations – A new step towards the meta-modelling of chemistry transport models. <i>Environmental Modelling and Software</i> , 2019, 116, 100-109.	1.9	11
95	EURODELTA III exercise: An evaluation of air quality models' capacity to reproduce the carbonaceous aerosol. <i>Atmospheric Environment: X</i> , 2019, 2, 100018.	0.8	11
96	Cold-start emissions from petrol and diesel vehicles according to the emissions regulations (from) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.1	10
97	Recent ozone trends in the Chinese free troposphere: role of the local emission reductions and meteorology. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 16001-16025.	1.9	10
98	Simulating secondary organic aerosol from anthropogenic and biogenic precursors: comparison to outdoor chamber experiments, effect of oligomerization on SOA formation and reactive uptake of aldehydes. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15743-15766.	1.9	9
99	Modeling organic aerosol over Europe in summer conditions with the VBS-GECKO parameterization: sensitivity to secondary organic compound properties and IVOC (intermediate-volatility organic) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	9
100	Covid-19 Lockdown in Spring 2020 in France Provided Unexpected Opportunity to Assess Health Impacts of Falls in Air Pollution. <i>Frontiers in Sustainable Cities</i> , 2021, 3, .	1.2	9
101	Ozone pollution during the COVID-19 lockdown in the spring of 2020 over Europe, analysed from satellite observations, in situ measurements, and models. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4471-4489.	1.9	9
102	Impact of meteorological modelling on air quality: summer and winter episodes in the Po valley (Northern Italy). <i>International Journal of Environment and Pollution</i> , 2012, 50, 111.	0.2	7
103	Impacts of future air pollution mitigation strategies on the aerosol direct radiative forcing over Europe. <i>Atmospheric Environment</i> , 2012, 62, 451-460.	1.9	7
104	Modelling the mineralogical composition and solubility of mineral dust in the Mediterranean area with CHIMERE 2017r4. <i>Geoscientific Model Development</i> , 2020, 13, 2051-2071.	1.3	7
105	Impact of Physics Parameterizations on High-Resolution Air Quality Simulations over the Paris Region. <i>Atmosphere</i> , 2020, 11, 618.	1.0	7
106	Chronic Low-Dose Exposure to Xenoestrogen Ambient Air Pollutants and Breast Cancer Risk: XENAIR Protocol for a Case-Control Study Nested Within the French E3N Cohort. <i>JMIR Research Protocols</i> , 2020, 9, e15167.	0.5	7
107	Eurodelta multi-model simulated and observed particulate matter trends in Europe in the period of 1990-2010. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 7207-7257.	1.9	7
108	Modeling exceptional high concentrations of carbonaceous aerosols observed at Pic du Midi in spring-summer 2003: Comparison with Sonnblick and Puy de Dôme. <i>Atmospheric Environment</i> , 2008, 42, 5140-5149.	1.9	6

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109	What Can We Expect from Data Assimilation for Air Quality Forecast? Part I: Quantification with Academic Test Cases. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 269-279.	0.5	6
110	Long-term atmospheric exposure to PCB153 and breast cancer risk in a case-control study nested in the French E3N cohort from 1990 to 2011. <i>Environmental Research</i> , 2021, 195, 110743.	3.7	6
111	Modelling Arsenic, Lead, Cadmium and Nickel Ambient Air Concentrations in Spain. , 2011, , .		5
112	Bridging the scales in a eulerian air quality model to assess megacity export of pollution. <i>Environmental Modelling and Software</i> , 2013, 46, 271-282.	1.9	4
113	Simulation of size-segregated aerosol chemical composition over northern Italy in clear sky and wind calm conditions. <i>Atmospheric Research</i> , 2013, 125-126, 1-11.	1.8	4
114	Deep learning techniques applied to super-resolution chemistry transport modeling for operational uses. <i>Environmental Research Communications</i> , 2021, 3, 085001.	0.9	4
115	An additive geostatistical model for mixing total and partial PM10 observations with CHIMERE rCTM. <i>Atmospheric Environment</i> , 2018, 189, 61-79.	1.9	3
116	Impact of Lightning NOx Emissions on Atmospheric Composition and Meteorology in Africa and Europe. <i>Atmosphere</i> , 2020, 11, 1128.	1.0	3
117	Role of ecosystem-atmosphere exchanges of semi-volatile organic compounds in organic aerosol formation. <i>Atmospheric Environment</i> , 2021, 263, 118541.	1.9	3
118	Assessing the Impact of Local Policies on PM2.5 Concentration Levels: Application to 10 European Cities. <i>Sustainability</i> , 2022, 14, 6384.	1.6	3
119	A multi-pollutant and multi-sectorial approach to screening the consistency of emission inventories. <i>Geoscientific Model Development</i> , 2022, 15, 5271-5286.	1.3	3
120	Chapter 3.4 PREVAIR: A platform for air quality monitoring and forecasting. <i>Developments in Environmental Science</i> , 2007, , 293-300.	0.5	2
121	Evaluation of some SOA formation schemes for the oxidation of anthropogenic gases against experiments in two outdoor chambers. <i>International Journal of Environment and Pollution</i> , 2016, 59, 43.	0.2	2
122	What Can We Expect from Data Assimilation for Air Quality Forecast? Part II: Analysis with a Semi-Real Case. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 1433-1448.	0.5	2
123	An alternative way to evaluate chemistry-transport model variability. <i>Geoscientific Model Development</i> , 2017, 10, 1199-1208.	1.3	1
124	An evaluation of SOA modelling in the Madrid metropolitan area. , 2008, , .		1
125	Modelling aerosol molecular markers in a 3D air quality model: Focus on anthropogenic organic markers. <i>Science of the Total Environment</i> , 2022, , 155360.	3.9	1
126	Chapter 5.3 On the contribution of the heterogeneous chemistry to nitrate concentrations over Europe based on modeling results and long-term and campaign measurements. <i>Developments in Environmental Science</i> , 2007, , 503-513.	0.5	0

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127	Poster 11 Long-term evaluation of secondary atmospheric pollution over Italy. Developments in Environmental Science, 2007, 6, 761-763.	0.5	0
128	An N-dimensional Fortran interpolation programme (NterGeo.v2020a) for geophysics sciences application to a back-trajectory programme (Backplumes.v2020r1) using CHIMERE or WRF outputs. Geoscientific Model Development, 2021, 14, 91-106.	1.3	0
129	A Statistical Approach to Improve Air Quality Forecasts in the PREV TM AIR System. NATO Science for Peace and Security Series C: Environmental Security, 2014, , 205-209.	0.1	0
130	Impact of Fire Emissions on Air Quality in the Euro-Mediterranean Region. NATO Science for Peace and Security Series C: Environmental Security, 2014, , 363-367.	0.1	0
131	Ensemble Forecasting Coupled with Data Assimilation, and Threshold Exceedance Detection on Prev TM Air. NATO Science for Peace and Security Series C: Environmental Security, 2014, , 211-214.	0.1	0
132	Impact of Vertical and Horizontal Resolutions on Chemistry Transport Modelling. Springer Proceedings in Complexity, 2014, , 269-274.	0.2	0
133	Application of Performance Indicators Based on Observation Uncertainty to Evaluate a Europe-Wide Model Simulation at Urban Scale. Springer Proceedings in Complexity, 2014, , 499-504.	0.2	0
134	Le rôle de l'agriculture sur les concentrations en particules dans l'atmosphère et l'apport de la modélisation. Pollution Atmosphérique, 2016, , .	0.1	0
135	Aide aux décideurs - Évaluation des coûts et des bénéfices sanitaires de politiques de lutte contre la pollution de l'air. Pollution Atmosphérique, 2017, , .	0.1	0
136	Design and implementation of a new module to evaluate the cost of air pollutant abatement measures. Journal of Environmental Management, 2022, 317, 115486.	3.8	0