

# Jeni Vasilescu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2996965/publications.pdf>

Version: 2024-02-01

30  
papers

459  
citations

840119

11  
h-index

713013

21  
g-index

31  
all docs

31  
docs citations

31  
times ranked

699  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of fresh and aged biomass burning events using multiwavelength Raman lidar and mass spectrometry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 2956-2965.	1.2	89
2	Assessment of aerosol's mass concentrations from measured linear particle depolarization ratio (vertically resolved) and simulations. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 3243-3255.	1.2	57
3	A neural network aerosol-typing algorithm based on lidar data. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14511-14537.	1.9	51
4	European aerosol phenomenology $\alpha^8$ : Harmonised source apportionment of organic aerosol using 22 Year-long ACSM/AMS datasets. <i>Environment International</i> , 2022, 166, 107325.	4.8	41
5	The second ACTRIS inter-comparison (2016) for Aerosol Chemical Speciation Monitors (ACSM): Calibration protocols and instrument performance evaluations. <i>Aerosol Science and Technology</i> , 2019, 53, 830-842.	1.5	35
6	Using Raman-lidar-based regularized microphysical retrievals and Aerosol Mass Spectrometer measurements for the characterization of biomass burning aerosols. <i>Journal of Computational Physics</i> , 2015, 299, 156-174.	1.9	34
7	A 41-year bioclimatology of thermal stress in Europe. <i>International Journal of Climatology</i> , 2021, 41, 3934-3952.	1.5	22
8	Orange Snow – A Saharan Dust Intrusion over Romania During Winter Conditions. <i>Remote Sensing</i> , 2019, 11, 2466.	1.8	20
9	Multiyear Typology of Long-Range Transported Aerosols over Europe. <i>Atmosphere</i> , 2019, 10, 482.	1.0	18
10	Contribution of bacteria-like particles to PM <sub>2.5</sub> aerosol in urban and rural environments. <i>Atmospheric Environment</i> , 2017, 160, 97-106.	1.9	15
11	Optical properties of long-range transported volcanic ash over Romania and Poland during Eyjafjallajökull eruption in 2010. <i>Acta Geophysica</i> , 2014, 62, 350-366.	1.0	14
12	Validation of LIRIC aerosol concentration retrievals using airborne measurements during a biomass burning episode over Athens. <i>Atmospheric Research</i> , 2017, 183, 255-267.	1.8	10
13	Independent Retrieval of Aerosol Type From Lidar. <i>EPJ Web of Conferences</i> , 2016, 119, 18002.	0.1	6
14	Online Chemical Characterization and Source Identification of Summer and Winter Aerosols in Măgurele, Romania. <i>Atmosphere</i> , 2020, 11, 385.	1.0	6
15	Satellite validation strategy assessments based on the AROMAT campaigns. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 5513-5535.	1.2	6
16	An Exceptional Case of Freezing Rain in Bucharest (Romania). <i>Atmosphere</i> , 2019, 10, 673.	1.0	5
17	COMBINED OPTOELECTRONIC METHODS USED IN THE MONITORING OF SO <sub>2</sub> EMISSIONS AND IMISSIONS. <i>Environmental Engineering and Management Journal</i> , 2013, 12, 277-282.	0.2	5
18	CASE STUDY OF THE FIRST VOLCANIC ASH EXERCISE IN ROMANIA USING REMOTE SENSING TECHNIQUES. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 2503-2514.	0.2	5

#	ARTICLE	IF	CITATIONS
19	<title>Investigation of seawater pollution on the Black Sea Romanian coast</title>. , 2006, 6522, 395.		4
20	AEROSOL SIZE DISTRIBUTION AND COMPOSITION NEAR BUCHAREST DURING MAY 2010. Environmental Engineering and Management Journal, 2011, 10, 121-126.	0.2	4
21	SEASONAL VARIATION OF THE AEROSOL CHEMICAL COMPOSITION IN A ROMANIAN PERI-URBAN AREA. Environmental Engineering and Management Journal, 2017, 16, 2491-2496.	0.2	4
22	CHEMICAL AND OPTICAL CHARACTERIZATION OF SUBMICRONIC AEROSOL SOURCES. Environmental Engineering and Management Journal, 2017, 16, 2165-2172.	0.2	3
23	Strengths and limitations of the NATALI code for aerosol typing from multiwavelength Raman lidar observations. EPJ Web of Conferences, 2018, 176, 05005.	0.1	2
24	Aerosol Source Assessment Based on Organic Chemical Markers. Revista De Chimie (discontinued), 2017, 68, 853-857.	0.2	2
25	Model of the interband nonlinear absorption in amorphous chalcogenides: Quasi-linear analytical solutions. Journal of Materials Science: Materials in Electronics, 2006, 17, 307-314.	1.1	1
26	A numerical model to improve the derivation of aerosols optical parameters from elastic backscatter lidar data. , 2006, , .		0
27	Integrated E-System for Pollution and Climate Change Monitoring in the Framework of the Romanian Atmospheric Research 3D Observatory - RADO. , 2013, , .		0
28	Variability of Biomass Burning Aerosols Layers and Near Ground. EPJ Web of Conferences, 2016, 119, 24004.	0.1	0
29	Ground based and airborne atmospheric measurements near bucharest. EPJ Web of Conferences, 2018, 176, 08009.	0.1	0
30	Biomass burning aerosols characterization from ground based and profiling measurements. EPJ Web of Conferences, 2018, 176, 08013.	0.1	0