

# Jakub Bartyzel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1515537/publications.pdf>

Version: 2024-02-01

14  
papers

143  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

464  
citing authors

#	ARTICLE	IF	CITATIONS
1	The fingerprint of the summer 2018 drought in Europe on ground-based atmospheric CO <sub>2</sub> measurements. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190513.	4.0	31
2	A new estimation of the recent tropospheric molecular hydrogen budget using atmospheric observations and variational inversion. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 3375-3392.	4.9	29
3	Quantification of carbon dioxide and methane emissions in urban areas: source apportionment based on atmospheric observations. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 1051-1071.	2.1	24
4	Correlation between leaf epicuticular wax composition and structure, physiological/biochemical traits and drought resistance in glaucous and non-glaucous near-isogenic lines of rye. <i>Plant Journal</i> , 2021, 108, 93-119.	5.7	12
5	Assessment of Ventilation Efficiency in School Classrooms Based on Indoor-Outdoor Particulate Matter and Carbon Dioxide Measurements. <i>Sustainability</i> , 2020, 12, 5600.	3.2	10
6	Dating of young groundwater using four anthropogenic trace gases (SF <sub>6</sub> ), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (S Environmental and Health Studies, 2016, 52, 393-404.	1.0	8
7	Summer-winter contrast in carbon isotope and elemental composition of total suspended particulate matter in the urban atmosphere of Krakow, Southern Poland. <i>Nukleonika</i> , 2020, 65, 181-191.	0.8	7
8	Ultra-Light Airborne Measurement System for Investigation of Urban Boundary Layer Dynamics. <i>Sensors</i> , 2021, 21, 2920.	3.8	6
9	Anthropogenic changes of CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, CFCl <sub>3</sub> , CF <sub>2</sub> Cl <sub>2</sub> , CCl <sub>2</sub> FCClF <sub>2</sub> , CHCl <sub>3</sub> , CH <sub>3</sub> CCl <sub>3</sub> , CCl <sub>4</sub> , SF <sub>6</sub> and SF <sub>5</sub> CF <sub>3</sub> mixing ratios in the atmosphere over southern Poland. <i>Geological Quarterly</i> , 0, , .	0.2	6
10	Heterogeneity of folding in Zechstein (Upper Permian) salt deposits in the Kłodawa Salt Structure, central Poland. <i>Geological Quarterly</i> , 0, , .	0.2	4
11	Regional Representativeness of CH <sub>4</sub> and N <sub>2</sub> O Mixing Ratio Measurements at High-Altitude Mountain Station Kasprowy Wierch, Southern Poland. <i>Aerosol and Air Quality Research</i> , 2016, 16, 568-580.	2.1	3
12	The use of a custom mode electron capture detector to determine mixing ratios of environmental tracers: Sulfur hexafluoride, chlorotrifluoromethane and bromotrifluoromethane. <i>Journal of Chromatography A</i> , 2013, 1282, 194-198.	3.7	1
13	Uptake of atmospheric hydrogen by soils: a case study from southern Poland. <i>European Journal of Soil Science</i> , 2013, 64, 597-609.	3.9	1
14	Monitoring of Greenhouse Gases in the Atmosphere - A Polish Perspective. <i>Papers on Global Change IGBP</i> , 2016, 23, 111-126.	0.1	1