

# Irina N Sokolik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4691722/publications.pdf>

Version: 2024-02-01

15  
papers

2,328  
citations

949033

11  
h-index

1113639

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2630  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress and Challenges in Quantifying Wildfire Smoke Emissions, Their Properties, Transport, and Atmospheric Impacts. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13005-13025.	1.2	37
2	The Impact of Smoke on the Ultraviolet and Visible Radiative Forcing Under Different Fire Regimes. <i>Air, Soil and Water Research</i> , 2018, 11, 117862211877480.	1.2	5
3	The Impacts of Smoke Emitted from Boreal Forest Wildfires on the High Latitude Radiative Energy Budget—A Case Study of the 2002 Yakutsk Wildfires. <i>Atmosphere</i> , 2018, 9, 410.	1.0	7
4	The Dust Direct Radiative Impact and Its Sensitivity to the Land Surface State and Key Minerals in the WRF-Chem DuMo Model: A Case Study of Dust Storms in Central Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4564-4582.	1.2	24
5	Analysis of Dust Aerosol Retrievals Using Satellite Data in Central Asia. <i>Atmosphere</i> , 2018, 9, 288.	1.0	23
6	Examining the Impact of Smoke on Frontal Clouds and Precipitation During the 2002 Yakutsk Wildfires Using the WRF-Chem SMOKE Model and Satellite Data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,765.	1.2	7
7	Developing a Dust Emission Procedure for Central Asia. <i>Air, Soil and Water Research</i> , 2017, 10, 117862211771193.	1.2	8
8	Seasonal dynamics of threshold friction velocity and dust emission in Central Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 1536-1564.	1.2	65
9	The effect of smoke emission amount on changes in cloud properties and precipitation: A case study of Canadian boreal wildfires of 2007. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 11,777.	1.2	18
10	Development of a physically based dust emission module within the Weather Research and Forecasting (WRF) model: Assessment of dust emission parameterizations and input parameters for source regions in Central and East Asia. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	156
11	Characterization of iron oxides in mineral dust aerosols: Implications for light absorption. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	228
12	Importance of shapes and compositions of wind-blown dust particles for remote sensing at solar wavelengths. <i>Geophysical Research Letters</i> , 2002, 29, 38-1-38-4.	1.5	122
13	Radiative heating rates and direct radiative forcing by mineral dust in cloudy atmospheric conditions. <i>Journal of Geophysical Research</i> , 2000, 105, 12207-12219.	3.3	139
14	Incorporation of mineralogical composition into models of the radiative properties of mineral aerosol from UV to IR wavelengths. <i>Journal of Geophysical Research</i> , 1999, 104, 9423-9444.	3.3	781
15	Direct radiative forcing by anthropogenic airborne mineral aerosols. <i>Nature</i> , 1996, 381, 681-683.	13.7	708