

Russian anthropogenic black carbon: Emission reconstruction and simulation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Spatial and Temporal Patterns in Black Carbon Deposition to Dated Fennoscandian Arctic Lake Sediments from 1830 to 2010. <i>Environmental Science & Technology</i> , 2015, 49, 13954-13963.	10.0	30
2	A global gas flaring black carbon emission rate dataset from 1994 to 2012. <i>Scientific Data</i> , 2016, 3, 160104.	5.3	43
3	Detection of a gas flaring signature in the AERONET optical properties of aerosols at a tropical station in West Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 14,513.	3.3	18
4	Russia's black carbon emissions: focus on diesel sources. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11267-11281.	4.9	13
5	Gas flaring and resultant air pollution: A review focusing on black carbon. <i>Environmental Pollution</i> , 2016, 216, 182-197.	7.5	117
6	Field Measurements of Black Carbon Yields from Gas Flaring. <i>Environmental Science & Technology</i> , 2017, 51, 1893-1900.	10.0	42
7	Siberian Arctic black carbon sources constrained by model and observation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1054-E1061.	7.1	80
8	Black Carbon Sources Constrained by Observations in the Russian High Arctic. <i>Environmental Science & Technology</i> , 2017, 51, 3871-3879.	10.0	43
9	Increasingly Important Role of Russian Emissions in Modulating the Arctic Climate System. <i>Environmental Science & Technology</i> , 2017, 51, 1951-1952.	10.0	0
10	Black carbon emissions in Russia: A critical review. <i>Atmospheric Environment</i> , 2017, 163, 9-21.	4.1	37
11	Multidecadal trends in aerosol radiative forcing over the Arctic: Contribution of changes in anthropogenic aerosol to Arctic warming since 1980. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 3573-3594.	3.3	70
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14	Factors controlling black carbon distribution in the Arctic. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 1037-1059.	4.9	51
15	Tagged tracer simulations of black carbon in the Arctic: transport, source contributions, and budget. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 10515-10533.	4.9	43
16	Do contemporary (1980â€“2015) emissions determine the elemental carbon deposition trend at Holtedahlfonna glacier, Svalbard?. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 12779-12795.	4.9	17
17	Sensitivity of black carbon concentrations and climate impact to aging and scavenging in OsloCTM2â€“M7. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6003-6022.	4.9	22
18	Raman Lidar Observations of Aerosol Optical Properties in 11 Cities from France to Siberia. <i>Remote Sensing</i> , 2017, 9, 978.	4.0	18

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20	Russian associated petroleum gas flaring limits: Interplay of formal and informal institutions. <i>Energy Policy</i> , 2018, 116, 232-241.	8.8	23
21	Temporally delineated sources of major chemical species in high Arctic snow. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3485-3503.	4.9	13
22	Characterization of solid airborne particles deposited in snow in the vicinity of urban fossil fuel thermal power plant (Western Siberia). <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2288-2303.	2.2	17
23	Results of the Study of Aerosol Characteristics in the Atmosphere of the Kara and Barents Seas in Summer and Autumn 2016. <i>Atmospheric and Oceanic Optics</i> , 2018, 31, 507-518.	1.3	8
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29	Aerosol optical, microphysical, chemical and radiative properties of high aerosol load cases over the Arctic based on AERONET measurements. <i>Scientific Reports</i> , 2018, 8, 9376.	3.3	22
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39	Aerosol carbonaceous, elemental and ionic composition variability and origin at the Siberian High Arctic, Cape Baranova. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 72, 1803708.	1.6	12
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49	Submicron Aerosol and Black Carbon in the Troposphere of Southwestern Siberia (1997–2018). <i>Atmosphere</i> , 2021, 12, 351.	2.3	4
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56	Dynamics of gaseous oxidized mercury at Villum Research Station during the High Arctic summer. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 13287-13309.	4.9	2
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