Tatsuhiro Mori

List of Publications by Year
in descending order

21	448	623734 14	713466 21
papers	citations	h-index	g-index

21	21	21	579
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetic strong coupling in a spin-photon system and transition to classical regime. Physical Review B, 2010, 82, .	3.2	80
2	A key process controlling the wet removal of aerosols: new observational evidence. Scientific Reports, 2016, 6, 34113.	3.3	52
3	Improved technique for measuring the size distribution of black carbon particles in liquid water. Aerosol Science and Technology, 2016, 50, 242-254.	3.1	35
4	Black Carbon and Inorganic Aerosols in Arctic Snowpack. Journal of Geophysical Research D: Atmospheres, 2019, 124, 13325-13356.	3.3	31
5	Accuracy of black carbon measurements by a filter-based absorption photometer with a heated inlet. Aerosol Science and Technology, 2019, 53, 1079-1091.	3.1	26
6	Wet deposition of black carbon at a remote site in the East China Sea. Journal of Geophysical Research D: Atmospheres, 2014, 119, 10485-10498.	3.3	25
7	Observational constraint of in-cloud supersaturation for simulations of aerosol rainout in atmospheric models. Npj Climate and Atmospheric Science, 2019, 2, .	6.8	25
8	Detection of light-absorbing iron oxide particles using a modified single-particle soot photometer. Aerosol Science and Technology, 2016, 50, 1-4.	3.1	24
9	Seasonal Progression of the Deposition of Black Carbon by Snowfall at Nyâ€Ã…lesund, Spitsbergen. Journal of Geophysical Research D: Atmospheres, 2018, 123, 997-1016.	3.3	21
10	Abundance and Emission Flux of the Anthropogenic Iron Oxide Aerosols From the East Asian Continental Outflow. Journal of Geophysical Research D: Atmospheres, 2018, 123, 11,194.	3.3	20
11	Estimates of mass absorption cross sections of black carbon for filter-based absorption photometers in the Arctic. Atmospheric Measurement Techniques, 2021, 14, 6723-6748.	3.1	19
12	Concentrations and Size Distributions of Black Carbon in the Surface Snow of Eastern Antarctica in 2011. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD030737.	3.3	17
13	Seasonal Variation of Wet Deposition of Black Carbon in Arctic Alaska. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032240.	3.3	16
14	Abundances and Microphysical Properties of Lightâ€Absorbing Iron Oxide and Black Carbon Aerosols Over East Asia and the Arctic. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032301.	3.3	15
15	Contrasting source contributions of Arctic black carbon to atmospheric concentrations, deposition flux, and atmospheric and snow radiative effects. Atmospheric Chemistry and Physics, 2022, 22, 8989-9009.	4.9	12
16	Changes in black carbon and PM_{2.5} in Tokyo in 2003â€“2017. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2020, 96, 122-129.	3.8	8
17	Seasonal Variation of Wet Deposition of Black Carbon at Nyâ€Ã…lesund, Svalbard. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034110.	3.3	8
18	Theoretical analysis of a method to measure size distributions of solid particles in water by aerosolization. Journal of Aerosol Science, 2015, 83, 25-31.	3.8	6

#	Article	IF	Citations
19	Detection of Aerosol Particles from Siberian Biomass Burning over the Western North Pacific. Atmosphere, 2020, 11, 1175.	2.3	4
20	Studies on Arctic aerosols and clouds during the ArCS project. Polar Science, 2021, 27, 100621.	1.2	3
21	Wetting properties of fresh urban soot particles: Evaluation based on critical supersaturation and observation of surface trace materials. Science of the Total Environment, 2022, 811, 152274.	8.0	1