Teppei J Yasunari

List of Publications by Year
in descending order

27	2,204	516681 16	552766 26
papers	citations	h-index	g-index

29	29	29	2838
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Developing an insulation box with automatic temperature control for PM2.5 measurements in cold regions. Journal of Environmental Management, 2022, 311, 114784.	7.8	2
2	Relationship between circum-Arctic atmospheric wave patterns and large-scale wildfires in boreal summer. Environmental Research Letters, 2021, 16, 064009.	5.2	17
3	A twenty-year deposition record of elemental carbon in Northern Japan retrieved from archived filters. Scientific Reports, 2020, 10, 4520.	3.3	1
4	Impacts of Snow Darkening by Deposition of Lightâ€Absorbing Aerosols on Hydroclimate of Eurasia During Boreal Spring and Summer. Journal of Geophysical Research D: Atmospheres, 2018, 123, 8441-8461.	3.3	23
5	Extreme air pollution events in Hokkaido, Japan, traced back to early snowmelt and large-scale wildfires over East Eurasia: Case studies. Scientific Reports, 2018, 8, 6413.	3.3	20
6	An Unreported Asian Dust (Kosa) Event in Hokkaido, Japan: A Case Study of 7 March 2016. Scientific Online Letters on the Atmosphere, 2017, 13, 96-101.	1.4	2
7	Total dust deposition flux during precipitation in Toyama, Japan, in the spring of 2009: A sensitivity analysis with the NASA GEOS-5 Model. Atmospheric Research, 2016, 167, 298-313.	4.1	4
8	Impact of snow darkening via dust, black carbon, and organic carbon on boreal spring climate in the Earth system. Journal of Geophysical Research D: Atmospheres, 2015, 120, 5485-5503.	3.3	64
9	Light-absorbing particles in snow and ice: Measurement and modeling of climatic and hydrological impact. Advances in Atmospheric Sciences, 2015, 32, 64-91.	4.3	223
10	The GOddard SnoW Impurity Module (GOSWIM) for the NASA GEOS-5 Earth System Model: Preliminary Comparisons with Observations in Sapporo, Japan. Scientific Online Letters on the Atmosphere, 2014, 10, 50-56.	1.4	13
11	Satellite observations of desert dustâ€induced Himalayan snow darkening. Geophysical Research Letters, 2013, 40, 988-993.	4.0	131
12	Estimated range of black carbon dry deposition and the related snow albedo reduction over Himalayan glaciers during dry pre-monsoon periods. Atmospheric Environment, 2013, 78, 259-267.	4.1	70
13	Correction for Yasunari et al., Cesium-137 deposition and contamination of Japanese soils due to the Fukushima nuclear accident. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7525-7528.	7.1	6
14	Xenon-133 and caesium-137 releases into the atmosphere from the Fukushima Dai-ichi nuclear power plant: determination of the source term, atmospheric dispersion, and deposition. Atmospheric Chemistry and Physics, 2012, 12, 2313-2343.	4.9	510
15	Correction to â€œInfluence of dust and black carbon on the snow albedo in the NASA Goddard Earth Observing System version 5 land surface modelâ€. Journal of Geophysical Research, 2012, 117, .	3.3	4
16	Influence of dust and black carbon on the snow albedo in the NASA Goddard Earth Observing System version 5 land surface model. Journal of Geophysical Research, 2011, 116, .	3.3	52
17	What influences climate and glacier change in southwestern China?. Environmental Research Letters, 2011, 6, 041001.	5.2	2
18	Cesium-137 deposition and contamination of Japanese soils due to the Fukushima nuclear accident. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19530-19534.	7.1	551

#	Article	IF	Citations
19	Estimated impact of black carbon deposition during pre-monsoon season from Nepal Climate Observatory â€“ Pyramid data and snow albedo changes over Himalayan glaciers. Atmospheric Chemistry and Physics, 2010, 10, 6603-6615.	4.9	164
20	Origins of Air Masses over an Alaskan Glacier and Implications for Ice Core Studies in the North Pacific Region. Scientific Online Letters on the Atmosphere, 2009, 5, 77-80.	1.4	7
21	Impacts of Asian dust storm associated with the stratosphere-to-troposphere transport in the spring of 2001 and 2002 on dust and tritium variations in Mount Wrangell ice core, Alaska. Atmospheric Environment, 2009, 43, 2582-2590.	4.1	25
22	Variations of the snow physical parameters and their effects on albedo in Sapporo, Japan. Annals of Glaciology, 2007, 46, 375-381.	1.4	25
23	Intra-annual variations in atmospheric dust and tritium in the North Pacific region detected from an ice core from Mount Wrangell, Alaska. Journal of Geophysical Research, 2007, 112, .	3.3	28
24	ADEOS-II/GLI snow/ice products â€” Part II: Validation results using GLI and MODIS data. Remote Sensing of Environment, 2007, 111, 274-290.	11.0	69
25	Atmospheric Aerosol Deposition on Snow Surfaces and Its Effect on Albedo. Scientific Online Letters on the Atmosphere, 2006, 2, 13-16.	1.4	62
26	In-situ measured spectral directional emissivity of snow and ice in the 8â€“14 Î¼m atmospheric window. Remote Sensing of Environment, 2006, 100, 486-502.	11.0	129
27	Validation results of ADEOS-II/GLI snow products. , 0, , .		0