Takuro Kobashi

List of Publications by Year
in descending order

26	1,045	516215 16	642321 23
papers	citations	h-index	g-index

30	30	30	1550
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Precise timing and characterization of abrupt climate change 8200 years ago from air trapped in polar ice. Quaternary Science Reviews, 2007, 26, 1212-1222.	1.4	213
2	Volcanic influence on centennial to millennial Holocene Greenland temperature change. Scientific Reports, 2017, 7, 1441.	1.6	120
3	High variability of Greenland surface temperature over the past 4000 years estimated from trapped air in an ice core. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	114
4	On the potential of â€œPhotovoltaics + Electric vehiclesâ€•for deep decarbonization of Kyotoâ€™s power systems: Techno-economic-social considerations. Applied Energy, 2020, 275, 115419.	5.1	68
5	Reevaluation of conflicting Eocene tropical temperature estimates: Molluskan oxygen isotope evidence for warm low latitudes. Geology, 2001, 29, 983.	2.0	59
6	4Â±1.5ÂÂ°C abrupt warming 11,270Âyr ago identified from trapped air in Greenland ice. Earth and Planetary Science Letters, 2008, 268, 397-407.	1.8	59
7	Persistent multi-decadal Greenland temperature fluctuation through the last millennium. Climatic Change, 2010, 100, 733-756.	1.7	56
8	Argon and nitrogen isotopes of trapped air in the GISP2 ice core during the Holocene epoch (0â€“11,500) Tj ETQq0 0 0 rgBT /Overlock 1 72, 4675-4686.	1.6	45
9	The oxygen isotopic record of seasonality in Conus shells and its application to understanding late middle Eocene (38 Ma) climate. Paleontological Research, 2003, 7, 343-355.	0.5	39
10	On the origin of multidecadal to centennial Greenland temperature anomalies over the past 800 yr. Climate of the Past, 2013, 9, 583-596.	1.3	37
11	Techno-economic assessment of photovoltaics plus electric vehicles towards household-sector decarbonization in Kyoto and Shenzhen by the year 2030. Journal of Cleaner Production, 2020, 253, 119933.	4.6	37
12	Energy infrastructure transitions with PV and EV combined systems using techno-economic analyses for decarbonization in cities. Applied Energy, 2022, 319, 119254.	5.1	33
13	Water mass stability reconstructions from greenhouse (Eocene) to icehouse (Oligocene) for the northern Gulf Coast continental shelf (USA). Paleoceanography, 2004, 19, n/a-n/a.	3.0	29
14	Causes of Greenland temperature variability over the past 4000 yr: implications for northern hemispheric temperature changes. Climate of the Past, 2013, 9, 2299-2317.	1.3	28
15	Rapid rise of decarbonization potentials of photovoltaics plus electric vehicles in residential houses over commercial districts. Applied Energy, 2022, 306, 118142.	5.1	23
16	Techno-economic assessment of the residential photovoltaic systems integrated with electric vehicles: A case study of Japanese households towards 2030. Energy Procedia, 2019, 158, 3802-3807.	1.8	19
17	SolarEV City concept: building the next urban power and mobility systems. Environmental Research Letters, 2021, 16, 024042.	2.2	17
18	Modern solar maximum forced late twentieth century Greenland cooling. Geophysical Research Letters, 2015, 42, 5992-5999.	1.5	16

#	Article	IF	Citations
19	Post-bubble close-off fractionation of gases in polar firn and ice cores: effects of accumulation rate on permeation through overloading pressure. Atmospheric Chemistry and Physics, 2015, 15, 13895-13914.	1.9	12
20	Smart city and ICT infrastructure with vehicle to X applications toward urban decarbonization. , 2020, , 289-333.		8
21	Urban systems and the role of big data. , 2020, , 23-58.		4
22	Assessment of Waterfront Office Redevelopment Plan on Optimal Building Arrangements with Rooftop Photovoltaics: A Case Study for Shinagawa, Tokyo. Energies, 2022, 15, 883.	1.6	4
23	STATISTICS OF ANNUAL MEAN TOTAL WATER STORAGE INDEX IN THE TANK MODEL IN JAPAN. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_343-I_348.	0.0	1
24	Monitoring Progress of Adaptation to Climate Change: The Use of Adaptation Metrics. Asian Journal of Environment and Disaster Management (AJEDM) â€“ Focusing on Pro-active Risk Reduction in Asia, 2010, 02, 435.	0.1	1
25	Abrupt Climate Changes During the Last 11,600 Years. Suimon Mizu Shigen Gakkaishi, 2010, 23, 75-82.	0.1	0
26	Characteristics of Extreme Value Statistics of Annual Maximum Monthly Precipitation in East Asia Calculated Using an Earth System Model of Intermediate Complexity. Atmosphere, 2020, 11, 1273.	1.0	0