

Barry Huebert

List of Publications by Year in descending order

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35
papers

3,517
citations

212478

28
h-index

406436

35
g-index

35
all docs

35
docs citations

35
times ranked

4537
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainties in data on organic aerosols. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 52, 1249.	0.8	40
2	Air-Sea exchange of biogenic volatile organic compounds and the impact on aerosol particle size distributions. <i>Geophysical Research Letters</i> , 2017, 44, 3887-3896.	1.5	42
3	Wave-Related Reynolds Number Parameterizations of CO ₂ and DMS Transfer Velocities. <i>Geophysical Research Letters</i> , 2017, 44, 9865-9875.	1.5	40
4	Wind Speed and Sea State Dependencies of Air-Sea Gas Transfer: Results From the High Wind Speed Gas Exchange Study (HiWinGS). <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8034-8062.	1.0	47
5	Revisiting benzene cluster cations for the chemical ionization of dimethyl sulfide and select volatile organic compounds. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 1473-1484.	1.2	19
6	Advances in Air-Sea CO ₂ Flux Measurement by Eddy Correlation. <i>Boundary-Layer Meteorology</i> , 2014, 152, 245-276.	1.2	49
7	Dimethyl sulfide: Less important than long-range transport as a source of sulfate to the remote tropical Pacific marine boundary layer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 9142-9167.	1.2	14
8	Air-sea exchange of dimethylsulfide in the Southern Ocean: Measurements from SO GasEx compared to temperate and tropical regions. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	66
9	Determining the sea-air flux of dimethylsulfide by eddy correlation using mass spectrometry. <i>Atmospheric Measurement Techniques</i> , 2010, 3, 1-20.	1.2	73
10	Linearity of DMS transfer coefficient with both friction velocity and wind speed in the moderate wind speed range. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	35
11	Photochemical histories of nonmethane hydrocarbons inferred from their stable carbon isotope ratio measurements over east Asia. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	14
12	Comparison of quantification methods to measure fire-derived (black/elemental) carbon in soils and sediments using reference materials from soil, water, sediment and the atmosphere. <i>Global Biogeochemical Cycles</i> , 2007, 21, .	1.9	483
13	DMS sea-air transfer velocity: Direct measurements by eddy covariance and parameterization based on the NOAA/COARE gas transfer model. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	79
14	A large organic aerosol source in the free troposphere missing from current models. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	576
15	PELTI: Measuring the Passing Efficiency of an Airborne Low Turbulence Aerosol Inlet. <i>Aerosol Science and Technology</i> , 2004, 38, 803-826.	1.5	55
16	Function and Performance of a Low Turbulence Inlet for Sampling Supermicron Particles from Aircraft Platforms. <i>Aerosol Science and Technology</i> , 2004, 38, 790-802.	1.5	58
17	Intercomparisons of airborne measurements of aerosol ionic chemical composition during TRACE-P and ACE-Asia. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	34
18	Chemical composition of atmospheric aerosols from Zhenbeitai, China, and Gosan, South Korea, during ACE-Asia. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	152

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19	Environmental snapshots from ACE-Asia. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	42
20	Measurement of the sea-air DMS flux and transfer velocity using eddy correlation. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	91
21	Aerosol particles collected on aircraft flights over the northwestern Pacific region during the ACE-Asia campaign: Composition and major sources of the organic compounds. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	70
22	Measurements of organic and elemental carbon in Asian outflow during ACE-Asia from the NSF/NCAR C-130. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	64
23	Sea-salt vertical profiles over the Southern and tropical Pacific oceans: Microphysics, optical properties, spatial variability, and variations with wind speed. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	52
24	An intercomparison of lidar-derived aerosol optical properties with airborne measurements near Tokyo during ACE-Asia. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	60
25	An overview of ACE-Asia: Strategies for quantifying the relationships between Asian aerosols and their climatic impacts. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	725
26	A global aerosol model forecast for the ACE-Asia field experiment. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	78
27	Source signatures of carbon monoxide and organic functional groups in Asian Pacific Regional Aerosol Characterization Experiment (ACE-Asia) submicron aerosol types. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	159
28	Atmospheric deposition of inorganic and organic nitrogen and base cations in Hawaii. <i>Global Biogeochemical Cycles</i> , 2002, 16, 24-1-24-16.	1.9	56
29	Geochemistry of atmospheric aerosols generated from lava-seawater interactions. <i>Geophysical Research Letters</i> , 2002, 29, 49-1-49-4.	1.5	25
30	Title is missing!. <i>Journal of Atmospheric Chemistry</i> , 2000, 37, 137-160.	1.4	50
31	Cloudwater deposition as a source of fixed nitrogen in a Hawaiian montane forest. <i>Biogeochemistry</i> , 1999, 44, 119-134.	1.7	60
32	Sulphur emissions from ships. <i>Nature</i> , 1999, 400, 713-714.	13.7	14
33	Cloudwater deposition as a source of fixed nitrogen in a Hawaiian montane forest. <i>Biogeochemistry</i> , 1999, 44, 119-134.	1.7	13
34	A Field Intercomparison of Three Cascade Impactors. <i>Aerosol Science and Technology</i> , 1998, 29, 475-492.	1.5	47
35	Production and loss of methanesulfonate and non-sea salt sulfate in the equatorial Pacific marine boundary layer. <i>Geophysical Research Letters</i> , 1996, 23, 737-740.	1.5	35