## Contribution of Water to Particulate Mass in the South

Aerosol Science and Technology 22, 111-123 DOI: 10.1080/02786829408959731

Citation Report

#	Article	IF	CITATIONS
1	Atmospheric Gas-Aerosol Equilibrium: IV. Thermodynamics of Carbonates. Aerosol Science and Technology, 1995, 23, 131-154.	3.1	149
2	Organics alter hygroscopic behavior of atmospheric particles. Journal of Geophysical Research, 1995, 100, 18755.	3.3	533
3	Water-soluble organics in atmospheric particles: A critical review of the literature and application of thermodynamics to identify candidate compounds. Journal of Atmospheric Chemistry, 1996, 24, 57-109.	3.2	1,026
4	Water Absorption by Organics:Â Survey of Laboratory Evidence and Evaluation of UNIFAC for Estimating Water Activity. Environmental Science & Technology, 1997, 31, 3318-3324.	10.0	107
5	Development and application of a new air pollution modeling system—II. Aerosol module structure and design. Atmospheric Environment, 1997, 31, 131-144.	4.1	289
6	A prognostic physico-chemical model of secondary and marine inorganic multicomponent aerosols I. Model description. Atmospheric Environment, 1999, 33, 567-576.	4.1	21
7	A prognostic physico-chemical model of secondary and marine inorganic multicomponent aerosols II. Model tests. Atmospheric Environment, 1999, 33, 1543-1552.	4.1	18
8	An Analysis of Four Models Predicting the Partitioning of Semivolatile Inorganic Aerosol Components. Aerosol Science and Technology, 1999, 31, 129-153.	3.1	75
9	Simulation of the dynamics and composition of secondary and marine inorganic aerosols in the coastal atmosphere. Journal of Geophysical Research, 1999, 104, 30201-30217.	3.3	18
10	Behaviors of volatile inorganic components in urban aerosols. Atmospheric Environment, 2000, 34, 353-361.	4.1	18
11	The Use of Ambient Measurements To Identify which Precursor Species Limit Aerosol Nitrate Formation. Journal of the Air and Waste Management Association, 2000, 50, 2073-2084.	1.9	57
12	Species Contributions to PM2.5 Mass Concentrations: Revisiting Common Assumptions for Estimating Organic Mass. Aerosol Science and Technology, 2001, 35, 602-610.	3.1	1,548
13	Fine particle measurements at two background sites in Korea between 1996 and 1997. Atmospheric Environment, 2001, 35, 635-643.	4.1	93
14	The water cycles of water-soluble organic salts of atmospheric importance. Atmospheric Environment, 2001, 35, 1183-1192.	4.1	157
15	Differences in PM10 concentrations measured by β-gauge monitor and hi-vol sampler. Atmospheric Environment, 2001, 35, 5741-5748.	4.1	40
16	Effects of Changes in Sulfate, Ammonia, and Nitric Acid on Particulate Nitrate Concentrations in the Southeastern United States. Journal of the Air and Waste Management Association, 2003, 53, 283-290.	1.9	79
17	MAJOR FACTORS AFFECTING PM2.5 WATER CONTENT IN SEOUL AND GOSAN, KOREA. Journal of Aerosol Science, 2004, 35, S921-S922.	3.8	0
18	Characteristics of aerosol acidity in Hong Kong. Atmospheric Environment, 2004, 38, 2965-2974.	4.1	102

CITATION REPORT

#	Article	IF	CITATIONS
19	Mass balance closure and the Federal Reference Method for PM2.5 in Pittsburgh, Pennsylvania. Atmospheric Environment, 2004, 38, 3305-3318.	4.1	98
20	THE DYNAMICS OF A SMALL DROP IN A THERMAL DIFFUSION CLOUD CHAMBER. Journal of Aerosol Science, 2004, 35, S919-S920.	3.8	0
21	Gas to particle distribution of low molecular weight dicarboxylic acids at two different sites in central Europe (Austria). Journal of Aerosol Science, 2005, 36, 991-1005.	3.8	44
22	Modeling retained water content in measured aerosol mass. Atmospheric Environment, 2006, 40, 5202-5213.	4.1	12
23	Characterization of Asian dust storm and non-Asian dust storm PM2.5 aerosol in southern Taiwan. Atmospheric Environment, 2006, 40, 4734-4750.	4.1	51
24	Effects of Sulfur Dioxide and Oxides of Nitrogen Emission Reductions on Fine Particulate Matter Mass Concentrations: Regional Comparisons. Journal of the Air and Waste Management Association, 2007, 57, 1337-1350.	1.9	21
25	Carbonaceous aerosol at two rural locations in New York State: Characterization and behavior. Journal of Geophysical Research, 2008, 113, .	3.3	16
26	Seasonal characteristics of chemically apportioned aerosol optical properties at Seoul and Gosan, Korea. Atmospheric Environment, 2009, 43, 1320-1328.	4.1	30
27	Summertime PM <sub>2.5</sub> ionic species in four major cities of China: nitrate formation in an ammonia-deficient atmosphere. Atmospheric Chemistry and Physics, 2009, 9, 1711-1722.	4.9	511
28	Improving estimation of real-time concentration for inhalable particles < 10 μ m from a light scattering monitor. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 332-338.	1.7	2
29	Secondary organic aerosol formation in cloud droplets and aqueous particles (aqSOA): a review of laboratory, field and model studies. Atmospheric Chemistry and Physics, 2011, 11, 11069-11102.	4.9	1,085
30	Experimental and Theoretical Study of Aqueous <i>cis</i> -Pinonic Acid Photolysis. Journal of Physical Chemistry A, 2013, 117, 12930-12945.	2.5	60
31	Ozone-Driven Secondary Organic Aerosol Production Chain. Environmental Science & Technology, 2013, 47, 3639-3647.	10.0	30
32	Molecular characterization of brown carbon (BrC) chromophores in secondary organic aerosol generated from photo-oxidation of toluene. Physical Chemistry Chemical Physics, 2015, 17, 23312-23325.	2.8	210
33	Tropospheric Aqueous-Phase Chemistry: Kinetics, Mechanisms, and Its Coupling to a Changing Gas Phase. Chemical Reviews, 2015, 115, 4259-4334.	47.7	438
34	Aqueous phase oligomerization of α,β-unsaturated carbonyls and acids investigated using ion mobility spectrometry coupled to mass spectrometry (IMS-MS). Atmospheric Environment, 2016, 130, 153-162.	4.1	13
35	Experimental Study of the Formation of Organosulfates from α-Pinene Oxidation. Part I: Product Identification, Formation Mechanisms and Effect of Relative Humidity. Journal of Physical Chemistry A, 2016, 120, 7909-7923.	2.5	15
36	Molecular Chemistry of Atmospheric Brown Carbon Inferred from a Nationwide Biomass Burning Event. Environmental Science & Technology, 2017, 51, 11561-11570.	10.0	215

		CITATION REPORT		
#	Article		IF	CITATIONS
37	Seasonal variation in aerosol composition and concentration upon transport from the outdoor to indoor environment. Environmental Sciences: Processes and Impacts, 2019, 21, 528-547.		3.5	36
38	Indoor aerosol water content and phase state in U.S. residences: impacts of relative humidity, aero mass and composition, and mechanical system operation. Environmental Sciences: Processes and Impacts, 2020, 22, 2031-2057.	bsol	3.5	20
39	Strongly and Loosely Bound Water in Ambient Particulate Matter—Qualitative and Quantitative Determination by Karl Fischer Coulometric Method. Sustainability, 2020, 12, 6196.		3.2	4
40	Indoor acids and bases. Indoor Air, 2020, 30, 559-644.		4.3	67
41	First systematic review on PM-bound water: exploring the existing knowledge domain using the CiteSpace software. Scientometrics, 2020, 124, 1945-2008.		3.0	16
42	Estimation of the optimal heated inlet air temperature for the beta-ray absorption method: analysi the PM10 concentration difference by different methods in coastal areas. Advances in Environmer Research, 2012, 1, 69-82.	s of Ital	0.3	4
43	Analysis of the Measurement Difference for the PM10 Concentrations between Beta-ray Absorptic and Gravimetric Methods at Gosan. Aerosol and Air Quality Research, 2011, 11, 846-853.	n	2.1	38
47	Effects of Aerosol Hygroscopicity on Fine Particle Mass Concentration and Light Extinction Coefficient at Seoul and Gosan in Korea. Asian Journal of Atmospheric Environment, 2010, 4, 55-6	1.	1.1	11
48	Seasonal Variations of Chemical Composition and Optical Properties of Aerosols at Seoul and Gos Journal of Korean Society for Atmospheric Environment, 2008, 24, 470-482.	an.	1.1	7
49	Metrology for Atmospheric Environment. , 2020, , 639-689.			2
50	Physicochemical Characteristics of PM2.5 Based on Long-term Hourly Data at National Intensive Monitoring Sites in Korea. Asian Journal of Atmospheric Environment, 2022, 16, 61-82.		1.1	2
51	Effects of Aerosol Hygroscopicity on Fine Particle Mass Concentration and Light Extinction Coefficient at Seoul and Gosan in Korea. Asian Journal of Atmospheric Environment, 2010, 4, 55-6	1.	1.1	0