

Study of metal aerosol systems as a sink for atmospheric

Journal of Atmospheric Chemistry

4, 311-334

DOI: 10.1007/bf00053807

Citation Report

#	ARTICLE	IF	CITATIONS
1	Both Sides Now.. Annals of the New York Academy of Sciences, 1987, 502, 83-144.	3.8	7
2	Dissolution of manganese from marine atmospheric particulates into seawater and rainwater. Geochimica Et Cosmochimica Acta, 1988, 52, 2433-2437.	3.9	48
3	Pollutant scavenging from plumes: A modeling case study from the ASARCO smelter. Atmospheric Environment, 1989, 23, 1063-1071.	1.0	2
4	Aerosol growth due to heterogeneous reaction. Journal of Colloid and Interface Science, 1989, 127, 453-464.	9.4	1
5	Aerosol growth due to heterogeneous reaction. Journal of Colloid and Interface Science, 1989, 127, 465-486.	9.4	3
6	The atmospheric input of trace species to the world ocean. Global Biogeochemical Cycles, 1991, 5, 193-259.	4.9	1,478
7	Kinetics of surface-catalyzed oxidation of sulphur(IV) by dioxygen in aqueous suspensions of cobalt(II) oxide. Journal of Molecular Catalysis, 1991, 69, 393-405.	1.2	12
8	The role of free fall atmospheric dust in catalysing autoxidation of aqueous sulphur dioxide. Atmospheric Environment Part A General Topics, 1992, 26, 667-673.	1.3	23
9	Aerosol dynamics and light scattering properties of a volcanic plume. Journal of Geophysical Research, 1993, 98, 19705-19711.	3.3	14
10	Catalytic Oxidation of Sulfurous Acid by Molecular Oxygen. Investigations on the Electrochemical Estimation of the Catalytic Activity. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1993, 97, 1076-1084.	0.9	10
11	14.P.09 Heterogeneous SO ₂ and NO ₂ removal in a marine atmosphere. Journal of Aerosol Science, 1994, 25, 127-128.	3.8	0
12	On the Source of the Submicrometer Droplet Mode of Urban and Regional Aerosols. Aerosol Science and Technology, 1994, 20, 253-265.	3.1	186
13	Growth of monodisperse, submicron aerosol particles exposed to SO ₂ , H ₂ O ₂ , and NH ₃ . Journal of Atmospheric Chemistry, 1995, 20, 117-139.	3.2	16
14	Gildes model studies of aqueous chemistry. I. Formulation and potential applications of the multi-regime model. Corrosion Science, 1996, 38, 2153-2180.	6.6	65
15	The pH-dependent dissolution of wind-transported Saharan dust. Journal of Geophysical Research, 1999, 104, 21287-21299.	3.3	98
16	Title is missing!. Journal of Atmospheric Chemistry, 2003, 46, 207-237.	3.2	93
17	Tropospheric volcanic aerosol. Geophysical Monograph Series, 2003, , 189-212.	0.1	121
18	Heterogeneous Uptake and Oxidation of SO ₂ on Iron Oxides. Journal of Physical Chemistry C, 2007, 111, 6077-6085.	3.1	202

#	ARTICLE	IF	CITATIONS
19	Micro-Raman and FTIR Spectroscopic Observation on the Phase Transitions of MnSO_4 Droplets and Ionic Interactions between Mn^{2+} and SO_4^{2-} . Journal of Physical Chemistry A, 2010, 114, 6480-6486.	2.5	42
20	The secondary formation of inorganic aerosols in the droplet mode through heterogeneous aqueous reactions under haze conditions. Atmospheric Environment, 2012, 63, 68-76.	4.1	195
21	Missing SO_2 oxidant in the coastal atmosphere? â€“ observations from high-resolution measurements of OH and atmospheric sulfur compounds. Atmospheric Chemistry and Physics, 2014, 14, 12209-12223.	4.9	38
22	Tank-mix of chlorantraniliprole and manganese foliar fertilizers: Impact on rheological characteristics, deposit properties and cuticular penetration. Crop Protection, 2018, 106, 50-57.	2.1	6
23	Characteristics of chemical composition and seasonal variations of $\text{PM}_{2.5}$ in Shijiazhuang, China: Impact of primary emissions and secondary formation. Science of the Total Environment, 2019, 677, 215-229.	8.0	84
24	Seasonal variation of chemical characteristics of fine particulate matter at a high-elevation subtropical forest in East Asia. Environmental Pollution, 2019, 246, 668-677.	7.5	18
25	A chamber study of catalytic oxidation of SO_2 by $\text{Mn}^{2+}/\text{Fe}^{3+}$ in aerosol water. Atmospheric Environment, 2021, 245, 118019.	4.1	19
26	Chemical characteristics, source apportionment, and regional contribution of $\text{PM}_{2.5}$ in Zhangjiakou, Northern China: A multiple sampling sites observation and modeling perspective. Environmental Advances, 2021, 3, 100034.	4.8	14
27	Volatile metal emissions from volcanic degassing and lavaâ€“seawater interactions at K�lauea Volcano, Hawaiiâ€™. Communications Earth & Environment, 2021, 2, .	6.8	25
29	Enhanced secondary organic aerosol formation during dust episodes by photochemical reactions in the winter in Wuhan. Journal of Environmental Sciences, 2023, 133, 70-82.	6.1	4
30	On a New Mode of Catalytic Sulfite Oxidation in the Presence of Mn(II) and Excess Metal Ions. Kinetics and Catalysis, 2023, 64, 74-84.	1.0	0
31	Dynamics of Sulfate Formation in Atmospheric Haze. Atmospheric and Oceanic Optics, 2023, 36, 394-399.	1.3	0
32	Single Droplet Tweezer Revealing the Reaction Mechanism of Mn(II) -Catalyzed SO_2 Oxidation. Environmental Science & Technology, 2024, 58, 5068-5078.	10.0	0