



中国科学院气溶胶化学与物理重点实验室

Key Laboratory of Aerosol Chemistry and Physics, Chinese Academy of Sciences

(<http://www.klaccp.ac.cn>)



首页 (./././) / 科研成果 (././) / SCI论文 (./)

科研成果

> SCI论文 (./)

> 中文论文 (././zwlw/)

> 专利技术 (././zljjs/)

> 学术专著 (././xszz/)

> 研究报告 (././yjbg/)

> 示范工程 (././sfgc/)

> 科研项目 (././kyxm_28587/)

> 实验室年报 (././sysjb/)

2011年发表论文列表

时间：2015-02-01 来源：

【打印】

序号	题目	作者	期刊	年、卷(期)、页码
1	Simultaneous Measurements of Surface Ozone at Two Sites over the Southern Asia: A Comparative Study (./W020150403617843433520.pdf)	Suresh, K.B., Reddy, L.S. S., Cao, J.J., et al.	Aerosol & Air Quality Research	2011, 11, 895-902
2	Chemical Composition of Indoor and Outdoor Atmospheric Particles at Emperor Qin's Terra-cotta Museum, Xi'an, China (./W020150403617843478506.pdf)	Cao, J.J., Li, H., Chow, J.C., et al.	Aerosol & Air Quality Research	2011, 11, 70-79
3	Analysis of a Severe Dust Storm Event over China: Application of the WRF-Dust Model (./W020150403617843492015.pdf)	Bian, H., Tie, X.X., Cao, J.J., et al.	Aerosol & Air Quality Research	2011, 11, 4, 419-428
4	Measurement System Evaluation for Upwind #Downwind Sampling of Fugitive Dust Emissions (./W020150403617843709647.pdf)	Watson, J.G., Chow, J.C., Chen, L., et al.	Aerosol & Air Quality Research	2011, 11, 4, 331-350
5	Chemical Composition of Water-soluble Ions and Carbonate Estimation in Spring Aerosol at a Semi-arid Site of Tongyu, China (./W020150403617843775295.pdf)	Shen, Z.X., Wang, X., Cao, J.J., et al.	Aerosol & Air Quality Research	2011, 11, 360-368
6	Nonpolar organic compounds in fine particles: quantification by thermal desorption-GC/MS and evidence for their significant oxidation in ambient aerosol in Hong Kong (./W020150403617843795675.pdf)	Yu, J.Z., Huang, X.H.H., Ho, S.S.H., et al.	Analytical and Bioanalytical Chemistry	2011, 410, 10, 3125-3139

7	Quality assurance and quality control for thermal/optical analysis of aerosol samples for organic and elemental carbon (/W020150403617843864832.pdf)	Chow, J.C., Watson, J.G., Robles, J., et al.	Analytical and Bioanalytical Chemistry.	2011, 401, 10, 3141–3152
8	Observation of atmospheric aerosols at Mt. Hua and Mt. Tai in central and east China during spring 2009 –Part 1: EC, OC and inorganic ions (/W020150403617843904196.pdf)	Wang, G.H., Li, J., Cheng, C., et al.	Atmospheric Chemistry and Physics	2011, 11, 4221–4235
9	Summer and winter variations of dicarboxylic acids, fatty acids and benzoic acid in PM2.5 in Pearl Delta River Region, China (/W020150403617844429268.pdf)	Ho, K.F., Ho, S.S.H., Cao, J.J., et al.	Atmospheric Chemistry and Physics	2011, 11, 2197–2208
10	Effect of isoprene emissions from major forests on ozone formation in the city of Shanghai, China (/W020150403617844451042.pdf)	Geng, F.H., Tie, X.X., Cao, J.J., et al.	Atmospheric Chemistry and Physics	2011, 11, 10449–10459
11	Molecular composition and size distribution of sugars, sugar-alcohols and carboxylic acids in airborne particles during a severe urban haze event caused by wheat straw burning (/W020150403637002522167.pdf)	Wang, G.H., Cheng, C.L., Li, J.J., et al.	Atmospheric Environment	2011, 45, 2473–2479
12	Characteristics of carbonate carbon in PM2.5 in a typical semi-arid area of Northeastern China (/W020150403637002549607.pdf)	Ho, K.F., Zhang, R.J., Cao, J.J., et al.	Atmospheric Environment	2011, 45, 6, 1268–1274
13	Unsuitability of using the DNPH-coated solid sorbent cartridge for determination of airborne unsaturated carbonyls (/W020150403637002579658.pdf)	Ho, S.S.H., Ho, K.F., Cao, J.J., et al.	Atmospheric Environment	2011, 45, 261–265
14	Stable carbon isotopes in aerosols from Chinese cities: Influence of fossil fuels (/W020150403637002607641.pdf)	Cao, J.J., Chow, J.C., Tao, J., et al.	Atmospheric Environment	2011, 45, 1359–1363
15	Chemical composition and size distribution of wintertime aerosols in the atmosphere of Mt. Hua in central China (/W020150403637002633816.pdf)	Li, J.J., Wang, G.H., Zhou, B.H., et al.	Atmospheric Environment	2011, 45, 1251–1258
16	Characterization of biogenic volatile organic compounds (BVOCs) in cleaning reagents and air fresheners in Hong Kong (/W020150403637002666420.pdf)	Huang, Y., Ho, S.S.H., Ho, K.F. et al.	Atmospheric Environment	2011, 45, 34, 6191–6196
17	Effect of real-time boundary wind conditions on the air flow and pollutant dispersion in an urban street canyon: Large eddy simulations (/W020150403637002685957.pdf)	Zhang, Y.W., Gu, Z.L., Lee, S.C., et al.	Atmospheric Environment	2011, 45, 20, 3352–3359
18	Precautions for In-injection Port Thermal Desorption-Gas Chromatography/Mass Spectrometry (TD-GC#MS) as Applied to Aerosol Filter Samples (/W020150403637002745863.pdf)	Ho, S.S.H., Chow, J.C., Watson, J.G., et al.	Atmospheric Environment	2011, 45, 7, 1491–1496
19	PM2.5 source profiles for black and organic carbon emission inventories (/W020150403637002763317.pdf)	Chow, J.C., Watson, J.G., Chen, L.W., et al.	Atmospheric Environment	2011, 45, 31, 5407–5414
20	Water-soluble ions in atmospheric aerosols measured in Xi'an, China: Seasonal variations and sources	Zhang, T., Cao, J.J., Tie, X.X., et al.	Atmospheric Research	2011, 102, 110–119
21	Effect of uneven building layout on air flow and pollutant dispersion in non-uniform street canyons (/W020150403637002811330.pdf)	Gu, Z.L., Zhang, Y.W., Cheng, Y., et al.	Building and Environment	2011, 46, 12, 2657–2665
22	Comparison of elemental carbon in lake sediments measured by three different methods and 150-year pollution history in Eastern China (/W020150403637002856327.pdf)	Han, Y.M., Cao, J.J., Yan, B.Z., et al.	Environmental Science & Technology	2011, 45, 5287–5293

23	Distribution and ecotoxicological significance of trace element contamination in a ~150 yr record of sediments in Lake Chaohu, Eastern China (/W020150403637002913611.pdf)	Han, Y.M., Cao, J.J., Kenn a, T.C., et al.	Journal of Environmental Monitoring	2011, 13, 743–752
24	Characteristics and health impacts of VOCs and carbonyls associated with residential cooking activities in Hong Kong (/W020150403637002940796.pdf)	Huang, Y., Ho, S. S. H., Ho, K. F., et al.	Journal of Hazardous Materials	2011, 186, 344–351
25	Physical parameters effect on ozone-initiated formation of indoor secondary organic aerosols with emissions from cleaning products (/W020150403637002961514.pdf)	Huang, Y., Ho, K.F., Ho, S. S.H., et al.	Journal of Hazardous Materials	2011, 192, 3, 1787–1794
26	Winter and summer characteristics of airborne particles inside Emperor Qin's Terra-Cotta Museum, China: A study by SEM-EDX (/W020150403637003033408.pdf)	Hu, T.F., Cao, J.J., Ho, K.F., et al.	Journal of the Air & Waste Management Association	2011, 61, 9, 914–922
27	Size-differentiated chemical characteristics of Asian paleo-dust: records from aeolian deposition on Chinese Loess Plateau (/W020150403637003196809.pdf)	Wu, F., Chow, J.C., Cao, J. J., et al.	Journal of the Air & Waste Management Association	2011, 61, 2, 180–189
28	Carbonaceous aerosol characteristics in outdoor and indoor environments of Nanchang, China, during summer 2009 (/W020150403637003229436.pdf)	Huang, H., Zou, C.W., Cao, J.J., et al.	Journal of the Air & Waste Management Association	2011, 61, 11, 1262–1272
29	Chemical composition of PM10 and PM2.5 collected at ground level and 100-m during a strong winter-time pollution episode in Xi'an, China (/W020150403637003318290.pdf)	Shen, Z.X., Cao, J.J., Liu, S.X., et al.	Journal of the Air & Waste Management Association	2011, 61, 11, 1150–1159
30	A Special Issue of JA&WMA on Papers from the "Leapfrogging Opportunities for Air Quality Improvement Conference" Introduction (/W020150403637003349736.pdf)	Cao, J.J., Watson, J.G., Chow, J.C. et al.	Journal of the Air & Waste Management Association	2011, 61, 1091–1092
31	Characteristics and source apportionment of PM1 emissions at a roadside station (/W020150403637003355805.pdf)	Cheng, Y., Zou, S.C., Han, Y.M., et al.	Journal of Hazardous Materials	2011, 195, 82–91
32	Comparison of four scanning mobility particle sizers at the Fresno Supersite (/W020150403637003380894.pdf)	Watson, J.G., Chow, J.C., S odeman, D.A., et al.	Particuology	2011, 9, 3, 204–209
33	Selected water-soluble organic compounds found in size-resolved aerosols collected from urban, mountain and marine atmospheres over East Asia (/W020150403637003416645.pdf)	Wang, G.H., Kawamura, K., Cao, J.J., et al.	Tellus B-chemical and physical meteorology	2011, 63B, 371–381