



清华大学环境学院  
SCHOOL OF ENVIRONMENT, TSINGHUA UNIVERSITY

# 信息简报

【2017】第 5 期 （总第 103 期）

清华大学环境学院编

2017年 6 月



6 30

205

30

6 27

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6 30

8

10  
10

50%

20  
60

2

6 29

2017

230





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GEP2013

2013 18 /

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18

2015

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6 28 21

863

2013AA06A207

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Conference on Instrument, Control and Automation

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2021

2005

1973

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13 IWA

IWA

	IWA	IWA	ICA
			/
6	25-29		650
	6	500	
			100
2019			
	/		
6	23		2015
	2016		
		17	20
			4
104			2008
			/
➤			
6	28		Franz Xaver Perrez
		96	
			20

Perrez



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6 2

348

From Concept to Proof

Jaehong Kim

Toward Self-healing Membranes:

20

Jaehong Kim

Jaehong Kim

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6 2

349

mixing state and its role in aerosol-climate interactions

15

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Black carbon

WRF/Chem UCD/CIT

SOWC Source-oriented

WRF/Chem

CO<sub>2</sub>

1%

SOWC

BrC

/



6 7 /  
350  
SNA Dust Radiative Effect on Atmospheric Thermodynamics and Tropical Cyclogenesis  
& Simulations of Sulfate-Nitrate-Ammonium (SNA) aerosols during the continuous extreme hazes over  
China 10  
(Saharan Air Layer, SAL) SAL  
SAL  
SAL GSI (Gridpoint Statistical Interpolation) GPCART (Goddard  
Chemistry Aerosol Radiation and Transport) WRF/Chem (Weather Research and  
Forecasting/Chemistry)

- /  
➤  
6 12 Donald Huisingh 351  
A Brief  
History of Cleaner Production: How will CP help us to meet the Challenges of Governments, Businesses,  
Universities, and Societies in the Context of Climate Changes?  
20  
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1983 50  
1987  
Huisingh

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➤  
6 8

	/				
➤	6	12		Dean of VIU	Carlo Giupponi
			2030		
					50
	2015		17	Giupponi	
				Giupponi	
			WEF Index		2 6
7					Giupponi
			(MCA)		
			/		
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					20
					OC EC /
					Water-Soluble Organic Compounds
				AMS	
			PMF		Willy Maenhaut
					CMB
			PMF	Willy Maenhaut	Flanders
			PM10		
			PM10	10%	/
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					Biogenic Atmospheric Aerosols from Isoprene and Monoterpenes
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				Magda Claeys	BVOCs
					BVOCs
					SOA
				Magda Claeys	-
					SOA OH
					NO3

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		GC-MS	LC-MS
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		CO2	Converting Carbon Dioxide through Thermcatalysis and
		Electrocatalysis	
		30	
		CO2	CO2
		CO2	CO2
		CO	CO2
		CO2	CO2
		DFT(Density Functional Theory)	
6	26		
		358	The Impact of Lighting-induced NO <sub>x</sub> on Air
		Quality	20
		NO <sub>x</sub>	
		O <sub>3</sub>	O <sub>3</sub>
		50%	
		WRF3.8	CMAQ5.2beta
		O <sub>3</sub>	O <sub>3</sub>

O<sub>3</sub> O<sub>3</sub> O<sub>3</sub> NO<sub>x</sub>  
O<sub>3</sub> NO<sub>x</sub> O<sub>3</sub> NO<sub>x</sub> 20  
ppb O<sub>3</sub> /  
➤  
6 \_ 26 \_\_\_\_\_ Aaron Doston  
359 / Improving Small Systems:  
Development of UV/Ceramic Membrane & Household Water Reuse  
20  
Doston /  
TiO<sub>2</sub> Doston  
Doston



Vattani

Vattani

Carlo Giupponi

2030

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17

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6 29  
205

2017

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6 9

100



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2015

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010-62785687

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