

信息简报

【2019】第 3 期 (总第 121 期)

清华大学环境学院编

2019年04月

1. 108
- 2.
- 3.
- 4.
- 5.
6. 2018
- 7.
- 8.

1965 60 108



4 28 1965
311 60
10

1928

182 80
62 " 2
4 " "
" "

80

1965

60

/

1960

59

4 28

1960

117

59

1960

12

59



QS

24

13

01

59

02

"

"

1969 50



4 28

1969 50

4 90 30 80

2

19

1969 50

1959 60

4 28

60

108

60

16



60

50

68

16

U

/

4 27

108

10:00



—

108

108

1964

108

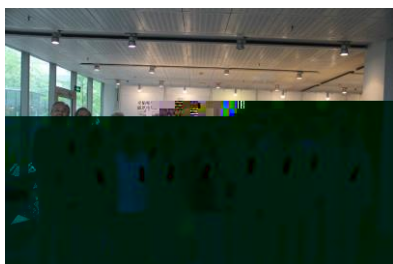
1964

"

"

"

"



2019

/

4 28

50



20

/

"

"

"

"

2014



4

/

4 19

50

"

"

"

"

/

4 23-25



23

25

/

" Biomass Integrated Disposal Technology of Fine Control Aerobic Treatment and Comprehensive Deep Utilization 47

- - / - -

47

2019 4 10~14
1973

WIPO

" "

/

(International Water Association, IWA) IWA
(Management Committee of Disinfection Specialist Group) 9

IWA

International Water Association, IWA

130

				7000
300		Board of Directors		Governing Member
Assembly		Strategic Council	IWA Secretariat	
	50	Specialist Group	3	Cluster 8
Task Group		Young Water Professional		Fellow
International Water Regulators				
		IWA	1700	
IWA				6
Sustainable Development Goal 6: Clean Water and Sanitation				
1		2		3
	4	5		2
		2018 5 14 18		
2018 IWA Disinfection & Disinfection By-Products conference				

		Accounts of Chemical Research	Water Research
Environmental Science & Technology	Journal of Hazardous Materials		SCI 60
	40	15	IWA IWA
		2017 595	2017 Gordon DBP
conference 2018	IWA Disinfection & Disinfection By-Products conference		



2018

4 3

2018

60

14

2018

" "

/

2019 4 27 -28

Aerodyne

/

" " Gasification of coal and biomass:
a net carbon-negative power source for environment-friendly electricity generation in China DOI:
10.1073/pnas.1812239116 4 8 Proceedings of the National
Academy of Sciences
2015 2

Aspen Plus
Coal/biomass
co-gasification with carbon capture and storage, CBECCS
35% CBECCS
0.6 / CBECCS 25%
18.1% 8.8 CO2
SO2 NOx PM2.5 5.2% 3.6% 12.2% 3.8%
CBECCS

CBECCS

Michael B. McElroy

Chris Nielsen

2016YFC0208901

71690244

71722003

" 2030/2050

"

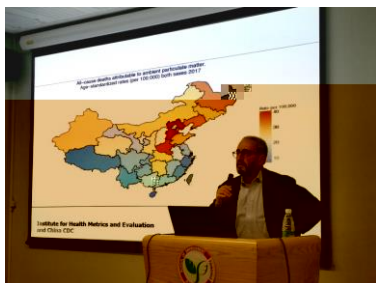
111

GBD 2017

4 10

In-Sik Nam

413



APCATB

SCR

NOx

Progress and Challenges in Urea/SCR

Technology for removing NOx from Diesel Engine 4 8

Health Effects Institute, HEI /

Aaron J Cohen 111

GBD 2017

The Burden of Disease Due to

Air Pollution: Global and Chinese estimates from the GBD 2017 Project

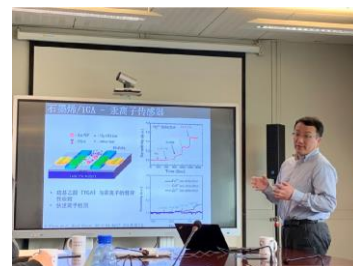
50

Cohen GBD Project 1970-2017
Life Expectancy 2017
DALYs 2017 80%

Cohen
PM2.5 - GBD 2017
PM2.5
PM2.5
Cohen

Aaron J Cohen HEI HEI GBD
2016 HEI
/ 484
4 11 484

FET Chemical Sensor
20



H-index 42 Chem. Soc. Rev. EES AM ACS Nano
2018 " " - Highly
Cited Researchers 2018, Clarivate Analytics /
482
4 12
482 Smart Management of Traffic
Emissions and Urban Air Quality in the Big Data Era
40

" " " "

PEMS

OBD

OBD

SCI 40

Nature

	Science	ES&T
4 18 / 486		486
	30	
		-
4 26 / 488	SCI 60	4
		488
	Nanocatalysts for Carbon-Neutral Chemical Process	
	40	
Sydney Nano Institute		The University of
	- Si-Al	
	- Ni-Fe	

Zn/H-ZSM-5

SOAR fellowship

/



4 15 4 24

" — "

5

"

"

"

"

()

" 2025 "

/

" "

4 22 "

"

119

20

An Inconvenient Truth

50

"

"

"

"

/

010-62771528

010-62785687

soexc@tsinghua.edu.cn

<http://www.env.tsinghua.edu.cn>