2016

-

7

/

10

/

11 4 2016

260

ABET

/ /

11 5 -6

2016

600

8

10 80

2006

11

/ /

11 23 2017

2016 2017

2017

2014 2017

12

/

11 24

/

11 17-19

20

POPs 40

POPs 23 21

POPs POPs

POPs

POPs

POPs 2001

172

POPs

2007

POPs

POPs /

➢

11 18 Roy Harrison 90

(SVOCs) Recent Advances in Characterisation and Reactivity of Semi-Volatile Organic Air Pollutants

50

Harrison

GC GC-ToF-MS

SVOCs Harrison

PAH

PAH PAH

PMF PAH ANT

PYR B(a)A Harrison FLT/PYR PHE/B(a)P

OH NO3 B(a)P OH

Roy Harrison

Roy Harrison SCI 600 H

73 20451 /

➢

11 16

Michael R. Hoffmann

91 40

60

Hoffmann 41

Hoffmann

1982 Hoffmann Science

pH 1.5

1986 Science

Hoffmann

SCI 500 Web of Science

50000 16600 H 99 Hoffmann

Caltech

Hoffmann 40

5 /

➢

11 01 316

Design and evaluation of metallic gasoline particulate filter for GDI engine PM after-treatment

20

/

➢

11 04 Woodrow Wilson

Denise L. Mauzerall 317

Air Pollution and Climate Implications of China's Energy and Agricultural Future

60

Mauzerall

Mauzerall

Mauzerall MEIC

/

➢

11 18 Arnold Tukker

318

Circular economy: some (in)convenient truths

30

Arnold Tukker /

GDP

Tukker Input-Output Analysis

EXIOBASE

Tukker

Tukker

System Technology Value chain Governance

/ /

➢

11 17

319

Optimal Solar Subsidy Policy and Incentive Pass-through Evaluation: Using US California as an Example

30

CSI 2 CSI

99% CSI

/

➢

11 29 Guillermo San Miguel 320

Sustainability Analysis of Concentrating Solar Power Technology

20

Guillermo San Miguel

CALCAS

Social Hotspot Database San Miguel

San Miguel attributional LCA consequential LCA

/

11 5

1-9

/

2016 187 2000

10 /

11 21-25 2016 2

17

/

11 10

/

11 18 Leiden University Arnold Tukker

Ingrid d Hooghe

2017

L~pen-Uspden-Usn-Us

Tukker

SCI Chemosphere Comparison of sand-based water filters for point-of-use arsenic removal in China 5

5

Kate Smith

RISE Tsinghua 2011

136 /

11 17 -24

5 15

2

17-23 50

24 A102

3 15 15

/

11 14

4

CODcr 35 / 3 / DO

4 / 75%

010-62771528 soexc@tsinghua.edu.cn
010-62785687 http://www.env.tsinghua.edu.cn