

(CSC)

(UoL)

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(2019)

CSC UoL

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6800

(MF) <https://www.liverpool.ac.uk/materials-innovation-factory/>

UoL MF

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MF

MF Andrew Cooper

(<https://www.liverpool.ac.uk/cooper-group/>)

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2016

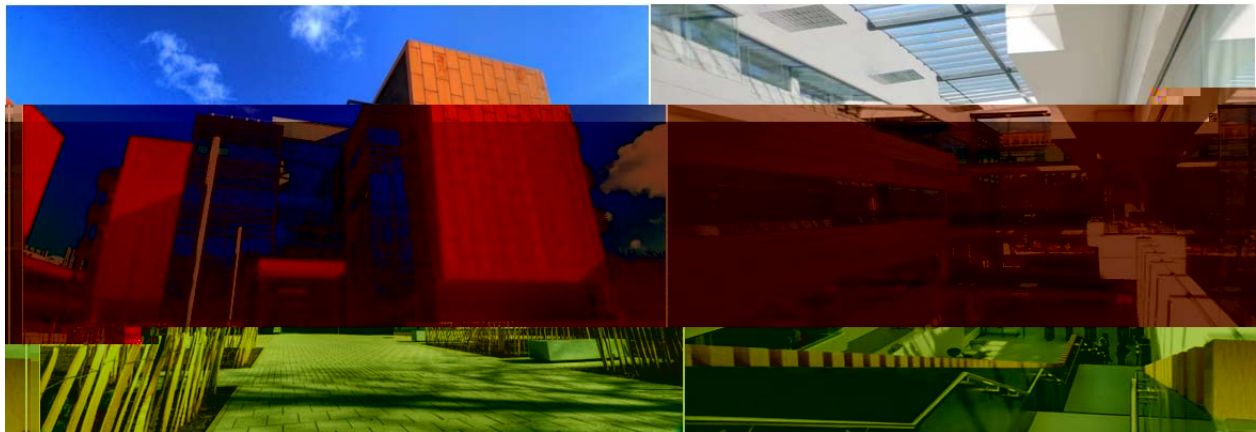
CSC

Nature

Chem

2017

CSC



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2019

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Mobile Robots for Synthesis /

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Mobile Robots

for Materials Discovery /

3

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Artificial

Intelligence for Mobile Robots /

4

Photo-

organocatalysis /

5

Computational chemistry /

6

X

Powder X-ray diffraction /

7

Flow chemistry /

8

3D

3D Printing of Functional Materials /

9

Porous liquids /

10

/

Novel Porous

Materials for Water Capture /

11

/

Hierarchical Electrospun Polymers and Composite Nanostructures for Enhanced

Photocatalysis /

12

New Electrolytes and

Electrodes for Solid State Batteries /

13

New

Porous Materials for Bio-inspired Catalysis /

14

Layer-by-layer Growth of Ion Transporting Interface /

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(6) “ CSC ”
“ CSC ” <http://apply.csc.edu.cn/> CSC

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/ 1 / Mobile Robots for Synthesis ; or 9)

Porous liquids

(3) UoL/MF 3 1 UoL/MF CSC

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<http://apply.csc.edu.cn> CSC “ CSC
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Dr. Xiaofeng Wu

Email: cscfse@liverpool.ac.uk,

xfwu@liverpool.ac.uk

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Materials Innovation Factory,

MF

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7200

Andy Cooper

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250

<http://news.liv.ac.uk/2014/06/23/65-million-research-facility-to-open-in-liverpool/>

8 2 Leverhulne

2015

Leverhulne

Andy Cooper

1000

Leverhulne

Cooper

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8.3 Andy Cooper

Prof. Andy Cooper 1994

1999

“ ” University

Research Fellowship

2015

(FRS)

2015

2017

2006

Centre for Materials Discovery,

CMD

6500

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Leverhulme

Nature

Nature

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Science 3

Angewandte Chem 27

JACS 35

Advanced Materials 31

300

2007

Conjugated Microporous Polymers

CMP

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Cooper

2008

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Porous Organic Cages

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2010 Macro Group

Medal (Prize, MacroGroup UK 2012) Royal Society Wolfson

Research Merit Award (Royal Society 2009) 2009 Corday

Morgan Prize (Prize, Royal Society of Chemistry 2009)

McBain Medal (SCI /RSC 2007)

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1947

2014

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REF

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IELTS

All PGT programmes unless otherwise specified below: 6.5 overall with a minimum of 5.5 in each component.

All PGT programmes unless otherwise specified below: 6.5 with minimum 5.5 in each component

88

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TOEFL iBT***

88 with minimum band scores for Listening 21, Writing 21, Reading 22, Speaking 23

88 with minimum band scores of Listening 21, Writing 21, Reading 22, Speaking 23