



# 科技简报

【2016】第6期(总第220期)

上海理工大学科技处

2016年10月10日

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2016 9

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2016

Scientific Reports

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## 【科技数据统计】

截止 2016 年 9 月底各学院（部）科研到款与去年同期比较

	2015	2015	2015	2016	2016	2016
	2438	770	<b>3208</b>	2983	551	<b>3534</b>
	787	1308	<b>2095</b>	748	1122	<b>1870</b>
	532	503	<b>1035</b>	644	548	<b>1192</b>
	545	378	<b>923</b>	432	462	<b>894</b>
	369	518	<b>887</b>	402	275	<b>677</b>
	616	276	<b>892</b>	533	136	<b>669</b>
	318	560	<b>878</b>	265	252	<b>517</b>
	179	154	<b>333</b>	180	133	<b>313</b>
	354	1	<b>355</b>	254	12	<b>266</b>
	65	40	<b>105</b>	6	48	<b>54</b>
	57	5	<b>62</b>	45	8	<b>53</b>
	72	0	<b>72</b>	9	12	<b>21</b>
	35	70	<b>105</b>	93	166	<b>259</b>
	<b>6367</b>	<b>4583</b>	<b>10950</b>	<b>6594</b>	<b>3725</b>	<b>10319</b>

**【科技管理】**

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2016

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## 【科技人才】

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## 【科技交流】

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201

LIGO

SHIGO

CHIGO

3rdLIGO







## 【院系风采】

9 22 24 2016

160

- - - - -  
1675 mAh/g

2600 Wh/kg

360 Wh/kg 7



(1)

(2)  $\text{Li}_2\text{S}_x, 4 \leq x \leq 8$

(3)

(4)

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In-situ sulfur  
reduction and intercalation of graphite oxides for Li-S battery cathodes High  
performance C/S composite cathodes with conventional carbonate-based electrolytes  
in Li-S battery 15.23 Advanced Energy  
Materials DOI: 10.1002/aenm.201400482 Nature  
Scientific Reports DOI: 10.1038/srep04842

/ /

- -

Copper-stabilized sulfur-microporous  
carbon cathodes for Li-S batteries 11.382

Advanced Functional Materials DOI: 10.1002/adfm.201304156

Advanced Energy Materials DOI:

10.1002/aenm.201400226

Nano-copper-assisted immobilizing sulfur in high-surface-area mesoporous carbon cathodes for room temperature Na-S batteries

50 % /

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SAFT

In-situ formed lithium

sulfide/microporous carbon cathodes for lithium-ion batteries

13.334

ACS

ACS Nano

DOI: 10.1021/nm404601h

6

2

ACS

ACS Nano

Advanced Energy Materials

ACS

ACS Applied Materials & Interfaces

2

500

88

9 22-24

2016

2010

30

1000

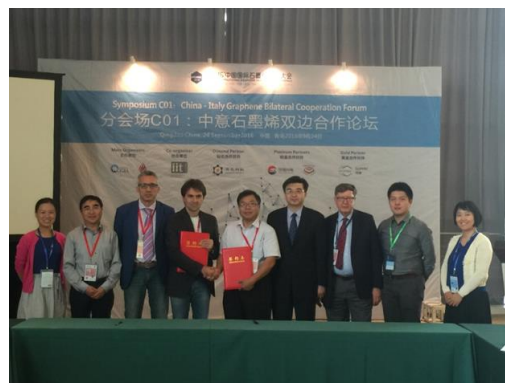
40

29

10

7

Plinio Innocenzi



Nature Publishing Group

Scientific

Reports

Surfactant-assisted nanocasting route for synthesis of

highly ordered mesoporous graphitic carbon and its application in CO<sub>2</sub> adsorption ,

Yangang Wang, Xia Bai, Fei Wang, Hengfei Qin, Chaochuan Yin, Shifei Kang, Xi Li,

YuanhuiZuo, LifengCui, 6: 26673( 2016)

CO2

CO2

CO2

ACS Applied Materials & Interfaces

7.145

### 【军工科研工作】

9 26 -27

70

119

11



**【科技热点】**

**2016 9**

2016

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**2016 8**

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6

15

15

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762

196

20

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20

**2016 7**

DARPA

2030 15

2016

8

150

2001-2016

**2016 6**

50

5

23

118

32

PPT

4.0

**2016 5**

6

4.0

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**2016 4**

CEO

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**2016 3**

60

2016

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2016

2016

2016

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**2016 2**

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2016

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2016

**2016 1**

(973) : 173 , 17

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2015

2016

2016 20

