

1

65
7 3

2015 6 28

/

30

1/3

1

2

(3
)

4
60

7

30

3

4

5

30

NSFC

6

7

8

7

-

-

1

‰

‰

‰

E-mail

2

3

4

5

6

7

1

2 A4

3

1.5cm;

‰

‰

‰

‰

‰

1

2

3

4

2014 11 10

zhu@sinogermanscience.org.cn

CD

2015