
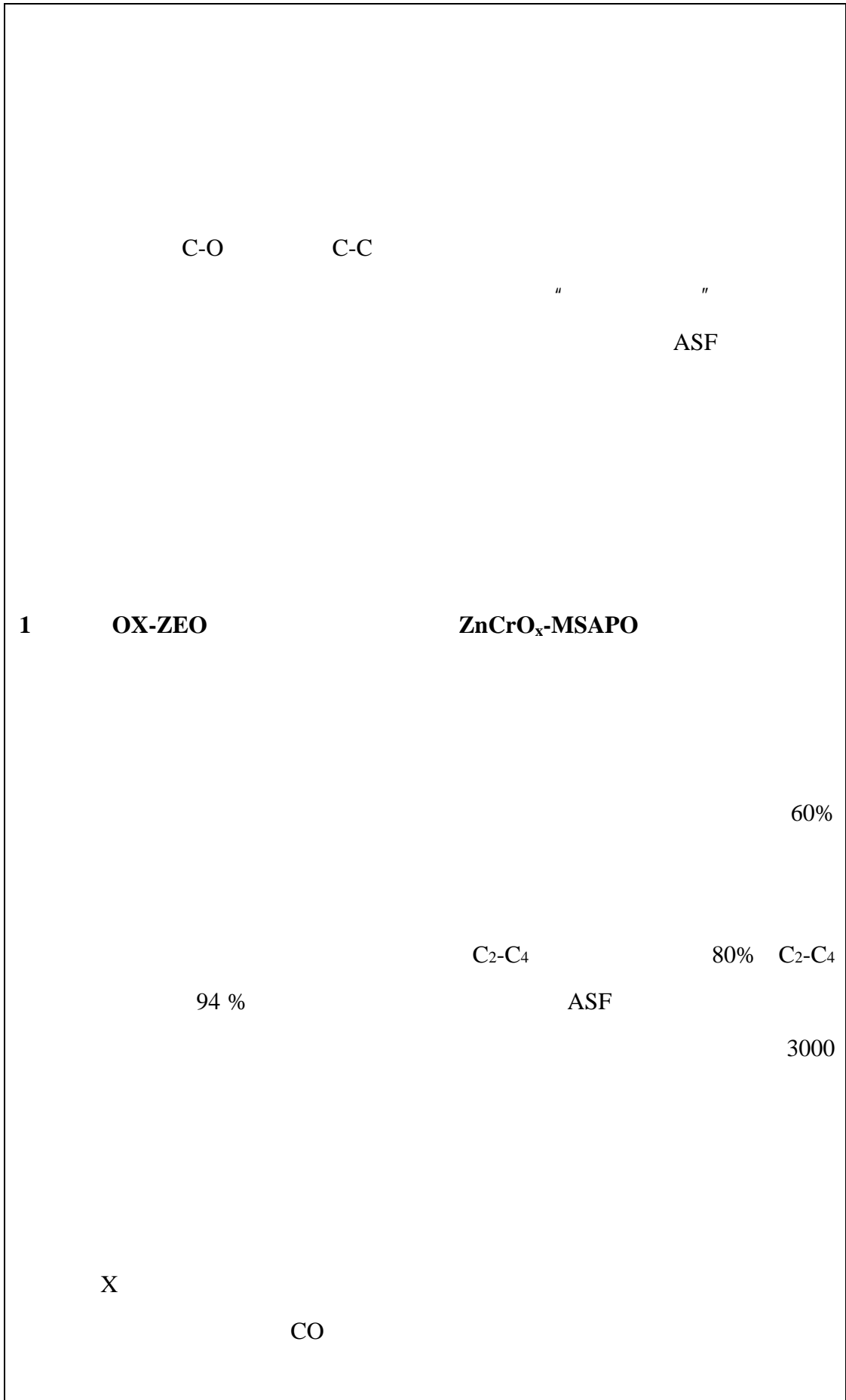


					1990.12	
				/		
	13842892801 jiaofeng@dicp.ac.cn					
<b>2013</b>	<b>9</b>	<b>-2018</b>	<b>5</b>			
<b>2009</b>	<b>9</b>	<b>-2013</b>	<b>6</b>			
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OX-ZEO C-O  
 C-C  
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 201810079249.4 201810079238.6 PCT PCT/CN2015/092091  
 PCT/CN2017/114446

2 OX-ZEO ZnCrO<sub>x</sub>-MOR  
 2  
 ASF C<sub>2</sub> C<sub>2</sub>  
 30% 30%  
 OX-ZEO  
 ZnCrO<sub>x</sub>-MOR CO 5 %  
 83 % 92 %  
 CO 26 % 73 %  
 <30% MTO  
 60 % B

C-C

MOR 8

B

MOR

B OX-ZEO

Hot paper

*Angewandte Chemie-International Edition*, 2018, 57(17): 4692-4696.

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201810149622.9 PCT PCT/CN2017/115389 PCT/CN2017/115576

PCT/CN2017/115536

### 3 OX-ZEO

OX-ZEO

ZnMnO<sub>x</sub>

ZnCrO<sub>x</sub>

SAPO-11

ZnCrO<sub>x</sub>-cSAPO-11

CO

36 %

C<sub>5-12</sub>

77 %

3 %

ZnMnO<sub>x</sub>

ZnO

MnO<sub>x</sub>

CO

C<sub>5-12</sub>

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“ ”

201610609012.3 201610727837.5 201710408016.X 201710407761.2

201710407762.7

ZnCrO<sub>x</sub> ZSM 5

*Chemical Communication*, 2017, 53(81): 11146-11149.

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OX-ZEO

C-O

C-C

ASF

4

OX-ZEO

OX-ZEO

1.

2.

[1] **Feng Jiao**<sup>†</sup>, Jinjing Li<sup>†</sup>, Xiulian Pan<sup>†\*</sup> Jianping Xiao, Haobo Li, Hao Ma, Mingming Wei, Yang Pan, Zhongyue Zhou, Mingrun Li, Shu Miao, Jian Li, Yifeng Zhu, Dong Xiao, Ting He, Junhao Yang, Fei Qi, Qiang Fu, Xinhe Bao\* Selective conversion of syngas to light olefins *Science*, 2016, 351(6227) 1065-1068.

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1.

320

2.

360

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” 201610397763.3

[5] Xiulian Pan, Junhao Yang, **Feng Jiao**, Yifeng Zhu, Xinhe Bao, “  
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” 201610609012.3

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” 201610727837.5

[9] \_\_\_\_\_ “  
” 201611101851.0



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” 201611114842.5
- [11] \_\_\_\_\_ “  
“ 201710129643.X
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201710129620.9
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” 201710382261.8
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” 201710382250.X
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	”		CN201810079249.4
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[26]	_____	“	
	”		CN201810081280.1
[27]	_____	“	
	”		CN201810079238.6
[28]	_____	“	LF B
	”		CN201810081164.X
[29]	_____	“	
	”		CN201810079670.5
[30]	_____	“	MOR12 AI
		”	201810149622.9

2017

2017

2016

2016 DNL-Topsoe

2016 -BHPB

2016