

化学学院通讯

ChemComm

113

2020 7

*2020 1 2

BMS Junior Fellow

A204

10

*

2 14

2020

100

*2020 5 31

2020

BMS Junior Fellow

A204/A205

*6 30

2020

A204

*2020 1 8

2019

A205

50

*2020 1 10-11

2019

2019

,

2020

*2020 6 30

99

A205

*2020 2 27

2019

/

“

”

*2020 5 14

CAPA

2020

OKeanos-CAPA

OKeanos-CAPA Young Investigator Award at the Chemical and Biology

interface

*

-

ent-kaurane

-

ent-kaurane

Yu-[3+2+1]

6/6/6

(cycloalkenylation)

[3.2.1]

“ Protecting-Group-Free Syntheses of

ent-Kaurane Diterpenoids:[3+2+1] Cycloaddition/Cycloalkenylation Approach ”

Journal of

American Chemical Society

*

C

$\partial \hat{A}$

J•

Yao Lei Kang Jonathan L. Sessler* Jun-Long Zhang*, J. Am. Chem. Soc. 2020, 142, 6761-6768

* / « » Nan Li, Botao Wu, Chao Yu, Wen-Xiong Zhang*, and Zhenfeng Xi*, Angew. Chem. Int. Ed., <https://doi.org/10.1002/anie.201916651>

“ Trishomoaromatic (B3N3Ph6)-Dianion: Characterization and Two-Electron Reduction ”

-

[B3N3Ph6]2-

* Nature Chemistry “ FAD-dependent enzyme-catalysed intermolecular [4+2] cycloaddition in natural product biosynthesis ”

Diels-Alder

“ Diels-Alder ”

* 1- -2- Cope [1,2]-

3 1- -2-

Cope C D

Gibbs 1.5 kcal/mol

* “ A Clickable

APEX Probe for Proximity-Dependent Proteomic Profiling in Yeast ”

Alk-Ph

* Clémence Corminboeuf

TPE AIE this work

brings further convincing arguments in the long-standing debate about AIE mechanism in TPEs

* Journal of American Chemical Society “ Chemoproteomic profiling of itaconation by bioorthogonal probes in inflammatory macrophages ”

* Jonathan

Sessler

“ ” Yingying Ning Yan

Huo Haozong Xue Yujing Du Yuhang Yao Adam C. Sedgwick Hengyu Lin Cuicui Li Shang-Da Jiang Bing-Wu Wang Song Gao Lei Kang* Jonathan L. Sessler* and Jun-Long Zhang* J. Am. Chem. Soc., 2020, 142, 10219 – 10227.

“ Tri-Manganese(III) Salen-Based Cryptands: A Metal Cooperative Antioxidant Strategy that Overcomes Ischemic Stroke Damage In Vivo ”

*

* /

CCS Chem. 2020, 2,

620-630; J. Am. Chem. Soc. 2019, 141, 4928-4935

*2020

3

1 8
1 9
1 11
1 13
1 28
3 12

4 2
4 9
4 22
4 30
5 1

5 3

UPS

UPS

5 20
5 28
5 29
6 13
6 16
6 22

: