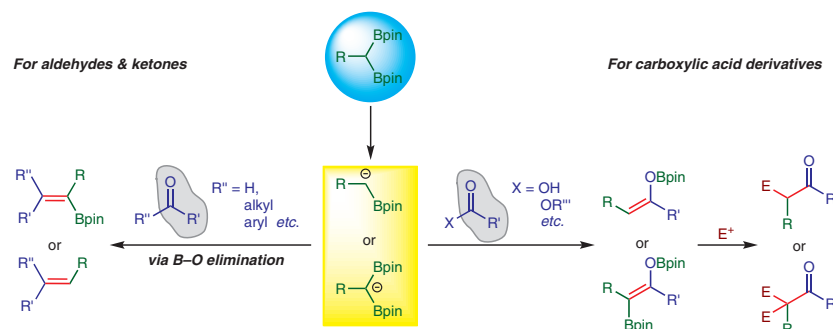


Synlett 2019, 30, 1105–1110  
DOI: 10.1055/s-0037-1611728

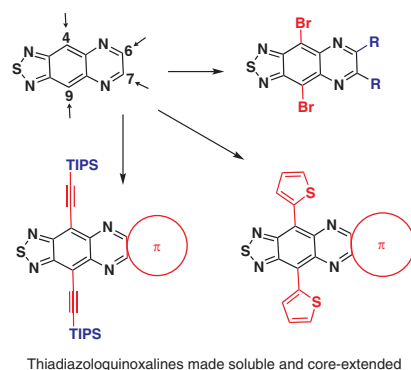
Y. Hu  
W. Sun  
C. Liu\*

Lanzhou Institute of Chemical  
Physics, P. R. of China



Synlett 2019, 30, 1111–1124  
DOI: 10.1055/s-0037-1611739

B.-L. Hu  
M. Baumgarten\*  
Max Planck Institute for Polymer  
Research, Germany



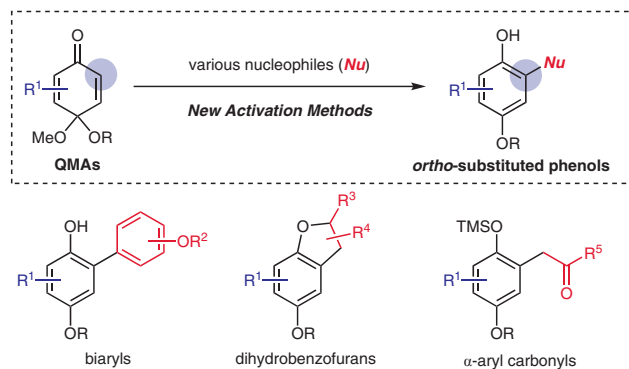
Synlett

Synlett 2019, 30, 1125–1143  
DOI: 10.1055/s-0037-1611735T. Kamitanaka  
K. Morimoto  
T. Dohi  
Y. Kita\*  
Ritsumeikan University, Japan

## Controlled-Coupling of Quinone Monoacetals by New Activation Methods: Regioselective Synthesis of Phenol-Derived Compounds

Account

1125



Synlett

Synlett 2019, 30, 1144–1146  
DOI: 10.1055/s-0039-1690094

## Cluster Cover Page

Cluster

1144



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Synlett 2019, 30, 1147–1148  
DOI: 10.1055/s-0039-1689970Y. Kawamata  
P. S. Baran\*  
The Scripps Research Institute,  
USA

## Cluster Preface: Electrochemical Synthesis and Catalysis

Cluster

1147



Synlett

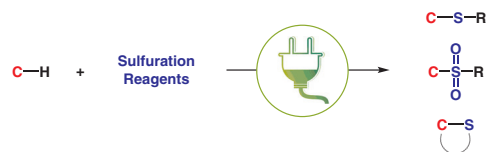
Synlett 2019, 30, 1149–1163  
DOI: 10.1055/s-0037-1611753C. Song  
K. Liu  
X. Dong  
C.-W. Chiang\*  
A. Lei\*

Wuhan University, P. R. of China

## Recent Advances in Electrochemical Oxidative Cross-Coupling for the Construction of C–S Bonds

Cluster

1149



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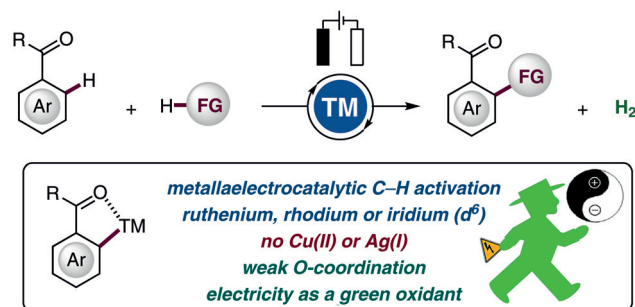
Synlett 2019, 30, 1164–1173  
DOI: 10.1055/s-0037-1611568Y. Qiu  
J. Struwe  
L. Ackermann\*

Georg-August-Universität Göttingen, Germany

## Metallaelectro-Catalyzed C–H Activation by Weak Coordination

Cluster

1174

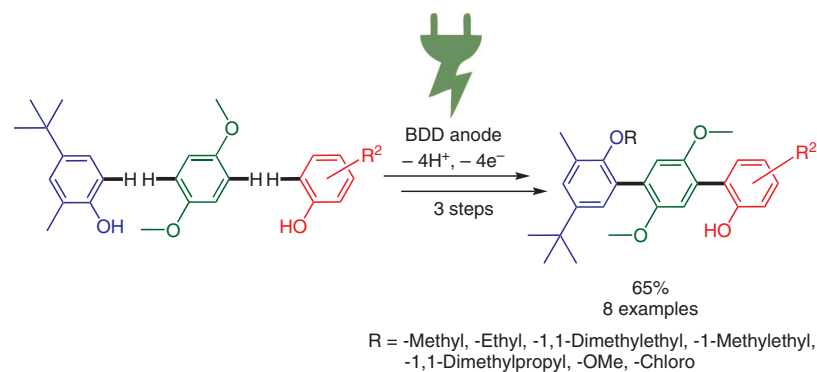


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Synlett 2019, 30, 1174–1177  
DOI: 10.1055/s-0037-1611942S. Lips  
R. Franke  
S. R. Waldvogel\*  
Johannes Gutenberg University  
Mainz, GermanyElectrochemical Synthesis of 2-Hydroxy-*para*-terphenyls by Dehydrogenative Anodic C–C Cross-Coupling Reaction

Cluster

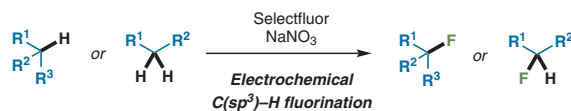
1174



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Electrochemical C(sp<sup>3</sup>)-H Fluorination

Cluster

Synlett 2019, 30, 1178–1182  
DOI: 10.1055/s-0037-1611737Y. Takahira  
M. Chen  
Y. Kawamata  
P. Mykhailiuk  
H. Nakamura  
B. K. Peters  
S. H. Reisberg  
C. Li  
L. Chen  
T. Hoshikawa  
T. Shibuguchi  
P. S. Baran\*The Scripps Research Institute,  
United States

- >20 examples
- unactivated
- 2° & 3° C(sp<sup>3</sup>)-H
- mild conditions
- scalable
- comparison with lit. methods

1178

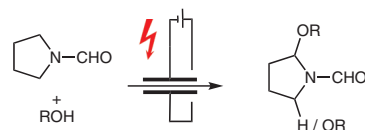
Synlett

## Efficient Flow Electrochemical Alkoxylation of Pyrrolidine-1-carbaldehyde

Cluster

Synlett 2019, 30, 1183–1186  
DOI: 10.1055/s-0037-1611774N. Amri  
R. A. Skilton  
D. Guthrie  
T. Wirth\*

Cardiff University, UK



- 6 examples  
 ≤ 94% conversion to monoalkoxy product  
 ≤ 83% conversion to dialkoxy product

1183

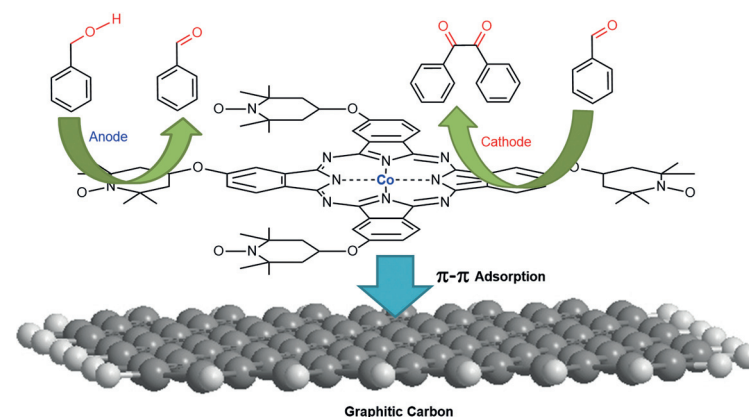
Synlett

## Phthalocyanines as a π-π Adsorption Strategy to Immobilize Catalyst on Carbon for Electrochemical Synthesis

Cluster

Synlett 2019, 30, 1187–1193  
DOI: 10.1055/s-0037-1611792K. J. Klunder  
A. C. Cass  
S. L. Anderson  
S. D. Minteer\*

University of Utah, USA



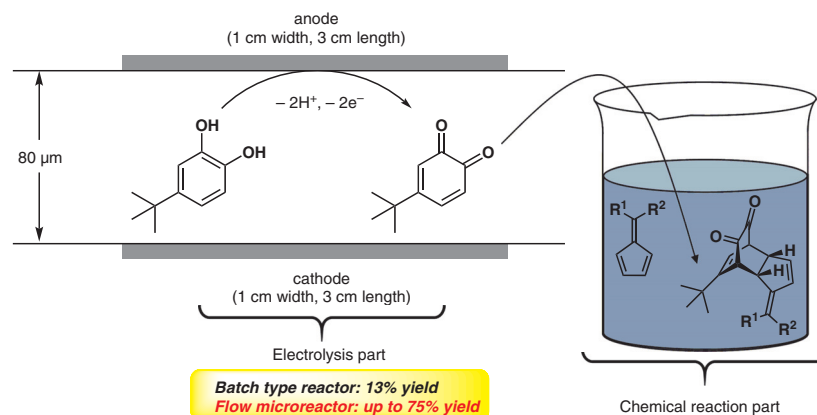
1187

Synlett

Synlett 2019, 30, 1194–1198  
DOI: 10.1055/s-0037-1611725K. Tanaka  
H. Yoshizawa  
M. Atobe\*Yokohama National University,  
JapanA Flow Microreactor Approach to a Highly Efficient Diels–Alder Reaction with an Electrogenerated *o*-Quinone

Cluster

1194



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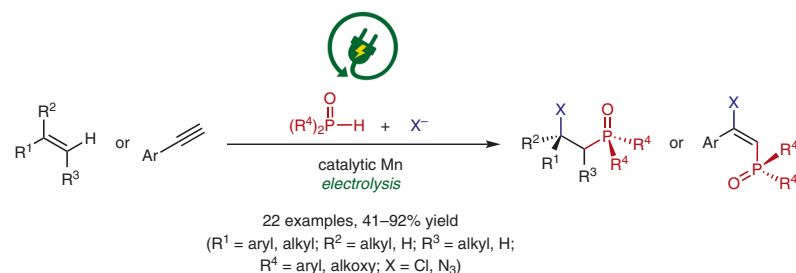
Synlett 2019, 30, 1199–1203  
DOI: 10.1055/s-0039-1689934L. Lu  
N. Fu  
S. Lin\*

Cornell University, USA

## Three-Component Chlorophosphylation of Alkenes via Anodically Coupled Electrolysis

Cluster

1199



Synlett

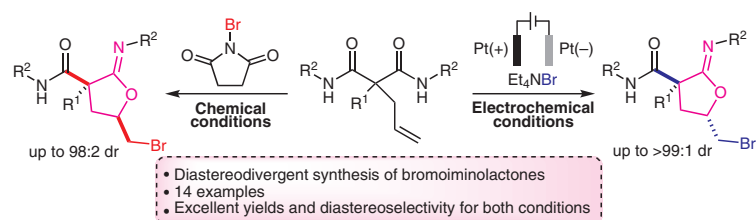
Synlett 2019, 30, 1204–1208  
DOI: 10.1055/s-0037-1611791K. Yamamoto  
K. Ishimaru  
S. Mizuta  
D. Minato  
M. Kuriyama  
O. Onomura\*

Nagasaki University, Japan

Diastereodivergent Synthesis of Bromoiminolactones: Electrochemical and Chemical Bromoiminolactonization of  $\alpha$ -Allylmalonamides

Cluster

1204



Synlett

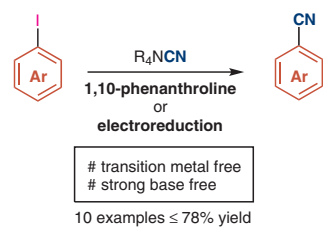
Synlett 2019, 30, 1209–1214  
DOI: 10.1055/s-0037-1611793K. Mitsudo\*  
K. Yoshioka  
T. Hirata  
H. Mandai  
K. Midorikawa  
S. Suga\*

Okayama University, Japan

## 1,10-Phenanthroline- or Electron-Promoted Cyanation of Aryl Iodides

Cluster

1209



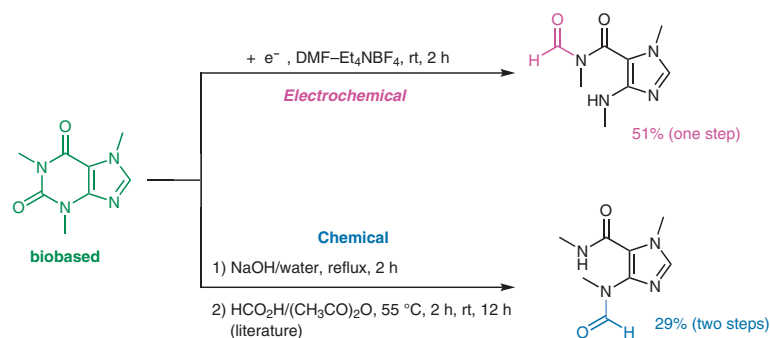
Synlett

Synlett 2019, 30, 1215–1218  
DOI: 10.1055/s-0037-1611483F. Pandolfi  
I. Chiarotto  
L. Mattiello  
D. Rocco  
M. Feroci\*  
Sapienza University, Italy

## Cathodic Reduction of Caffeine: Synthesis of an Amino-Functionalized Imidazole from a Biobased Reagent

Cluster

1215



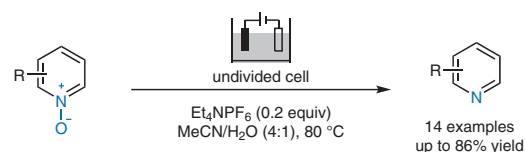
Synlett

Synlett 2019, 30, 1219–1221  
DOI: 10.1055/s-0037-1611541P. Xu  
H.-C. Xu\*  
Xiamen University, P. R. of China

## Electrochemical Deoxygenation of N-Heteroaromatic N-Oxides

Cluster

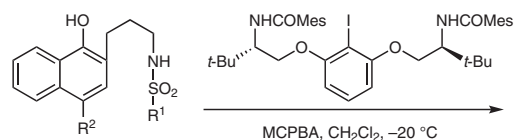
1219



**N. Jain**  
**J. E. Hein\***  
**M. A. Ciufolini\***  
The University of British Columbia, Canada

Oxidative Cyclization of Naphtholic Sulfonamides Mediated by a Chiral Hypervalent Iodine Reagent: Asymmetric Synthesis versus Resolution

Letter  
1222



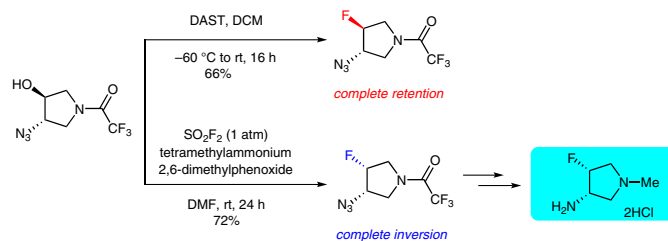
- (*R*)-configuration
- Best results with R<sup>1</sup> = Me, R<sup>2</sup> = Cl
- **11–67% ee; ≈20% yield**
- Crystallizes as a conglomerate
- Coupled Preferential Crystallization (CPC) enables the resolution of large amounts of racemate starting with 3–4 mg of >99% ee material

**Z. Fei**  
**X. Xiong**  
**C. Cheung**  
**W. Liu**  
**Q. Shen**  
**J. Zhang**  
**H. Gao**  
**J. Bian\***

Suzhou Novartis Pharma Technology Co., Ltd, P. R. of China

Asymmetric Synthesis of *cis*-(*S,R*)-3-Amino-4-fluoro-1-methylpyrrolidine

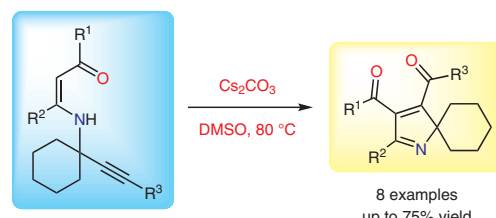
Letter  
1228



**E. Karadeniz**  
**M. Zora\***  
Middle East Technical University, Turkey

One-Pot Synthesis of Spiro-2*H*-pyrroles from *N*-Propargylic  $\beta$ -Enaminones

Letter  
1231



8 examples  
up to 75% yield  
R<sup>1</sup> = Ph; R<sup>2</sup> = Ph, *p*-Cl-C<sub>6</sub>H<sub>4</sub>  
R<sup>3</sup> = Ph, *p*-CH<sub>3</sub>-C<sub>6</sub>H<sub>4</sub>, *p*-F-C<sub>6</sub>H<sub>4</sub>, *p*-NO<sub>2</sub>-C<sub>6</sub>H<sub>4</sub>, *m*-Br-C<sub>6</sub>H<sub>4</sub>

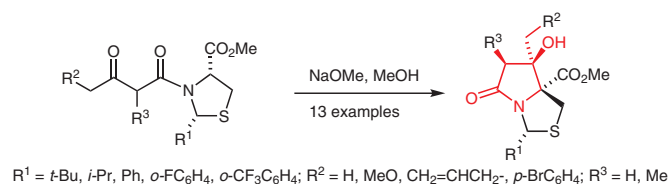
Synlett

Synlett 2019, 30, 1237–1240  
DOI: 10.1055/s-0037-1611829H. Almali  
N. C. Jimenez  
M. G. Moloney\*  
The University of Oxford, UK

## Intramolecular Aldol Ring Closures of Cysteine Derivatives Leading to Densely Functionalised Pyrroglutamates

Letter

1237



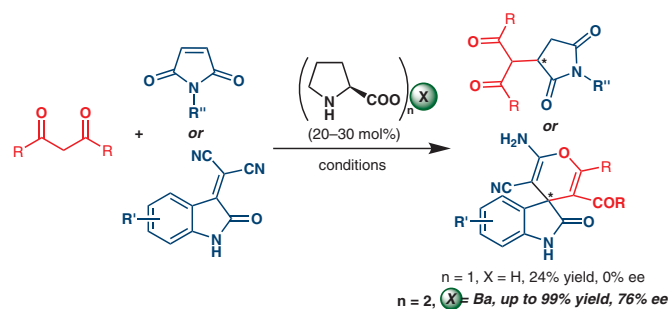
Synlett

Synlett 2019, 30, 1241–1245  
DOI: 10.1055/s-0037-1610713H. Wu  
H. Liu  
J. Li  
X. Li\*  
H.-P. Xiao  
J. Jiang\*  
Wenzhou University,  
P. R. of China

## Amino Acid Salt Catalyzed Asymmetric Addition Reaction of Acetylacetone to Maleimides and 2-(2-Oxoindolin-3-ylidene)malononitriles

Letter

1241



Synlett

Synlett 2019, 30, 1246–1252  
DOI: 10.1055/s-0037-1611827A. Philips  
C. Cunningham  
K. Naran  
T. Kesharwani\*  
University of West Florida, USASynthesis of 3-Halo-7-azaindoles through a 5-*endo*-dig Electrophilic Cyclization Reaction

Letter

1246

