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Synlett 2018, 29, 2081–2086  
DOI: 10.1055/s-0037-1610161

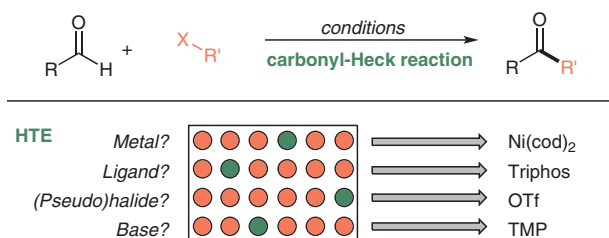
J. K. Vandavasi  
S. G. Newman\*

University of Ottawa, Canada

## A High-Throughput Approach to Discovery: Heck-Type Reactivity with Aldehydes

Synfacts

2081



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Synlett 2018, 29, 2087–2092  
DOI: 10.1055/s-0037-1610025

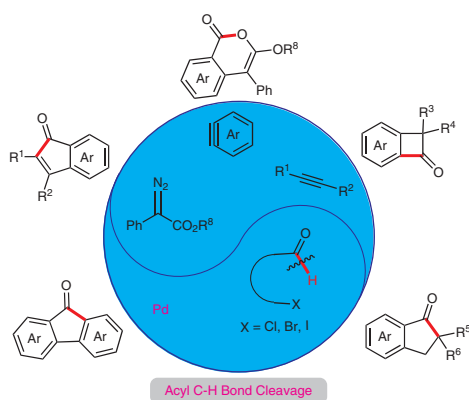
G. Chen\*  
Y. Yu  
X. Huang\*

Dongguan University of Technol-  
ogy, P. R. of China  
Fujian Institute of Research on  
the Structure of Matter,  
P. R. of China

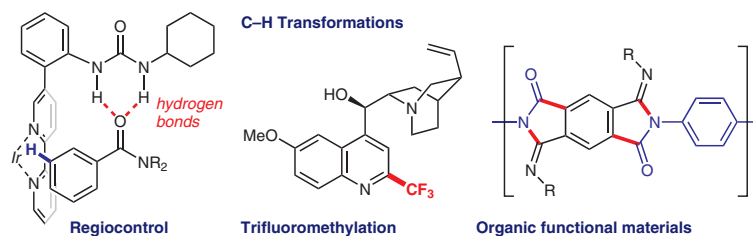
## Palladium-Catalyzed Annulation via Acyl C–H Bond Activation

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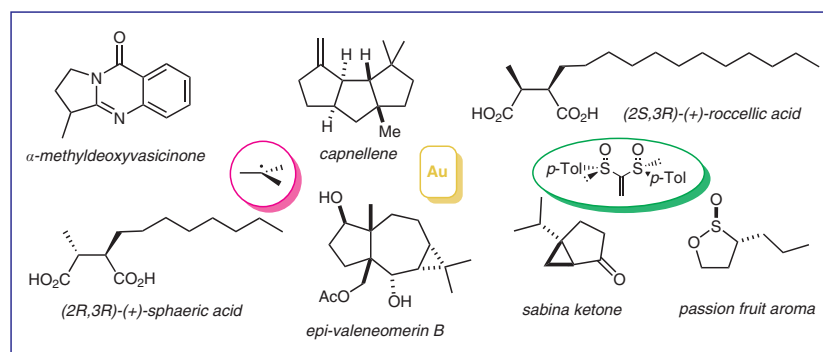
2087



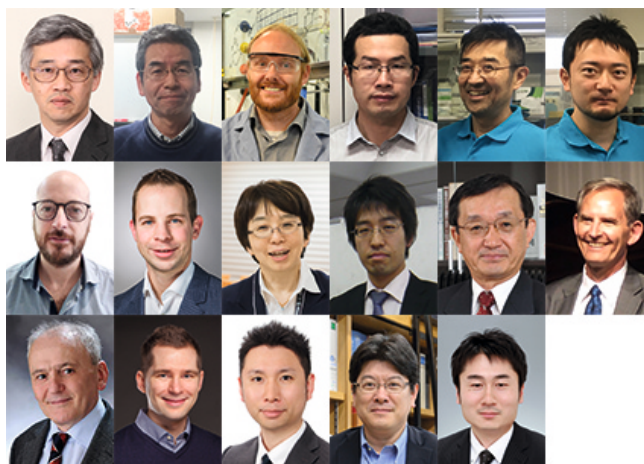
## Development of Novel C–H Bond Transformations and Their Application to the Synthesis of Organic Functional Molecules



## The Invention of New Methodologies: An Opportunity for Dating Natural Products



## Cover Page: Atropisomerism – In Memoriam Kurt Mislow



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Cluster Preface: Atropisomerism

Cluster

2120

Synlett 2018, 29, 2120–2121  
DOI: 10.1055/s-0037-1610998

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Prologue: Atropisomerism

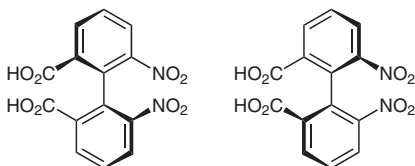
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2122

Synlett 2018, 29, 2122–2125  
DOI: 10.1055/s-0037-1610908

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Tianjin University, P. R. of China



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$\alpha$ -Alkylation of N-C Axially Chiral Quinazolinone Derivatives Bearing Various *ortho*-Substituted Phenyl Groups: Relation between Diastereoselectivity and the *ortho*-Substituent

Cluster

2126

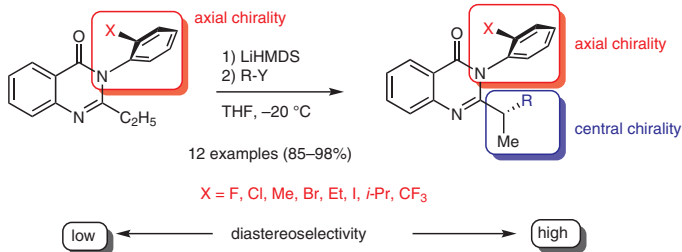
Synlett 2018, 29, 2126–2130  
DOI: 10.1055/s-0037-1610110

M. Matsuoka

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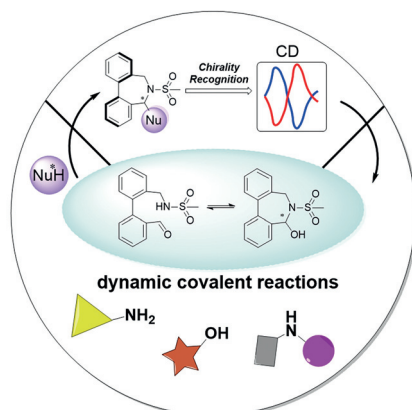


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## Dynamic Covalent Chemistry within Biphenyl Scaffolds: Effects from Endocyclic to Exocyclic Sulfonamides

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2131

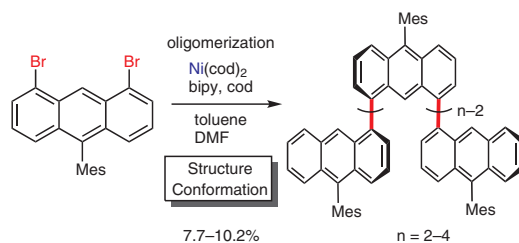
Synlett 2018, 29, 2131–2136  
DOI: 10.1055/s-0037-1610207C. Ni  
M. Wang  
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the Structure of Matter, P. R. of  
China

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## Synthesis and Conformational Analysis of 10-Mesitylanthracene-1,8-diyl Oligomers

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2137

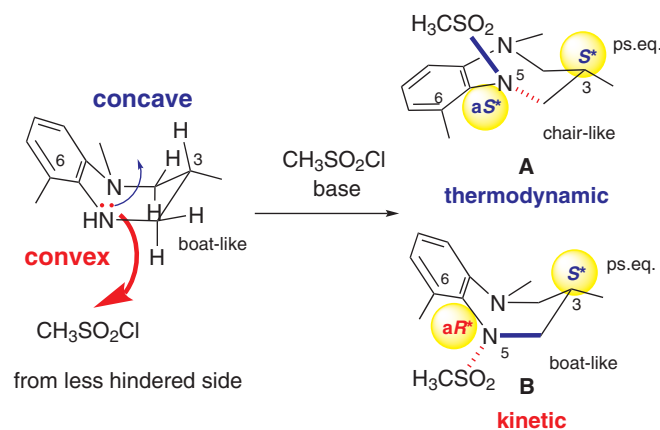
Synlett 2018, 29, 2137–2140  
DOI: 10.1055/s-0037-1609869S. Toyota\*  
T. Saibara  
K. Fujise  
T. Oki  
T. IwanagaTokyo Institute of Technology,  
Japan

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## Atropisomerism in the 2,3,4,5-Tetrahydro-1H-1,5-benzodiazepine Nucleus: Effects of Central Chirality at C3 on the N-Mesylation Reaction

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2141

Synlett 2018, 29, 2141–2146  
DOI: 10.1055/s-0037-1609868H. Tabata\*  
Y. Tsuji  
T. Yoneda  
T. Tasaka  
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H. Natsugari\*Teikyo University, Japan  
Affinity Science Corporation,  
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Tokyo University of Science,  
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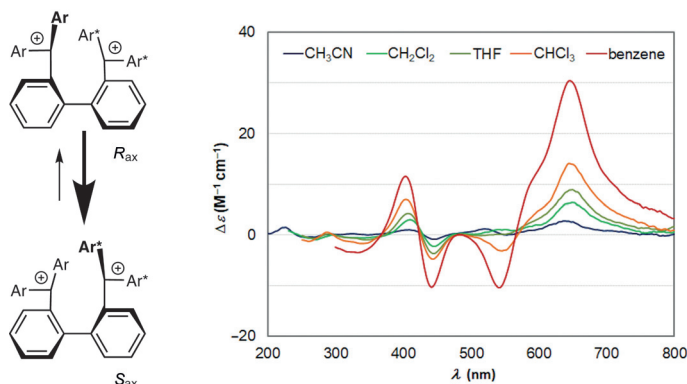
Synlett 2018, 29, 2147–2154  
DOI: 10.1055/s-0037-1610190Y. Ishigaki  
T. Iwai  
Y. Hayashi  
A. Nagaki  
R. Katoono  
K. Fujiwara  
J.-i. Yoshida  
T. Suzuki\*

Hokkaido University, Japan

Transmission of Point Chirality to Axial Chirality for Strong Circular Dichroism in Triarylmethylum-*o,o*-dimers

Cluster

2147



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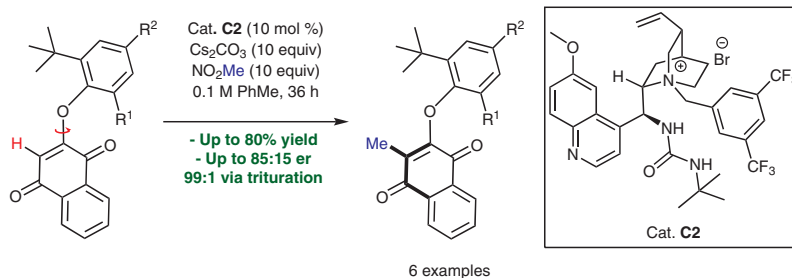
Synlett 2018, 29, 2155–2160  
DOI: 10.1055/s-0037-1609581A. N. Dinh  
R. R. Noorbehesht  
S. T. Toenjes  
A. C. Jackson  
M. A. Saputra  
S. M. Maddox  
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Toward a Catalytic Atroposelective Synthesis of Diaryl Ethers Through  $C(\text{sp}^2)\text{-H}$  Alkylation with Nitroalkanes

Cluster

2155

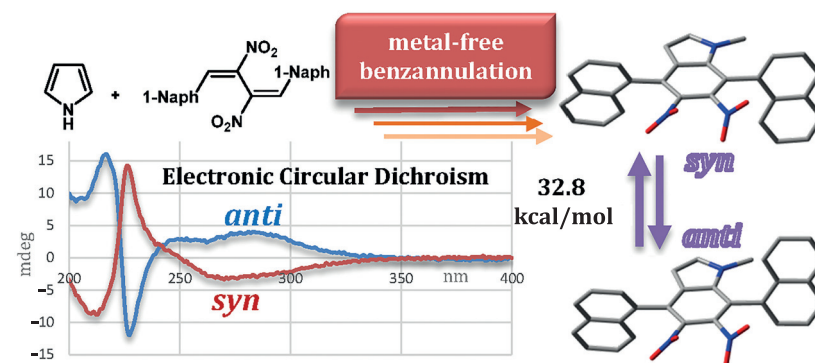


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Synlett 2018, 29, 2161–2166  
DOI: 10.1055/s-0037-1609908A. Pagano  
E. Marotta  
A. Mazzanti  
G. Petrillo\*  
C. Tavani  
M. Mancinelli\*  
University of Bologna, Italy  
University of Genova, ItalyStereodynamic Analysis of New Atropisomeric 4,7-Di(naphthalen-1-yl)-5,6-dinitro-1*H*-indoles

Cluster

2161



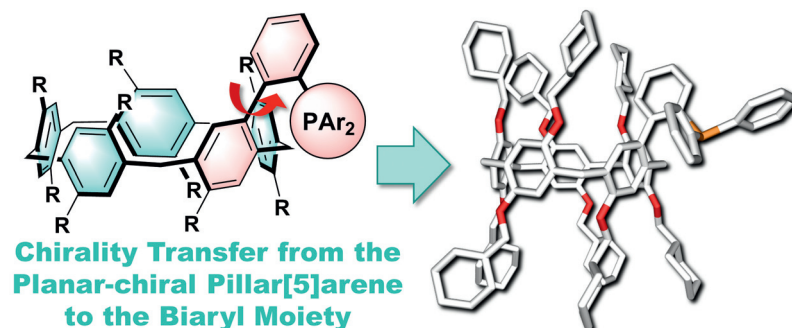
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Synlett 2018, 29, 2167–2170  
DOI: 10.1055/s-0037-1610635Y. Nagata\*  
Y. Shimada  
T. Nishikawa  
R. Takeda  
M. Uno  
T. Ogoshi\*  
M. Suginome\*Kyoto University, Japan  
Kanazawa University, Japan

## A Planar-Chiral Pillar[5]arene-Based Monophosphine Ligand with Induced Chirality at the Biaryl Axis

Cluster

2167



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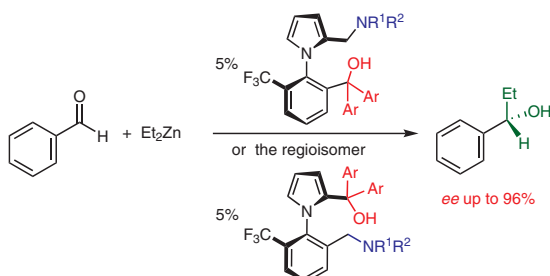
Synlett 2018, 29, 2171–2175  
DOI: 10.1055/s-0037-1610551B. Mátravölgyi  
S. Deák  
Z. Erdélyi  
T. Hergert  
P. Ábrányi-Balogh  
F. Faigl\*

Budapest University of Technology and Economics, Hungary

## Effect of Regioisomerism on the Efficiency of 1-Phenylpyrrole-Type Atropisomeric Amino Alcohol Ligands in Enantioselective Organometallic Reactions

Cluster

2171



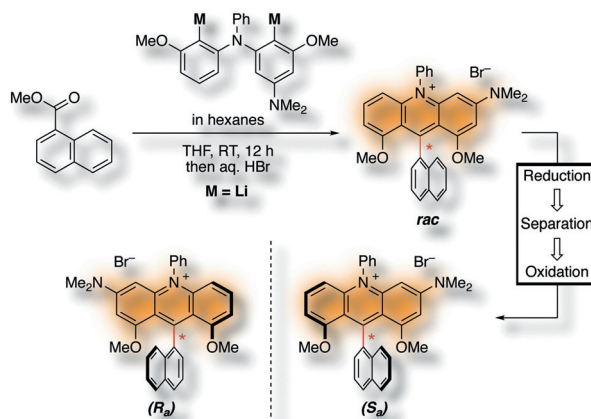
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Synlett 2018, 29, 2176–2180  
DOI: 10.1055/s-0037-1610233C. Fischer  
C. Sparr\*  
University of Basel, Switzerland

## Configurationally Stable Atropisomeric Acridinium Fluorophores

Cluster

2176

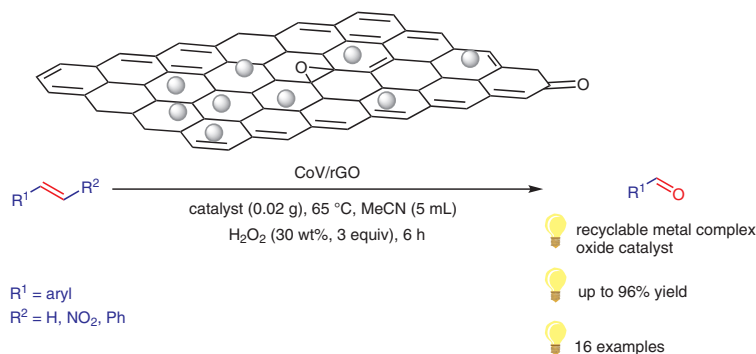


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Synlett 2018, 29, 2181–2184  
DOI: 10.1055/s-0037-1610630H. Zou  
C. Hu  
K. Chen  
G. Xiao  
X. Peng\*Nanjing University of Science  
and Technology,  
P. R. of ChinaCobalt Vanadium Oxide Supported on Reduced Graphene Oxide for  
the Oxidation of Styrene Derivatives to Aldehydes with Hydrogen Per-  
oxide as Oxidant

Letter

2181



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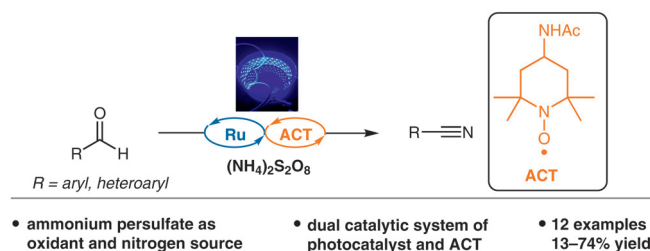
Synlett 2018, 29, 2185–2190  
DOI: 10.1055/s-0037-1610272J. Nandi  
M. L. Witko  
N. E. Leadbeater\*

University of Connecticut, USA

Combining Oxoammonium Cation Mediated Oxidation and Photo-re-  
dox Catalysis for the Conversion of Aldehydes into Nitriles

Letter

2185



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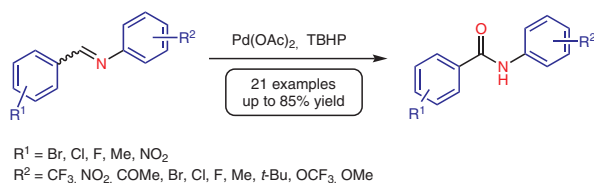
Synlett 2018, 29, 2191–2194  
DOI: 10.1055/s-0037-1610653S. Gao  
Y. Ma  
W. Chen  
J. Luo\*

Ningbo University, P. R. of China

## Pd-Catalyzed Oxidation of Aldimines to Amides

Letter

2191

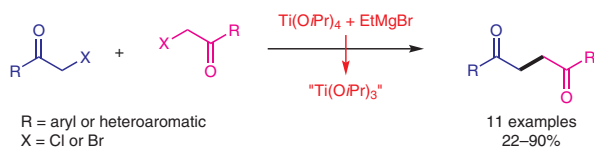


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Synthesis of 1,4-Diketones via Titanium-Mediated Reductive Homocoupling of  $\alpha$ -Haloketones

Letter

2195

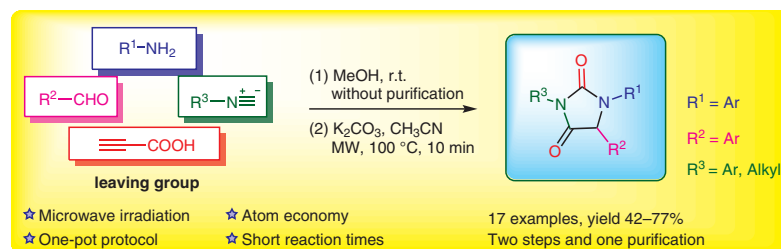
Synlett 2018, 29, 2195–2198  
DOI: 10.1055/s-0037-1610245N. N. Le  
A. M. Rodriguez  
J. R. Alleyn  
M. R. Gesinski\*  
Southwestern University, USA

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## Facile Construction of Hydantoin Scaffolds via a Post-Ugi Cascade Reaction

Letter

2199

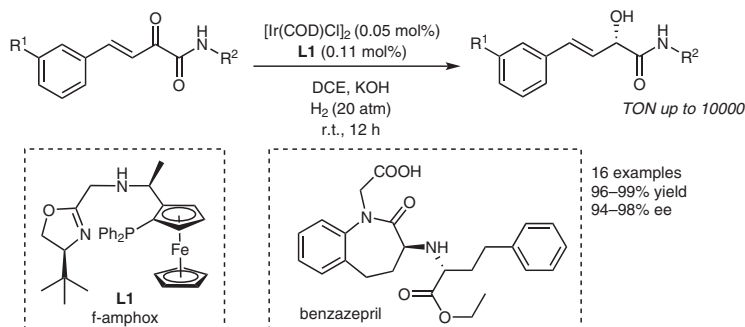
Synlett 2018, 29, 2199–2202  
DOI: 10.1055/s-0037-1610234Z.-G. Xu  
Y. Ding  
J.-P. Meng  
D.-Y. Tang  
Y. Li  
J. Lei  
C. Xu\*  
Z.-Z. Chen\*Chongqing University of Arts and Sciences, P. R. of China  
University of Electronic Science and Technology of China, P. R. of China

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Iridium/*f*-Amphox-Catalyzed Asymmetric Hydrogenation of Styrylglyoxylamides

Letter

2203

Synlett 2018, 29, 2203–2207  
DOI: 10.1055/s-0037-1609623S. Wang  
Y. Yu  
J. Wen\*  
X. Zhang\*  
Southern University of Science and Technology, P. R. of China



S. Nandy  
A. Ghatak  
A. K. Das  
S. Bhar\*  
Jadavpur University, India

## Chemoselective and Metal-Free Synthesis of Aryl Esters from the Corresponding Benzylic Alcohols in Aqueous Medium Using TBHP/TBAI as an Efficient Catalytic System

