

# SYNTHESIS

## Editorial

### Dear Readers,

Welcome to the New Year 2013, which will be an exceptional year for the **SYNTHESIS** team. One of the most important events in our calendar is the annual Editorial Board meeting in May or June, usually taking place somewhere in Europe. This year, however, we will gather off European soil for the first time, in Japan. Turning this occasion into a unique opportunity, particularly for Japanese researchers and students, Professors Hisashi Yamamoto and Yasuhiro Uozumi have organized the “**Nagoya Symposium 2013**” – a one-day meeting that will take place in Nagoya on Thursday, May 23, 2013. It will be a full day, packed with exciting science presented by most of the Editorial Board members of **SYNTHESIS**, **SYNLETT**, and **SYNFACTS**. Participants will also get the chance to mingle with the Editors for further discussions during the poster session, to take place between the morning and afternoon lectures. More information regarding the “Nagoya Symposium 2013”, including details for registration and poster presentation, can be found on our website [www.thieme-chemistry.com/nagoya2013](http://www.thieme-chemistry.com/nagoya2013).

But let's now take a quick look back on the highlights of the past year. Although there was no Special Issue published in 2012, the summer months were instead filled with an unusually high number of papers clustered into six Special Topics. The most comprehensive of these dealt with “Copper Chemistry”, “Domino Reactions/Tandem Transformations in Organic Synthesis” and the chemistry

of “Hypervalent Iodine”. In 2013, the plan is to complement the Special Topics program by two Special Issues so that you can continue to count on **SYNTHESIS** to deliver on timely topics highlighting state-of-the-art chemistry important to the synthetic community.

Many research areas in organic synthesis are developing and growing quickly enough that the Editorial Board felt the need for a more frequent reviewing of such fields and topics. Therefore, a couple of years ago, a new **Short Review** section was established, in addition to the regular **Reviews** published in **SYNTHESIS**. The first appeared in mid-2011 and since then, the section has grown significantly, such that a **Short Review** is now appearing in every second issue. The most popular among these are summarized in Table 1. Although these articles are generally invited, authors wishing to submit a **Short Review** are encouraged to do so and get in contact with Professor Mark Lautens, the responsible Editor, prior to submission.

**Table 1** Most Popular **Short Reviews** from 2012 and 2011 (CT = Citations, DL = Total Downloads; both by November 19, 2012)

CT	DL	Short Review
16	1120	On Gold-Mediated C–H Activation Processes T. de Haro, C. Nevado <b>2011</b> , 2530
10	425	Catalytic Decarboxylative Reactions: Biometric Approaches Inspired by Polyketide Biosynthesis Y. Pan, C.-H. Tan <b>2011</b> , 2044
9	532	Synthesis of 1,2,3-Triazole-Fused Heterocycles via Intramolecular Azide–Alkyne Cycloaddition Reactions K. C. Majumdar, K. Ray <b>2011</b> , 3767
7	917	Inexpensive Copper/Iron-Cocatalyzed Reactions Y. Su, W. Jia, N. Jiao <b>2011</b> , 1678
6	895	Recent Developments in Palladium-Catalyzed Alkene Aminoarylation Reactions for the Synthesis of Nitrogen Heterocycles D. M. Schultz, J. P. Wolfe <b>2012</b> , <i>44</i> , 351

**Table 2** Most Popular **Reviews** and **Papers** from 2012 (January to November, DL = Downloads, CT = Citations; both by November 19, 2012)

DL/CT	Article
<b>REVIEWS</b>	
1102/10	Decarboxylative Carbon-Carbon Bond-Forming Transformations of (Hetero)aromatic Carboxylic Acids J. Cornella, I. Larrosa <b>2012</b> , <i>44</i> , 653
1158/3	Recent Developments in Palladium-Catalyzed Formation of Five- and Six-Membered Fused Heterocycles K. C. Majumdar, S. Samanta, B. Sinha <b>2012</b> , <i>44</i> , 817
897/-	Copper-Catalyzed Synthesis of N-Heterocyclic Compounds T. Liu, H. Fu <b>2012</b> , <i>44</i> , 2805
885/3	Non-Cyclizing Direct Transformation of Arene Carbon-Hydrogen Bonds into Carbon-Nitrogen Bonds M. Zhang, A. Zhang <b>2012</b> , <i>44</i> , 1
843/1	Synthesis of Carbo- and Heterocycles via Coupling-Isomerization Reactions T. J. J. Müller <b>2012</b> , <i>44</i> , 159
801/1	Transition-Metal-Catalyzed Functionalization of Propargylic Alcohols and Their Derivatives E. B. Bauer <b>2012</b> , <i>44</i> , 1131
<b>PAPERS</b>	
1174/1	<i>tert</i> -Butoxide-Assisted Amidation of Esters under Green Conditions J. K. Park, Y. J. Yoon & co-workers <b>2012</b> , <i>44</i> , 42 ( <b>Full Paper</b> )
467/-	A Practical, Laboratory-Scale Synthesis of Perampanel A. H. Lewin & co-workers <b>2012</b> , <i>44</i> , 57 ( <b>Full Paper</b> )
464/1	Scale-Up of Flow-Assisted Synthesis of C <sub>2</sub> -Symmetric Chiral PyBox Ligands R. E. Martin & co-workers <b>2012</b> , <i>44</i> , 635 ( <b>Full Paper</b> )
458/-	An Efficient and Safe Method for the Multigram Synthesis of <i>trans</i> -2-(Trifluoromethyl)cyclopropylamine P. K. Mykhailiuk & co-workers <b>2012</b> , <i>44</i> , 1152 ( <b>PSP</b> )
452/2	Copper-Catalyzed Direct Amination of Polyfluoroarenes and Azoles with Hydroxylamines and Its Application to the Synthesis of 3-Aminobenzoheteroles K. Hirano, M. Miura & co-workers <b>2012</b> , <i>44</i> , 1792 ( <b>PSP</b> )
452/-	A Sustainable Procedure Combining the Advantages of Both Homogeneous and Heterogeneous Catalysis for the Heck-Matsuda Reaction F.-X. Felpin & co-workers <b>2012</b> , <i>44</i> , 37 ( <b>PSP</b> )
438/4	Selective Copper- or Silver-Catalyzed Decarboxylative Deuteration of Aromatic Carboxylic Acids L. J. Gooßen & co-workers <b>2012</b> , <i>44</i> , 184 ( <b>Feature Article</b> )

A mix of other articles that created an above-average interest among our readers in 2012 are shown in Table 2, with **Reviews** and other papers listed separately.

For the majority of papers submitted to **SYNTHESIS**, an important modification to the Instructions for Authors (also to be found at the end of this issue) was implemented last August. One main characteristic of **SYNTHESIS** as a full-paper journal is the publication of full experimental data sets within original articles. In order to better support and ensure the quality of the provided data, copies of <sup>1</sup>H and

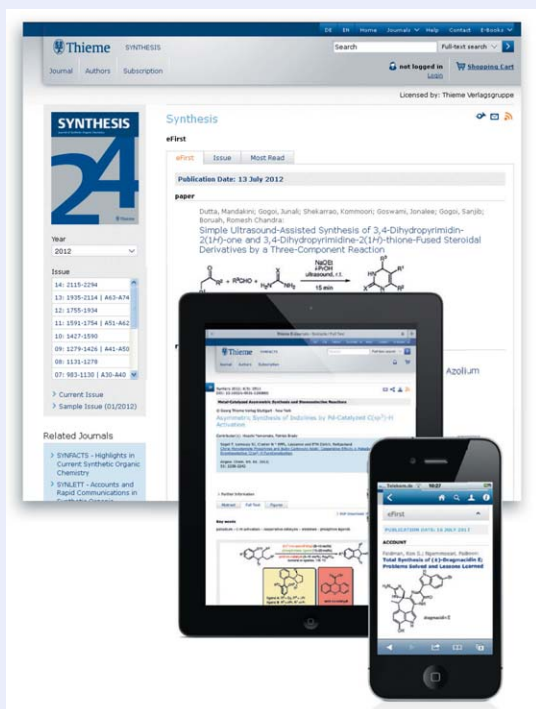
<sup>13</sup>C NMR spectra are now requested for the peer-review process. Authors have the choice, though, as to whether these data will appear online in the Supporting Information.

A service that we continue to offer to authors already for several years is the publication of primary experimental data (raw, unprocessed data files such as FIDs). Both authors and readers profit from the availability of such data: On one hand, these data support the research results described in the manuscripts in the most direct way. Further-

more, as the data are assigned with a unique DOI (different from that of the research paper itself), the primary data are permanently archived and readily accessible, also to others for their own research, and can be linked and cited independently. For more details, see the Instructions for Authors included in this issue or on our web site [http://www.thieme-chemistry.com/primary\\_data](http://www.thieme-chemistry.com/primary_data). We look forward to receiving more papers that take advantage of this possibility. All manuscripts should be submitted through <http://mc.manuscriptcentral.com/synthesis>, where authors can choose to supply primary experimental data.

By nature, primary data are only published online and are accessible, like all articles, via Thieme's E-journals platform (<http://www.thieme-connect.com/ejournals>), which underwent a major facelift and re-launch in late June of last year. Through the re-designed interface you now profit from various new features such as

- Enhanced functionality and modern design
- Compatibility for mobile devices (via mobile browser)
- Possibility to save personal settings and queries (via log-in to personal account)
- Optimized findability of our content in search engines and A&I services
- RightsLink partnership - a quick and easy way to permissions and reprints



The well-established Synthesis Reviews database, accessible through <http://www.thieme-chemistry.com/en/products/journals/supplements/synthesis-reviews.html>, has been updated again by Prof. Philip Kocienski and Dr. Krzysztof Jarowicki, and now covers more than 29,000 review articles of interest to the organic synthesis chemist.

Finally, we will continue the tradition of the Thieme Chemistry Journal Award in 2013, recognizing young researchers at the early stages of their independent careers. The Editorial Board members of **SYNTHESIS**, **SYNLETT**, and **SYNFACTS** selected again a number of young investigators around the globe to receive this award in 2013, consisting of free subscriptions to all three journals throughout the year. We are pleased to foster this mutually beneficial relationship: since starting this program in 1999, numerous individuals have received the award, and roughly two thirds of them regularly contribute their latest research results to **SYNTHESIS** and/or **SYNLETT**.

On behalf of all Editors, the Advisory Board members and the staff of the Editorial Office in Stuttgart, I would like to thank our authors and referees for their ongoing support, be it through their excellent contributions to **SYNTHESIS** or their efforts in providing valuable comments during the peer-review process. We look forward to another year of fruitful and intense collaborations with all of you!

With best wishes for a successful, peaceful and happy New Year,

Susanne Haak  
 Managing Editor  
 Stuttgart, January 2013