

Editorial

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Chemical Synthesis: Happy Birthday!

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How to cite this article: Su BL. *Chemical Synthesis: Happy Birthday!* *Chem Synth* 2022;2:22. <https://dx.doi.org/10.20517/cs.2022.39>

Received: 5 Dec 2022 **Accepted:** 5 Dec 2022 **Published:** 7 Dec 2022

Academic Editor: Bao-Lian Su **Copy Editor:** Peng-Juan Wen **Production Editor:** Peng-Juan Wen

Our journal *Chemical Synthesis* is celebrating its first anniversary of releasing the first issue in November 2021 and the second anniversary of its creation. We also would like to take this opportunity to congratulate our author, Prof. Karl Barry Sharpless, for his second Nobel Prize in Chemistry in 2022.

This year, *Chemical Synthesis* became a member of the Committee on Publication Ethics (COPE) and STM (International Association of Scientific, Technical, and Medical Publishers). We also have some cooperating conferences, such as the 2023 International Conference on Materials Science and Engineering (CoMSE 2023), the International Conference on Catalysis and Chemical Science, The 44th International Conference on Coordination Chemistry, and The 20th National Congress on Catalysis of China. In addition, we have three cooperating partners: Researchgate, TrendMed, and Clarivate. As of now, all published articles have been indexed by Google Scholar, Dimensions, and Lens. We also plan to apply for CAS, J-GATE, EBSCO, INSPEC, ESCI, Scopus, etc.

Chemical Synthesis has published 36 high-quality papers since November 2021, including 3 Editorials, 6 Research Articles, 11 Reviews, 2 Previews, 3 Editor's Choices, 3 Research Highlights, 1 Commentary, 1 Perspective, 3 News, 2 Short Communications and 1 Feature Article. According to statistics, the published articles have 35,523 views and 10,214 downloads. The authors are internationally well-known chemists. The Webinar on "Dynamic network assembly and multipolar structural transformation" with three lectures chaired by Prof. Guangshan Zhu from Northeastern Normal University and delivered by three eminent



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scientists: Prof. Minghua Zeng from Hubei University, Prof. Chen Wang from East China Normal University and Prof. Teng Ben from Zhejiang Normal University was a great success and attracted more than 21,000 attendees. The second Webinar focused on “Catalysis” with Prof. Peijun Hu from East China University of Science Technology, Prof. Yuefeng Liu from Dalian Institute of Chemical Physics, Chinese Academy of Sciences, and Prof. Lin He from Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences as Speakers, which broke the record and attracted more than 76,000 attendees. Our journal gained widespread attention around the world! We sincerely thank the editorial staff for their hard work, for the quality control of our section editors, and for the active participation of our youth editorial committee members.

This year, the number of international Editorial Board Members has been expanded to 65, covering 14 countries, 23 Section Editors and 43 Youth Editorial Board Members.

Next year, our journal will be more diversified. In addition to the regular issues, six Special Issues are programmed on “50 Years Selenium Organic Chemistry”, “Celebrating the 45th Anniversary of Changzhou University - Applications and Future Prospects of Asymmetric Organocatalysis”, “Molecular Based Magnetic Materials, Synthesis of Advanced Material for Novel Fuel Cells”, “Self-Assembled Nanostructures and Materials” and “Carbon-Based Materials for Electrocatalytic Energy Conversion and Storage: From Understanding to Designing”. We welcome your contributions and will provide you with more information on the latest developments in Chemistry.

On this momentous occasion, the release of the first issue and the second anniversary of our journal’s founding, there are no words to express my gratitude to our authors for their trust and high-quality contributions to our journal. Special thanks to our reviewers for giving their expertise and time to review manuscripts. We really appreciate their commitment to the first, second, third and sometimes even fourth and fifth rounds of review. They set an excellent example of scientific professionalism. We know that we can continue to count on them. The success of our journal is owing to our authors, reviewers and editorial staff.

In this fourth issue of 2022, you will find two excellent review articles. One is on a very hot topic related to two-dimensional materials: synthesis and applications in the electro-reduction of carbon dioxide contributed by the team led by Prof. Xinchun Kang and Prof. Buxing Han from the Institute of Chemistry, Chinese Academy of Sciences. It is really a state-of-the-art review that can give you essential information. The other is on the fundamentals of the catalytic conversion of methanol to hydrocarbons by Prof. Jianfeng Huang and Dr. Zhaohui Liu from Chongqing University. Two research articles are in this issue. One is from Prof. Yi Tang’s group, Fudan University, on alkalinity-controlled zeolite nucleation and growth: ultrafast synthesis of total-morphology zeolite L mesocrystals and adsorption evaluation. Zeolites, as one of the most important materials in petroleum processing, remain the focus of catalysis research. In this high-quality research paper, a facile and univariate modulation strategy was developed to regulate zeolite crystallization kinetic to develop advanced catalysts and adsorbents. Another is on Enantioselective 1,1-diarylation of terminal alkenes catalyzed by palladium with a chiral phosphoric acid from Prof. Zhi-Min Chen’s group at Shanghai Jiao Tong University. This paper, for the first time, reports the enantioselective 1,1-diarylation of allyl sulfones and vinyl sulfones. A short communication from Prof. Jie Han’s team at Yangzhou University highlights β -cyclodextrin mediated construction of porous helical nanoribbons from oligoaniline derivatives. This work demonstrates how the supramolecular host-modulated assembly strategy can be instructive for the fabrication of porous supramolecular nanostructures.

Chemical Synthesis is seeking important breakthroughs and significant scientific insights. With the joint efforts of our editorial staff, we do our best to bring you more information on chemical developments. We are waiting for you to join us to promote chemical research via our journal and realize our *Chemical Synthesis* dream.

Finally, Merry Christmas and Happy New Year to all!

DECLARATIONS

Author's contribution

The author contributed solely to this manuscript.

Availability of data and materials

Not applicable.

Financial support and sponsorship

None.

Conflicts of interest

The author declared that there are no conflicts of interest.

Ethical approval and consent to participate

Not applicable.

Consent for publication

Not applicable.

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