Synlett

## Editorial

As we stand at the threshold of a new year, I am filled with excitement and anticipation for the possibilities that lie ahead in my new role with this scientific endeavour. On behalf of the entire SYNLETT editorial team, I extend warm wishes to each member of our vibrant community for the upcoming new year. The beginning of a new year symbolizes a fresh chapter in the journey filled with zeal and energy towards exploring new avenues of scientific discoveries. As the newly appointed Editor-in-Chief, I am honoured to lead SYNLETT through an exciting new phase and look forward to a year filled with groundbreaking research, collaborative endeavours, and continued advancements in the field of synthetic chemistry. In the spirit of scientific advancements, let us reaffirm our continuous commitment to excellence, innovation, and the pursuit of knowledge. SYNLETT will continue to cater intellectual exchange, celebrate diversity, and reward the transformative power of scientific inquiry as an established scientific platform. As we embark on this journey together, I encourage our authors to share their most innovative and impactful research works, our reviewers to lend their expertise, and our readers to engage with the cutting-edge developments showcased in SYNLETT. Your contributions are the driving force behind the success of the journal, and I am confident that, collectively, we will reach new heights in the coming years. My vision for SYNLETT is rooted in fostering innovation, collaboration, and fairness. I aim to enhance the journal's global reach by actively engaging researchers and authors across diverse sub-disciplines of synthetic chemistry. By implementing rigorous yet transparent peer-review processes, we will ensure the publication of high-impact research. Furthermore, I am committed to nurturing the next generation of researchers. Initiatives supporting early-career scientists and providing them with a platform to showcase their work will be a priority, reinforcing SYNLETT's role in shaping the future of synthetic chemistry.

As I step into my new role, it is both an honour and a privilege to express my deepest gratitude to Professor Ben List, my distinguished predecessor, and a visionary leader. Under Professor List's stewardship, SYNLETT has not only maintained its status as a premier platform for cutting-edge research in synthetic chemistry but has also evolved into a dynamic hub of innovation and intellectual exchange. His unwavering commitment to excellence and scholarly rigor has left an indelible mark on the journal. As we transition to a new chapter, the foundation laid by Professor List will act as a guide for the betterment of scientific outlook.

In the year 2023, SYNLETT proudly presented seven well-received Clusters and special issues: Thieme Chemistry Journals Awardees 2022 (editor: Benjamin List); chemical synthesis and catalysis in India (editor: Benjamin List; guest editors: Santanu Mukherjee and me); dispersion effects (editor: Benjamin List; guest editors: Peter R. Schreiner and Stefan Grimme); a special issue honouring Masahiro Murakami's contributions to science (editor: Ruben Martin); 13th EuCheMS Organic Division Young Investigator Workshop; 60 years of the Matteson reaction: modern boronate rearrangements (editor: Tomislav Rovis; guest editors: James P. Morken and Varinder Aggarwal); and a special issue dedicated to Hisashi Yamamoto (guest editor: Keiji Maruoka).

These endeavours were such a resounding success that SYNLETT is thrilled to announce the planning of several new Clusters and special issues slated for 2024. Among them are dedicated sections on: functional dyes; the SICC-11 conference; biomimetic synthesis; the chemistry of natural products; chemical synthesis and catalysis in Germany; advances in the synthesis of bio-active nucleosides, functional nucleotides and oligonucleotides; a special issue to celebrate the centenary year of Prof. Har Gobind Khorana: organic chemistry under visible light: photolytic and photocatalytic organic transformations; Thieme Chemistry Journals Awardees 2023; special issue in honour of the late Keith Fagnou; the GRATAMA workshop (Holland/Japan symposium on organic chemistry); chemical tools for peptide modifications; isotopic labelling; the synthesis of energetic molecules; and the 14th EuCheMS Organic Division Young Investigator Workshop.

Peter Vollhardt, a distinguished figure at SYNLETT, is bidding us farewell. With a long and dedicated service from the very beginnings of the journal, Peter has played a pivotal role for SYNLETT, and his departure marks the end of an era. SYNLETT acknowledges his significant impact on the journal and the field at large and expresses profound gratitude for his invaluable services. We sincerely wish Peter a fulfilling retirement.

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In the upcoming year, we are thrilled to unveil significant changes in our editorial leadership. Tom Rovis will assume the responsibility for Accounts, Ruben Martin will oversee Synpacts, and Manuel van Gemmeren is welcomed as our new Associate Editor with his immeasurable experience in Crowd Reviewing at SYNLETT. Their profound experience in diverse fields of synthetic chemistry will contribute unique insights in shaping the future trajectory of our journal.

The highly impactful research landscape of 2021 and 2022 is revealed in Table 1, showcasing the ten most cited articles in order of citation count. Additionally, Table 2 lists the standout articles from 2023 that have already garnered above-average reader interest. A significant portion of these are from our Cluster sections, again highlighting the impact and timeliness of these emerging and ever-expanding topics.

**Most-Cited SYNLETT Articles from 2021 and 2022 (CT = Citations, as of December 04, 2023)**

| CT | Authors | Title | Reference |
|---|---|---|---|
| 52 | Wu, Yanyu; Kim, Dooyoung; Teets, Thomas S. | *Photophysical Properties and Redox Potentials of Photosensitizers for Organic Photoredox Transformations* https://www.thieme-connect.de/products/ejournals/abstract/10.1055/a-1390-9065?issue=10.1055/s-013-58001 | *Synlett* **2022**, *33*, 1154. |
| 48 | Liu, Saiwen; Deng, Guo-Jun; Huang, Huawen | *Recent Advances in Sulfur-Containing Heterocycle Formation via Direct C–H Sulfuration with Elemental Sulfur* https://www.thieme-connect.de/products/ejournals/abstract/10.1055/s-0040-1707217?issue=10.1055/s-013-58001 | *Synlett* **2021**, *32*, 142. |
| 33 | Liao, Lihao; Zhao, Xiaodan | *Modern Organoselenium Catalysis: Opportunities and Challenges* https://www.thieme-connect.de/products/ejournals/abstract/10.1055/a-1506-5532?issue=10.1055/s-013-58001 | *Synlett* **2021**, *32*, 1262. |
| 30 | Berger, Florian; Ritter, Tobias | *Site-Selective Late-Stage C–H Functionalization via Thianthrenium Salts* https://www.thieme-connect.de/products/ejournals/abstract/10.1055/s-0040-1706034?issue=10.1055/s-013-58001 | *Synlett* **2022**, *33*, 339. |
| 27 | Kang, Qi-Kai; Shi, Hang | *Catalytic Hydrogen Isotope Exchange Reactions in Late-Stage Functionalization* https://www.thieme-connect.de/products/ejournals/abstract/10.1055/a-1354-0367?issue=10.1055/s-013-58001 | *Synlett* **2022**, *33*, 129. |
| 26 | Cauwenbergh, Robin; Das, Shoubhik | *Photocatalysis: A Green Tool for Redox Reactions* https://www.thieme-connect.de/products/ejournals/abstract/10.1055/s-0040-1706042?issue=10.1055/s-013-58001 | *Synlett* **2022**, *33*, 129. |
| 25 | Yang, Xiao-Guang; Hu, Ze-Nan; Jia, Meng-Cheng; Du, Feng-Huan; Zhang, Chi | *Recent Advances and the Prospect of Hypervalent Iodine Chemistry* https://www.thieme-connect.de/products/ejournals/abstract/10.1055/a-1492-4943?issue=10.1055/s-013-58001 | *Synlett* **2021**, *32*, 1289. |
| 21 | Lin, Qiao; Dawson, Gregory; Diao, Tianning | *Experimental Electrochemical Potentials of Nickel Complexes* https://www.thieme-connect.de/products/ejournals/abstract/10.1055/s-0040-1719829?issue=10.1055/s-013-58001 | *Synlett* **2021**, *32*, 1606. |
| 18 | Ye, Fei; Xu, Li-Wen | *A Glimpse and Perspective of Current Organosilicon Chemistry from the View of Hydrosilylation and Synthesis of Silicon-Stereogenic Silanes* https://www.thieme-connect.de/products/ejournals/abstract/10.1055/a-1408-6795?issue=10.1055/s-013-58001 | *Synlett* **2021**, *32*, 1281. |
| 17 | Li, Long; Luo, Wen-Feng; Ye, Long-Wu | *Recent Progress in the Gold-Catalyzed Annulations of Ynamides with Isoxazole Derivatives via α-Imino Gold Carbenes* https://www.thieme-connect.de/products/ejournals/abstract/10.1055/a-1344-5998?issue=10.1055/s-013-58001 | *Synlett* **2021**, *32*, 1303. |

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**Most Downloaded Articles from 2023**
**(January to November 30, DL = Downloads)**

| DL | Authors | Title | Reference |
|---|---|---|---|
| 1496 | Levin, Mark D. | *Retrosynthetic Simplicity* https://www.thieme-connect.com/products/ejournals/html/10.1055/s-0043-1763623 | *Synlett* **2023**, DOI: 10.1055/s-0043-1763623. |
| 1458 | Lee, Jeonghyo; Chang, Sukbok | *Versatile Utility of Cp*Co(III) Catalysts in C–H Amination under Inner- and Outer-Sphere Pathway* https://www.thieme-connect.com/products/ejournals/abstract/10.1055/a-1987-6464 | *Synlett* **2023**, *34*, 1356. |
| 1008 | Bastick, Kane A. C.; Watson, Allan J. B. | *Pd-Catalyzed Homologation of Arylboronic Acids as a Platform for the Diversity-Oriented Synthesis of Benzylic C–X Bonds* https://www.thieme-connect.com/products/ejournals/abstract/10.1055/a-2117-9878 | *Synlett* **2023**, *34*, 2097. |
| 928 | Natho, Philipp; Allen, Lewis A. T.; Parsons, Philip J. | *A Cyclobutanol Ring-Expansion Approach to Oxygenated Carbazoles: Total Synthesis of Glycoborine, Carbazomycin A and Carbazomycin B* https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0042-1751411 | *Synlett* **2023**, *34*, 937. |
| 841 | Gillions, Joseph P.; Elsherbeni, Salma A.; Winfrey, Laura; Yun, Lei; Melen, Rebecca L.; Morrill, Louis C.; Pulis, Alexander P. | *Recent Advances in Catalysis Using Organoborane-Mediated Hydride Abstraction* https://www.thieme-connect.com/products/ejournals/abstract/10.1055/a-2111-9629 | *Synlett* **2023**, *34*, 2117. |

As we navigate the pages of this SYNLETT issue, it becomes evident that the journal continues to be a driving force in shaping the future of synthetic chemistry. The collaborative efforts of researchers worldwide, as showcased in these pages, reinforce SYNLETT's commitment to fostering innovation, disseminating knowledge, and propelling the field forward. In conclusion, this editorial serves as a tribute to the relentless pursuit of excellence in synthetic chemistry and encourages researchers to embrace the challenges and opportunities that lie ahead.

I am wishing you all a Happy New Year 2024 filled with inspiration, innovation, happiness, and scientific triumphs!

Best wishes,

Debabrata Maiti
SYNLETT Editor-in-Chief
IIT Bombay
December 2023

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