Preface

I am glad to write a preface of the papers published in the first issue of Current Microwave Chemistry (CMIC) for the year 2022. The issue includes six research articles. Karati et al. gave a brief discussion on green synthesis of Schiff base congeners of pyrimidine nuclei via a microwave-assisted approach using water as a solvent. Kovach et al. discussed the surface modification of polybenzimidazole by microwaved vacuum ultraviolet photo-oxidation. Norouzi et al. used microwave-assisted synthesis of quinazolin-4(3H)-one derivatives as antibacterial agents. S. Panda analyzed aqueous dextran via ultrasonic study. Zulfugarova et al. used microwave sol-gel synthesis of Co, Ni, Cu, and Mn ferrites for CO oxidation. Kundaliya et al. synthesized triazolyl pyrazolyl pyrazoline substituted coumarins for antimicrobial activity study via a microwave-assisted way.

Microwave-induced or -assisted methods have become a powerful tool in the chemistry and interdisciplinary science and engineering. In this issue, new directions and applications via microwave-assisted synthesis have been proposed and reviewed. Since the number of researchers working on microwaves is rapidly increasing, we believe that CMIC will also significantly grow in the future with the support of many researchers in the specific subject. I sincerely request scientists of diverse fields to submit their manuscripts to CMIC on the hot and current topics, associated with the microwave technology. All these manuscripts will be evaluated thoroughly by our experts and editorial members.

I sincerely thank all authors for choosing CMIC for their publications. In addition, I would like to appreciate all reviewers for impartially evaluating the manuscripts.