

Meet Dr. Qinqin Shi, Thieme Chemistry Journals Awardee 2024!



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Dr. Qinqin Shi is a professor in the School of Materials Science and Photovoltaic Technology at the University of Chinese Academy of Sciences (P.R. China). She obtained her PhD in 2011 from the Institute of Chemistry, Chinese Academy of Sciences, Beijing (P.R. China).

Thieme: Which field of organic chemistry are you interested in the most and why?

Dr. Shi: Synthetic methods, especially polymerization methods, interest me the most. I am attracted to solving problems related to functional materials.

Thieme: Following that, what is the focus of your current research activity?

Dr. Shi: Currently, I am focusing on the design and precise synthesis of conjugated polymers.

Thieme: What do you think about the modern role and prospects of organic chemistry?

Dr. Shi: It is still a critical science due to the driving force for the developments of medicine, biochemistry, and materials fields. Right now, artificial intelligence is challenging the way we think how to perform the experiments and learn chemistry. Therefore, I think organic chemistry has a great chance to change our current life.

Thieme: Which difficulties are there for young upcoming chemists in your field? Do you have any tips?

Dr. Shi: The characterization of conjugated polymers is still challenging us to know the real structure of polymers. My suggestion is to learn more about the characterization techniques for polymers.

Thieme: What is your most important scientific achievement to date and why?

Dr. Shi: Well, I am trying to solve the batch variation for synthesizing conjugated polymers. Although some progress has been achieved via precise synthetic methods, the understanding to solve the key problem is not quite clear. Hopefully, our efforts could change the way we synthesize conjugated polymers.

Thieme: Could you tell us something about yourself outside the lab, such as your hobbies or extra-work interests?

Dr. Shi: I like to swim or hike after work, which makes me feel relaxed.
