Duoqian Miao received his Ph.D. degree in computer science from Institute of Automation, Chinese Academy of Sciences, China, in 1997. He is a Fellow of International Rough Set Society (IRSS), a Fellow of Chinese Association for Artificial Intelligence (CAAI). He joined the Department of Computer Science & Technology of Tongji University as an Professor in 2002. He was the Head of the Department of Computer Science and Technology (2003-2006), Vice Dean of the College of Electronics and Information Engineering (2006-2016). He was selected in the World's Top 2% Scientists 2022.

His research interests include Artificial Intelligence, Machine Learning, Big Data Analysis, Granular Computing and Rough Sets. He published more than 100 papers in top-tier international journals/conferences, and holds 20+ patents. In addition, he has published 10 academic books. He received various awards/honors such as the Second Prize of Wuwenjun AI Science and Technology (2018), the First Prize of Natural Science of Chongqing (2010), the First Prize of Technical Invention of Shanghai (2009), the First Prize of Ministry of Education Science and Technology Progress Award (2007).

He is/was the President of the International Rough Sets Society (IRSS, 2020-2022), Vice President of Shanghai Computer Federation (2018-2022), Vice President of Shanghai Association for Artificial Intelligence (2019-), Chair of CAAI Granular Computing and Knowledge Discovery Technical Committee (2012-2022) . He serve as Associate Editors of International Journal of Approximate Reasoning, Information Sciences, and CAAI Transactions on Intelligence Technology.