



Separations

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Green Separation and Purification Technology

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Significant interest from the scientific community and increasing industrial demand has increased the research and development within the field of green separation technologies. The establishment of cleaner and more sustainable strategies depends on the development and application of methods, solvents, and materials that pose fewer risks to the environment and human health, and that consume less energy. This book aims to present instructive reviews and research in areas such as green chemistry, separation science, analytical tests, chemical engineering, environmental science, natural chemicals, pharmaceutical chemistry, agricultural products, functional foods, traditional herbs, nutraceuticals, cosmetics, and biorefinery. Thus far, eight papers have been published in this Special Issue. Although the authors are from different countries, they share a common interest in green development, and many of them specialize in the field of separation science, demonstrating extensive research experience and outstanding research achievements. The papers include reviews and research articles on topics ranging from methodological establishment to greenness assessment, representing a diverse collection with good reference value. We believe that this Special Issue and its book will help scholars to more efficiently navigate the progress in this field and facilitate connections among authors and readers, thus fostering collaboration. In summary, green separation and purification represents an important and cutting-edge field of research that warrants continuous exploration and application by researchers across all fields.



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