Topical Collection

State of the Art in Plant Omics Analysis in Separations

Message from the Collection Editors

Plant omics is a recent scientific field consisting of various disciplines, such as plant genomics, transcriptomics, proteomics, metabolomics, etc. The different omics tools and strategies provide greater opportunities to dissect molecular mechanisms and discover key genes, proteins, and metabolites in different plant organisms. Knowledge gathered through a multi-omics approach can help in understanding the response of plants to abiotic and biotic stress, and in the regulation of the relationship between plant metabolism and physiology. In this Topical Advisory Panel Collection Series, “State of the Art in Plant Omics Analysis”, we welcome original research and review articles on the development and application of analytical methods in the field of plant genomics, transcriptomics, proteomics, metabolomics, and other plant omics.

Collection Editors

Dr. Ivana Tomaz
Department of Viticulture and Enology, Faculty Agriculture, University of Zagreb, 10 000 Zagreb, Croatia

Dr. Darko Preiner
Faculty of Agriculture, University of Zagreb, Zagreb, Croatia

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Separations
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
separations@mdpi.com

mdpi.com/journal/separations

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Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755, USA

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