Special Issue

Advances in Physiology and Cultivation of Floricultural Crops

Message from the Guest Editors

Reflecting the recent growth of the flower industry in developing countries and increasing consumer demand for flower crops worldwide, the size of the global flower industry is expected to reach more than USD 100 billion by 2032. Generally, most floricultural crops are produced in indoor farms using facilities. These facilities contribute to improving production and flower quality by providing suitable environments for flower crops. Moreover, advanced technologies are being applied along with the recent expansion of smart farms.

This Special Issue focuses on our advanced understanding of the physiology and cultivation of floricultural crops to enhance crop production efficiency. In addition, it covers advanced research in all areas of physiology and cultivation, including propagation, seedling nursery, flowering-time control, and flower quality (size, color, pigment, form, fragrance, vase life, etc.). In particular, research on improving crop productivity through environmental control, as well as genetic and metabolite information and the physiological mechanisms involved in flower quality, is preferred.

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Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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