

1. General

The "Journal of Plant Physiology" (J Plant Physiol) publishes, in English, original papers, short communications and reviews in all areas of plant physiology, plant biochemistry, plant molecular biology and functional biotechnology of plants. Manuscripts covering applied issues can be accepted only if establishing general principles in plant physiology and contributing to the understanding of physiological mechanisms. Studies that merely confirm known facts in just another species will normally not be considered for publication.

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Authors interested in writing a review article should contact one of the editors in advance by submitting a summary of the intended manuscript. The editor may then send an official letter of invitation with further instructions.

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Original Papers represent a substantial novel finding in plant physiology, normally produced through the application of a combination of experimental techniques. The text should not exceed 10 printed pages including tables and figures (45000 characters plus up to ten figures and/or tables).

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Short Communications should not exceed 4 printed pages including tables and figures (20000 characters and up to 4 figures and/or tables). Please note: A SC is not a publication that contains too few or preliminary data to justify a full paper. It should report "urgent data" that should be communicated to the scientific community prior to the completion of the full investigation.

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Page 1: Give summary, five key words (in alphabetical order) and list abbreviations (in alphabetical order).

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Abbreviations: List all abbreviations used which are non-standard. Abbreviations used for the axes of graphs should be listed in the abbreviation list not the figure legend. Use abbreviations consistently after the first introduction.

Following Pages: Introduction; Materials and Methods; Results; Discussion; Acknowledgments; References; Tables; Legends of figures; Figures.

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Text: Style should be concise and clear. Correct English spelling, syntax and grammar is the sole responsibility of the author(s). Genera must be spelled out when first mentioned and experimental plants defined by taxonomic names and authority in Material and Methods. Genus and species names and words to be emphasized should be printed in italics. Footnotes are not permitted.

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Wilhelm C, Selmar D. Energy dissipation is an essential mechanism to sustain the viability of plants: The physiological limits of improved photosynthesis. *J Plant Physiol* 2011;168:179-87.

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Keller M. *The Science of Grapevines*. New York: Academic Press, 2010.

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Wilhelm C, Selmar D. *J Plant Physiol* 2011;168:179-87.

Krause GH, Weis E. In: Lichtenthaler KH, editor. *Applications of Chlorophyll Fluorescence*. Dordrecht: Kluwer;1988, p 3-11.

Keller M. *The Science of Grapevines*. New York: Academic Press, 2010.

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Adams AB. (2000)
Adams AB. (2001)
Adams AB, Baker C. (2001)
Adams AB, Smith D. (2000)
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Adams AB, Baker C, Smith D. (2001)

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updated September 19, 2011