

Quelques publications sélectionnées

- Urban, L., Léchaudel, M., & Lu, P. (2004). Effect of fruit load and girdling on leaf photosynthesis in *Mangifera indica* L. *Journal of Experimental Botany*, 55(405), 2075-2085.
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- Damour, G., Simonneau, T., Cochard, H., & Urban, L. (2010). An overview of models of stomatal conductance at the leaf level. *Plant, cell & environment*, 33(9), 1419-1438.
- Ouhibi, C., Attia, H., Rebah, F., Msilini, N., Chebbi, M., Aarouf, J., ... & Lachaal, M. (2014). Salt stress mitigation by seed priming with UV-C in lettuce plants: Growth, antioxidant activity and phenolic compounds. *Plant Physiology and Biochemistry*, 83, 126-133.
- Ripoll, J., Bertin, N., Bidel, L. P., & Urban, L. (2016). A user's view of the parameters derived from the induction curves of maximal chlorophyll a fluorescence: perspectives for analyzing stress. *Frontiers in plant science*, 7, 1679.
- Urban, L., Charles, F., de Miranda, M. R. A., & Aarouf, J. (2016). Understanding the physiological effects of UV-C light and exploiting its agronomic potential before and after harvest. *Plant Physiology and Biochemistry*, 105, 1-11.
- Campa, C., Urban, L., Mondolot, L., Fabre, D., Roques, S., Lizzi, Y., ... & Etienne, H. (2017). Juvenile coffee leaves acclimated to low light are unable to cope with a moderate light increase. *Frontiers in plant science*, 8, 1126.
- Urban, L., Aarouf, J., & Bidel, L. P. (2017). Assessing the effects of water deficit on photosynthesis using parameters derived from measurements of leaf gas exchange and of chlorophyll a fluorescence. *Frontiers in plant science*, 8, 2068.
- Fgaier, S., de Almeida Lopes, M. M., de Oliveira Silva, E., Aarouf, J., & Urban, L. (2019). Xenon lamps used for fruit surface sterilization can increase the content of total flavonols in leaves of *Lactuca sativa* L. without any negative effect on net photosynthesis. *Plos one*, 14(10), e0223787.
- Aarouf, J., & Urban, L. (2020). Flashes of UV-C light: An innovative method for stimulating plant defences. *PLoS One*, 15(7), e0235918.
- Ledermann, L., Daouda, S., Gouttesoulard, C., Aarouf, J., & Urban, L. (2021). Flashes of UV-C light stimulate defenses of *Vitis vinifera* L. 'Chardonnay' against *Erysiphe necator* in greenhouse and vineyard conditions. *Plant Disease*, 105(8), 2106-2113.
- Urban, L., Lauri, F., Ben Hdech, D., & Aarouf, J. (2022). Prospects for increasing the efficacy of plant resistance inducers stimulating salicylic acid. *Agronomy*, 12(12), 3151.
- Fgaier, S., Aarouf, J., Lopez-Lauri, F., Lizzi, Y., Poiroux, F., & Urban, L. (2023). Effect of high salinity and of priming of non-germinated seeds by UV-C light on photosynthesis of lettuce plants grown in a controlled soilless system. *Frontiers in plant science*, 14, 1198685.

Pons, C., Mas-Normand, L., Chevallier, O., Aarrouf, J., Urban, L., & Lugan, R. (2024). Priming for drought resistance: UV-C flashes triggered pipecolate accumulation and dehydration avoidance in *Capsicum chinense* Jacq. but induced no growth or metabolic costs. *Environmental and Experimental Botany*, 226, 105873.

Aarrouf, J., Chantelot, E., Coutant, J., Lauri, F., Gouttesoulard, C., Ledermann, L., ... & Urban, L. (2024). Les flashes de lumière UV-C stimulent les défenses des plantes contre l'oïdium. *Innovations Agronomiques*, 94, 173-185.

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