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Publications List

This document contains a sampling of recent publications that reference LI-COR instrumentation and software. This list is provided for informational purposes only, and LI-COR neither endorses, nor makes any express or implied warranties with respect to any data included in these publications.

- Ahn, M. G., D. S. Kim, S. R. Ahn, H. S. Sim, S. Kim and S. K. Kim (2021). "Characteristics and Trends of Strawberry Cultivars throughout the Cultivation Season in a Greenhouse." *Horticulturae* 7(2): 30.
- Ahn, M. G., D. S. Kim, S. R. Ahn, H. S. Sim, S. Kim and S. K. Kim (2021). Characteristics and Trends of Strawberry Cultivars throughout the Cultivation Season in a Greenhouse. *Horticulturae* 2021, 7, 30, s Note: MDPI stays neutral with regard to jurisdictional claims in published
- An, S., H. J. Lee, H. S. Sim, S. R. Ahn, S. T. Kim and S. K. Kim (2021). "Profiles of Environmental Parameters in a Plant Factory with Artificial Lighting and Evaluation on Growth of Cucumber Seedlings." *Journal of Bio-Environment Control* 30(2): 126-132.
- Bartucca, M. L., D. Del Buono, E. Ballerini, P. Benincasa, B. Falcinelli and M. Guiducci (2020). "Effect of light spectrum on gas exchange, growth and biochemical characteristics of einkorn seedlings." *Agronomy* 10(7): 1042.
- Bayley, D. (2020). Controlled Environment Production of Romaine Lettuce (*Lactuca sativa*) PhD Thesis.
- Boubekri, M., J. Lee, P. MacNaughton, M. Woo, L. Schuyler, B. Tinianov and U. Satish (2020). "The impact of optimized daylight and views on the sleep duration and cognitive performance of office workers." *International journal of environmental research and public health* 17(9): 3219.
- Callaghan, J. and M. Jones (2020). Development of Rapid Propagation Systems for *Hemerocallis* sp.(Daylilies) PhD Thesis.
- de León, S. G., O. Briones, A. Aguirre, K. Mehltreter and B. Pérez-García (2021). "Germination of an invasive fern responds better than native ferns to water and light stress in a Mexican cloud forest." *Biological Invasions*: 1-13.
- Di Nezio, F., C. Beney, S. Roman, F. Danza, A. Buetti-Dinh, M. Tonolla and N. Storelli (2021). "Anoxygenic photo-and chemo-synthesis of phototrophic sulfur bacteria from an alpine meromictic lake." *FEMS microbiology ecology* 97(3): fiab010.
- Gris, B., L. Treu, R. M. Zampieri, F. Caldara, C. Romualdi, S. Campanaro and N. La Rocca (2020). "Microbiota of the Therapeutic Euganean Thermal Muds with a Focus on the Main Cyanobacteria Species." *Microorganisms* 8(10): 1590.
- Hasenleitner, M. and K. Plaetzer (2020). "In the Right Light: Photodynamic Inactivation of Microorganisms using a LED-based illumination device tailored for the Antimicrobial Application." *Antibiotics* 9(1): 13.
- Huber, M., N. M. Nieuwendijk, C. K. Pantazopoulou and R. Pierik (2021). "Light signalling shapes plant–plant interactions in dense canopies." *Plant, Cell & Environment* 44(4): 1014-1029.
- Knez, Š., M. Narat and J. Ogorevc (2021). "Regulatorna vloga TLR10 v vnetnem odzivu celic pljučnega epiteliija ob imunostimulaciji z dvoverižno RNA." *Bi (o) znanosti?*: 126.
- Kohler, A. E. (2020). Influence of Daily Light Integral, Light Quality, and Root-Zone Temperature on Young Plant Production, Michigan State University.
- Kohler, A. E. and R. G. Lopez (2021). "Daily Light Integral Influences Rooting of Herbaceous Stem-tip Culinary Herb Cuttings." *HortScience* 56(4): 431-438.
- Kohler, A. E. and R. G. Lopez (2021). "Duration of light-emitting diode (LED) supplemental lighting providing far-red radiation during seedling production influences subsequent time to flower of long-day annuals." *Scientia Horticulturae* 281: 109956.
- Lanoue, J., J. Zheng, C. Little, B. Grodzinski and X. Hao (2021). "Continuous Light Does Not Compromise Growth and Yield in Mini-Cucumber Greenhouse Production with Supplemental LED Light." *Plants* 10(2): 378.
- Liu, Z., L. An, S. Lin, T. Wu, X. Li, J. Tu, F. Yang, H. Zhu, L. Yang and Y. Cheng (2020). "Comparative physiological and transcriptomic analysis of pear leaves under distinct training systems." *Scientific reports* 10(1): 1-15.
- Llewellyn, D., S. Golem, E. Foley, S. Dinka, M. Jones and Y. Zheng (2021). "Cannabis yield increased proportionally with light intensity, but additional ultraviolet radiation did not affect yield or cannabinoid content."

- McClain, A. M. and T. D. Sharkey (2020). "Building a better equation for electron transport estimated from Chl fluorescence: accounting for nonphotosynthetic light absorption." *The New phytologist* 225(2): 604.
- McKenzie-Gopsill, A. G., S. Amirsadeghi, S. Fillmore and C. J. Swanton (2020). "Duration of weed presence influences the recovery of photosynthetic efficiency and yield in common bean (*Phaseolus vulgaris* L.)." *Frontiers in Agronomy* 2: 24.
- McKinney, D. (2020). *Characterizing Acclimation of Pansy and Petunia to CO₂ Enrichment for Controlled Environment Production* PhD Thesis, Colorado State University.
- Moher, M., D. Llewellyn, M. Jones and Y. Zheng (2021). "High Light Intensities Can Be Used to Grow Healthy and Robust Cannabis Plants During the Vegetative Stage of Indoor Production."
- Monthony, A. S., S. Bagheri, Y. Zheng and A. M. P. Jones (2021). "Flower power: floral reversion as a viable alternative to nodal micropropagation in *Cannabis sativa*." *In Vitro Cellular & Developmental Biology-Plant*: 1-13.
- Morrison, V. R., D. Llewellyn and Y. Zheng (2021). "Cannabis Yield, Potency, and Leaf Photosynthesis Respond Differently to Increasing Light Levels in an Indoor Environment."
- Rodriguez Morrison, V. (2021). *Lighting Strategies for the Flowering Stage of Indoor Cannabis Production* PhD Thesis, *Frontiers in Plant Science*.
- Rodriguez-Morrison, V., D. Llewellyn and Y. Zheng (2021). "Cannabis yield, potency, and leaf photosynthesis respond differently to increasing light levels in an indoor environment." *Frontiers in plant science* 12: 456.
- Rosniza, K., Y. S. P. Winnie, S. Ajit, Y. L. Joshua, A. M. Farahzety and S. Zulhazmi "Evaluation of Growth and Quality of Purple Red Brassica Influenced by Different LED Wavelengths in Indoor Vertical Farming." *Emerging Trends of Plant Physiology in Changing Environment*: 36.
- Song, Y., Q. Duan, Y. Feng, E. Zhang, J. Wang and S. Niu (2020). "Solar infrared radiation towards building energy efficiency: measurement, data, and modeling." *Environmental Reviews* 28(4): 457-465.
- Zorz, J., W. D. L. Richardson, A. Laventure, M. Haines, E. Cieplechowicz, A. Aslani, A. Vadlamani, J. Bergerson, G. C. Welch and M. Strous (2021). "Light manipulation using organic semiconducting materials for enhanced photosynthesis." *Cell Reports Physical Science* 2(4): 100390.
- 안세웅, 이혜진, 심하선, 안수란, 김성태 and 김성겸 (2021). "인공광 이용 식물공장형 육묘시스템의 환경 프로파일 및 오이 생장 평가." *생물환경조절학회지 (구 시설원예 · 식물공장)* 30(2): 126-132.



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