

古在豊樹 千葉大学名誉教授業績リスト

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1.3. Research and review articles published in *Acta Horticulturae* (ISHS proceedings) 国際園芸学会シンポジウム報告論文 (2020.11現在)

著者名 Author	タイトル Title	DOI	URL	ISBN	発行年 Year	巻 Volume	サブタイトル Subtitle	掲載ページ Pages
Kozai, T., Hayashi, E. and Amagai, Y.	Plant factories with artificial lighting (PFALs) toward sustainable plant production	10.17660/ActaHortic.2020.1273.34	https://www.actahort.org/books/1273/1273_34.htm	9789462612716	2020	1273	XXX International Horticultural Congress IHC2018: II International Symposium on Soilless Culture and VIII International Symposium on Seed, Transplant and Stand Establishment of Horticultural Crops	251-260
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Kozai, T., Ohyama, K., Tong, Y., Thongbai, P. and Nishioka, N.	Integrative environmental control using heat pumps for reductions in energy consumption and CO ₂ gas emission, humidity control and air circulation	10.17660/ActaHortic.2011.893.43	https://www.actahort.org/books/893/893_43.htm	9789066050471	2011	893	International Symposium on High Technology for Greenhouse Systems: GreenSys2009	445-452
Ohyama, K., Kozai, T. and Toida, H.	Greenhouse cooling with continuous generation of upward-moving fog for reducing wetting of plant foliage and air temperature fluctuations: a case study	10.17660/ActaHortic.2008.797.45	https://www.actahort.org/books/797/797_45.htm	9789066055810	2008	797	International Workshop on Greenhouse Environmental Control and Crop Production in Semi-Arid Regions	321-326
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Ohyama, K., Kozai, T., Ishigami, Y., Ohno, Y., Toida H. and Ochi, Y.	A CO ₂ control system for a greenhouse with a high ventilation rate	10.17660/ActaHortic.2005.691.79	https://www.actahort.org/books/691/691_79.htm	9789066050303	2005	691	International Conference on Sustainable Greenhouse Systems-Greensys2004	649-654
Kozai, T., Chun, C. and Ohyama, K.	Closed systems with lamps for commercial production of transplants using minimal resources	10.17660/ActaHortic.2004.630.30	https://www.actahort.org/books/630/630_30.htm	9789066054974	2004	630	XXVI International Horticultural Congress: Nursery Crops: Development, Evaluation, Production and Use	239-254
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Bostick, W.M., Kubota, C., Abdel-Ghany, A.M. and Kozai, T.	A preliminary experiment to simulate evapotranspiration rate of plug transplant trays in a closed transplant production system	10.17660/ActaHortic.2002.578.43	https://www.actahort.org/books/578/578_43.htm	9789066059054	2002	578	International Symposium on Design and Environmental Control of Tropical and Subtropical Greenhouses	345-350
Zobayed, S.M.A., Afreen, F. and Kozai, T.	Quality biomass production via photoautotrophic micropropagation	10.17660/ActaHortic.2000.530.44	https://www.actahort.org/books/530/530_44.htm	9789066059924	2000	530	International Symposium on Methods and Markers for Quality Assurance in Micropropagation	377-386
Shibuya, T., Nakahara, M. and Kozai, T.	Development of an automatic watering system for plug seedling production with estimation of evapotranspiration by weighing	10.17660/ActaHortic.2000.519.2	https://www.actahort.org/books/519/519_2.htm	9789066058330	2000	519	XXV International Horticultural Congress, Part 10: Computers and Automation, Electronic Information in Horticulture	37-42
Kubota, C. and Kozai, T.	Development of a mathematical model for vegetative propagation: Simulated sweetpotato cutting production as affected by propagation methods and environmental conditions	10.17660/ActaHortic.2000.519.5	https://www.actahort.org/books/519/519_5.htm	9789066058330	2000	519	XXV International Horticultural Congress, Part 9: Computers and Automation, Electronic Information in Horticulture	65-72
Chun, C., Kozai, T., Kubota, C. and Okabe, K.	Manipulation of bolting and flowering in spinach (<i>Spinacia Oleracea L.</i>) transplant production system using artificial light	10.17660/ActaHortic.2000.515.25	https://www.actahort.org/books/515/515_25.htm	9789066057937	2000	515	XXV International Horticultural Congress, Part 5: Culture Techniques with Special Emphasis on Environmental Implications	201-206
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Heo, J. W., Kubota, C. and Kozai, T.	Effects of CO ₂ concentration, PPFD and sucrose concentration on <i>Cymbidium</i> plantlet growth <i>in vitro</i>	10.17660/ActaHortic.1996.440.98	https://www.actahort.org/books/440/440_98.htm	9789066058880	1996	440	International Symposium on Plant Production in Closed Ecosystems	560-565
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Niu, G., Kozai, T. and Mikami, H.	Simulation of the effects of photoperiod and light intensity on the growth of potato plantlets cultured photoautotrophically <i>in vitro</i>	10.17660/ActaHortic.1996.440.109	https://www.actahort.org/books/440/440_109.htm	9789066058880	1996	440	International Symposium on Plant Production in Closed Ecosystems	622-627
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Kitaya, Y., Sakami, K. and Kozai, T.	Development of photoautotrophic plant tissue culture system using CO ₂ from Shiitake mushroom	10.17660/ActaHortic.1995.393.23	https://www.actahort.org/books/393/393_23.htm	9789066054769	1995	393	Environmental Effects and their Control in Plant Tissue Culture	195-202
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Kozai, T., Kino, S., Jeong, B.R., Kinowaki, M., Ochiai M., Hayashi, M. and Mori, K.	A sideward lighting system using diffusive optical fibers for production of vigorous micropropagated plantlets	10.17660/ActaHortic.1992.319.35	https://www.actahort.org/books/319/319_35.htm	9789066052055	1992	319	International Symposium on Transplant Production Systems	237-242
Kirdmanee, C., Kubota, C., Jeong, B.R. and Kozai, T.	Photoautotrophic multiplication of Cymbidium protocorm-like bodies	10.17660/ActaHortic.1992.319.36	https://www.actahort.org/books/319/319_36.htm	9789066052055	1992	319	International Symposium on Transplant Production Systems	243-248
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Kozai, T.	Thermal performance of a solar greenhouse with an underground heat storage system	10.17660/ActaHortic.1989.257.20	https://www.actahort.org/books/257/257_20.htm	9789066050549	1989	257	Energy Conservation and Solar Energy Utilization in Horticultural Engineering	169-182
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Kozai, T., Kubota, C. and Watanabe, I.	Effects of basal medium composition on the growth of carnation plantlets in auto- and mixo-trophic tissue culture	10.17660/ActaHortic.1988.230.17	https://www.actahort.org/books/230/230_17.htm	9789066052932	1988	230	Symposium on High Technology in Protected Cultivation	159-166
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Kozai, T.	Ideas of greenhouse climate control based on knowledge engineering techniques	10.17660/ActaHortic.1985.174.48	https://www.actahort.org/books/174/174_48.htm	9789066051324	1985	174	Symposium Greenhouse Climate and its Control	365-374
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Kurata, K., Takakura, T., Kozai, T. and le Mahieu, M.J.	A greenhouse climate simulator for testing greenhouse computers Part 2: Operation test of thermal screens	10.17660/ActaHortic.1985.174.56	https://www.actahort.org/books/174/174_56.htm	9789066051324	1985	174	Symposium Greenhouse Climate and its Control	419-424
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Kozai, T., Sase, S. and Nara, M.	A modelling approach to greenhouse ventilation control	10.17660/ActaHortic.1980.106.15	https://www.actahort.org/books/106/106_15.htm		1980	106	Symposium on computers in Greenhouse Climate Control	125-136
Kozai, T. and Sase, S.	A simulation of natural ventilation for a multi-span greenhouse	10.17660/ActaHortic.1978.87.3	https://www.actahort.org/books/87/87_3.htm		1978	87	Symposium on Potential Productivity in Protected Cultivation	39-50