

Maurizio Lambardi è autore o co-autore di oltre 130 pubblicazioni (h-index SCOPUS = 7)

Recenti pubblicazioni internazionali (dal 2004 in avanti)

Riviste con Comitato di Redazione Internazionale (con Impact Factor)

1. LAMBARDI M., DE CARLO A., BIRICOLTI S., PUGLIA A.M., LOMBARDO G., SIRAGUSA M. and DE PASQUALE F., 2004. Zygotic and nucellar embryo survival following dehydration/cryopreservation of *Citrus* intact seeds. *Cryo-Letters* 25(2): 81-90. **(IF 1.14)**
2. LAMBARDI M., DE CARLO A., CAPUANA M., 2005. Cryopreservation of embryogenic callus of *Aesculus hippocastanum* L. by vitrification/one-step freezing. *Cryo-Letters* 26 (3): 185-192. **(IF 1.14)**
3. OZDEN-TOKATLI Y., OZUDOGRU E.A., GUMUSEL F. AND LAMBARDI M., 2007. Cryopreservation of *Pistacia* spp. seeds by dehydration and one-step freezing. *CryoLetters* 28: 83-94. **(IF 1.14)**
4. OZDEN-TOKATLI Y., DE CARLO A., GUMUSEL F., PIGNATTELLI S. and LAMBARDI M., 2008. Development of encapsulation techniques for the production and conservation of synthetic seeds in ornamental plants. *Prop. Orn. Plants* 8(1):13-16. **(IF 0.17)**
5. PREVIATI A., BENELLI C., DA RE F., OZUDOGRU E.A. and LAMBARDI M., 2008. Micropropagation and *in vitro* conservation of virus-free rose germplasm. *Prop. Orn. Plants* 8(2): 93-98. **(IF 0.17)**
6. TSVETKOV I., BENELLI C., CAPUANA M., DE CARLO A. and LAMBARDI M., 2009. Application of vitrification-derived cryotechniques for long-term storage of poplar and aspen (*Populus* spp.) germplasm. *Agr. Food Sci.* 18: 160-166. **(IF 0.70)**
7. WANG Q.C., PANIS B., ENGELMANN F., LAMBARDI M. and VALKONEN J.P.T., 2009. Cryotherapy of shoot tips: a technique for pathogen eradication to produce healthy planting materials and prepare healthy plant genetic resources for cryopreservation. *Ann. Appl. Biol.* 154(3): 351-363. **(IF 1.87)**
8. CARLOZZI P. and LAMBARDI M., 2009. Fed-batch operation for bio-H₂ production by *Rhodospseudomonas palustris* (strain 42 OL). *Renewable Energy* 34:2577-2584. **(IF 1.21)**
9. OZUDOGRU E.A., CAPUANA M., KAYA E., PANIS B. and LAMBARDI M., 2009. Cryopreservation of *Fraxinus excelsior* L. embryogenic callus by one-step freezing and slow cooling techniques. *CryoLetters* 31:63-75. **(IF 1.14)**
10. OZUDOGRU E.A., OZDEN-TOKATLI Y., GUMUSEL F., BENELLI C. and LAMBARDI M., 2009. Cryopreservation for the safeguard of Turkish peanut germplasm. *CryoLetters* 30(1): 87-88. **(IF 1.14)**
11. CARLOZZI P., PINTUCCI C., PICCARDI R., BUCCIONI A., MINIERI S. and LAMBARDI M., 2010. Green energy from *Rhodospseudomonas palustris* grown under fed-batch operational conditions. *Biotechnol Lett.* 32: 477-481. **(IF 1.60)**
12. LAMBARDI M., DE CARLO A., GERMANA' M.A., CAPUANA M. and OZUDOGRU E.A., 2010. Cryopreservation of *Citrus* germplasm: considerations on a case-study. *CryoLetters* 31:88 (abstract). **(IF 1.14)**
13. AMIRKHANI M., LAMBARDI M., MESDAGHI M., MASHAYEKHI K. and OZUDOGRU E.A. (2010) In vitro morphogenesis and plant regeneration from seed- and leaf-derived calli of four *Agropyron* species. *Propagation of Ornamental Plants*, 10(2), 99-106. **(IF 0.17)**
14. GANINO A., SILVANINI D., BEGHÈ C., BENELLI C., LAMBARDI M. and FABBRI A., 2011. Anatomy and osmometric studies of the *Vitis* rootstock shoot tips recalcitrant to cryopreservation. *Biologia Plantarum*. *In press.* **(IF 1.43)**
15. LYNCH P.T., SIDDIKA A., JOHNSTON J.W., TRIGWELLA S.M., MEHRAA A., BENELLI C., LAMBARDI M. and BENSON E.E., 2011. Effects of Osmotic Pretreatments on Oxidative Stress, Antioxidant Profiles and Cryopreservation of Olive Somatic Embryos. *Plant Science*. *In press.* **(IF 1.97)**

Riviste con refe raggio e comitato di redazione internazionale

16. LAMBARDI M., RONCASAGLIA R., PREVIATI A., DE CARLO A., DRADI G., DA RE F. and CALAMAI L., 2006. In vitro slow growth storage of fruit rootstocks inside gas-tight or gas-permeable containers. *Acta Hort.* 725: 483-488.

17. LAMBARDI M., BENELLI C., DE CARLO A., PREVIATI A., DA RE F., GIANNINI M., 2006. Biotechnologies for the preservation of selected red chicory (*Cichorium intybus* L.) lines. *Acta Hort.* 725: 311-318.
18. LAMBARDI M., HALMAGYI A., BENELLI C., DE CARLO A. and VETTORI C., 2007. Seed cryopreservation for conservation of ancient Citrus germplasm. *Adv. Hort. Sci.* 21(4):198-202.
19. LYNCH P.T., SIDDIKA A., MEHRA A., FABBRI A., BENELLI C. and LAMBARDI M., 2007. The challenge of successful cryopreservation of olive (*Olea europaea* L.) shoot tips. *Adv. Hort. Sci.* 21(4):211-214.
20. OZUDOGRU E.A., OZDEN-TOKATLI Y., GUMUSEL F., BENELLI C. and LAMBARDI M., 2007. The current status of plant genetic diversity in Turkey and implications for cryopreservation studies. *Adv. Hort. Sci.* 21(4):239-243.
21. CARLOZZI P., LAMBARDI M., PUSHPARAJ B., PICCARDI R., SACCHI A., 2008. Indoor and outdoor photobiological hydrogen production by *Rhodospseudomonas palustris*, strain 42OL. *Current Topics in Biotechnology* 4: 93-100.
22. OZUDOGRU E.A., OZDEN-TOKATLI Y., GUMUSEL F., BENELLI C., LAMBARDI M., 2009. Development of a cryopreservation procedure for peanut (*Arachis hypogaea* L.) embryonic axes and its application to local Turkish germplasm. *Adv. Hort. Sci.* 23(1):41-48.
23. LAMBARDI M., BENELLI C., DE CARLO A., PREVIATI A. 2009. Advances in the cryopreservation of fruit plant germplasm at the CNR-IVALSA institute of Florence. *Acta Hort.* 839:237-243..
24. JEVREMOVIC S., BENELLI C., DE CARLO A., SUBOTIC A., LAMBRDI M., 2011. Development of cryopreservation procedures for dwarf irises (*Iris* spp.). *Acta Hort. In press.*
25. LAMBARDI M., BENELLI C., DE CARLO A., OZUDOGRU E.A., PREVIATIA. and ELLIS D., 2011. Cryopreservation of Ancient Apple Cultivars of Veneto: A Comparison Between PVS2-Vitrification and Dormant Bud Techniques. *Acta Hort. In press.*

Capitoli di libri

26. HALMAGYI A and LAMBARDI M, 2006. Cryopreservation of carnation (*Dianthus caryophyllus* L.). In: Teixeira da Silva JA (Ed) Floriculture, Ornamental and Plant Biotechnology: Advances and Topical Issues, Global Science Books, pp. 415-423.
27. LAMBARDI M., BENELLI C., OZUDOGRU A. and OZDEN-TOKATLI Y., 2006. Synthetic seed technology in ornamental plants. In: Teixeira da Silva JA (Ed) Floriculture, Ornamental and Plant Biotechnology: Advances and Topical Issues, Global Science Books, pp. 347-354.
28. LAMBARDI M., OZUDOGRU A.E. and BENELLI C., 2007. Cryopreservation of embryogenic callus. In: Reed B. (eds) Plant Cryopreservation: A Practical Guide. Springer, Berlin, pp. 177-210.
29. FABBRI A., LAMBARDI M. and OZDEN-TOKATLI Y., 2007. Olive breeding. In: Jain M. and Priyadarshan M. (eds) Breeding Tropical Tree Crops. Springer, Berlin, pp. 423-465.
30. LAMBARDI M., 2009. La crioconservazione per la tutela della biodiversità vegetale. *Atti Accademia dei Georgofili, Serie VIII, Vol. 5, Tomo II*, pp. 199-217.
31. OZUDOGRU E.A., PREVIATI A. and LAMBARDI M., 2010. *In vitro* conservation and cryopreservation of ornamental plants. In: S.M. Jain and S.J. Ochatt (eds) Protocols for In Vitro Propagation of Ornamental Plants. *Methods in Molecular Biology*, vol. 589. Humana Press-Springer, New York, pp. 303-324.
32. DE CARLO A., LAMBARDI M. and OZUDOGRU A.E., 2011. Cryogenic technologies for the long-term storage of *Citrus* germplasm. In: Yeung E. and Thorpe T.A. (eds) Plant Embryo Culture: Methods and Protocols. *Methods in Molecular Biology*, vol. 710. Springer, pp. 185-200.

Comunicazioni a Congressi con Comitato di Redazione Internazionale e pubblicazione del lavoro esteso negli Atti

33. PANIS B. and LAMBARDI M., 2006. Status of cryopreservation technologies in plants (crops and forest trees). In: Ruane J. and Sonnino A. (eds) The Role of Biotechnology in Exploring and Protecting Agricultural Genetic Resources. FAO, Rome, pp. 61-78.

34. NISI R., BEGHÈ D., BENELLI C., GANINO T., LAMBARDI M. and FABBRI A., 2006. Cryopreservation of olive germplasm by shoot-tip vitrification. Proc. "2nd Int. Seminar OLIVEBIOTEQ 2006", Vol I. Marsala – Mazara del Vallo, Italy, pp. 449-452.
35. LAMBARDI M., BENELLI C., OZDEN-TOKATLI Y., OZUDOGRU E.A. and GUMUSEL F., 2006. A novel approach to olive micropropagation: the temporary immersion system. Proc. "2nd Int. Seminar OLIVEBIOTEQ 2006", Vol I. Marsala – Mazara del Vallo, Italy, pp. 319-326

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36. FABBRI A., GANINO T., LAMBARDI M. and NISI R., 2007. Crioconservazione di gemme di portinnesto Kober 5BB (Vitis Berlandieri x Vitis riparia): aspetti anatomici. ITALUS HORTUS. vol. 14 (3): pp. 82-86. (ISSN: 1127-3496)
37. LAMBARDI M. and BENELLI C., 2007. La crioconservazione per la tutela del germoplasma delle specie arboree. Frutticoltura 6: 34-39.
38. LAMBARDI M., 2009. La crioconservazione per la tutela della biodiversità vegetale. Atti della Accademia dei Georgofili, Serie VIII Vol. 5, Tomo II, pp. 199-217.
39. LAMBARDI M. and DE CARLO A., 2009. Tecniche ed applicazioni della criogenia alla conservazione ed al risanamento di germoplasma vegetale. Italus Hortus 16(1): 79-98.
40. LAMBARDI M., 2009. La ricerca in micropropagazione produce innovazione? Italus Hortus 16(2): 25-31.
41. DE CARLO A., BENELLI C. and LAMBARDI M., 2009. La micropropagazione per la salvaguardia della biodiversità vegetale: esperienze condotte presso il CNR-IVALSA. Italus Hortus 16(2): 175-179.
42. RONCASAGLIA R., BENELLI C., DE CARLO A., DRADI G., LAMBARDI M. and OZUDOGRU E.A., 2009. Fattori che influiscono sulla conservazione in crescita rallentata di specie da frutto. Italus Hortus 16(2): 234-238.
43. OZUDOGRU E.A., OZDEN-TOKATLI Y., GUMUSEL F. and LAMBARDI M., 2009. Micropropagazione di *Arachis hypogaea* mediante coltura liquida in immersione temporanea. Italus Hortus 16(2): 282-285.

Attività editoriale

- FABBRI A., BARTOLINI G., LAMBARDI M., KAILIS S.G., 2004. OLIVE PROPAGATION MANUAL. CSIRO Publ., Australia, pp. 130
- LAMBARDI M., BENELLI C. (Editors), 2007. CryoPlanet, COST Action 871, 1st Meeting of Working Group 2. Abstract Book and CD. CNR-IVALSA, Firenze, pp. 68.
- LAMBARDI M., BENELLI C., RINALDELLI E., SILORI C. (Editors), 2007. Special Issue on Technology, Application and Validation of Plant Cryopreservation. Adv. Hort. Sci. 21(4), pp. 189-292.
- LAMBARDI M., CAPUANA M., DE CARLO A. (Editori), 2009. La Micropropagazione in Italia: Stato Attuale e Prospettive Future". Atti del Convegno Nazionale, Legnaro (PD), 20-21 novembre 2008. Italus Hortus 16(2), pp. 322.