

BIBLIOGRAFIA

- ABBATE V., NOTO G., 1981 – Variabilità ambientale e genotipica in popolazioni siciliane di *Cynara scolymus* L. ed isolamento di nuovi cloni di Violetto di Sicilia – Atti III Congresso Internazionale di Studi sul Carciofo, 843-852, Bari. Ed. Laterza, Bari.
- ABBATE V., COSENTINO S. L., LOMBARDO G. M., MAUROMICALE G., 2006 – Biodiversità nei sistemi colturali erbacei – Atti del VII Congresso Nazionale sulla Biodiversità. *Italus Hortus*, 13: 53-69.
- ABDEL-AL ZIDAN E., KHALF-ALLAH A.M., EL-SHAL M.A., EL-ADGEHAM F.A., 1976 – An attempt to determine the base temperature required for calculation the accumulated heat units of globe artichoke. – Atti II Congresso Internazionale sul Carciofo, 317-320. Edizioni Minerva Medica, Torino.
- ACQUADRO A., PORTIS E., LANTERI S., 2003 – Isolation of microsatellite loci in artichoke (*Cynara cardunculus* L. var. *scolymus* L.) – *Mol. Ecol. Notes*, 3: 37-39.
- ACQUADRO A., PORTIS E., ALBERTINI E., LANTERI S., 2005a – M-AFLP based protocol for microsatellite loci isolation in *Cynara cardunculus* L. (Asteraceae) – *Mol. Ecol. Notes*, 5: 272-274.
- ACQUADRO A., PORTIS E., LEE D., DONINI P., LANTERI S., 2005b – Development and characterisation of microsatellite markers in *Cynara cardunculus* L. – *Genome*, 48: 217-225.
- ACQUADRO A., PORTIS E., MOGLIA A., COMINO C., LANTERI S., 2005 – Retrotransposon diversity in artichoke and cardoon (*Cynara cardunculus* L) as revealed by S-SAP profiling – Proceedings of the International Workshop “The role of biotechnology for the characterisation and conservation of crop, forestry, animal and fisher genetic resources”: 143-144.
- ACQUADRO A., PORTIS E., MOGLIA A., MAGURNO F., LANTERI S., 2006 – Retrotransposon based S-SAP as a platform for the analysis of genetic variation and linkage in globe artichoke – *Genome*, 49: 1149-1159.
- ACQUADRO A., FALVO S., MILA S., ALBO AG., COMINO C., MOGLIA A., LANTERI S., 2009a – Proteomics in globe artichoke: Protein extraction and sample complexity reduction by PEG fractionation – *Electrophoresis*, 30: 1594-1602.
- ACQUADRO A., LANTERI S., SCAGLIONE D., ARENS P., VOSMAN B., PORTIS E., 2009b – Genetic mapping and annotation of genomic microsatellites isolated from globe artichoke – *Theor. Applied. Genet.*, 118: 1573-1587.

- AGGARWAL R.K., BRAR D.S., NANDI S., HUANG N., KHUSH G.S., 1999 - Phylogenetic relationships among *Oryza* species revealed by AFLP markers - Theor Appl Genet 98: 1320-1328.
- AJMONE-MARSAN P., VALENTINI A., CASSANDRO M., VECCHIOTTI-ANTALDI G., BERTONI G., KUIPER M., 1997 - AFLP (TM) markers for DNA fingerprinting in cattle. - Anim Genet 28 (6): 418-426.
- AKERMAN S., TAMMISOLA J., REGINA M., KAUPPINEN V., & LAPINIJOKI S., 1996 - Segregation of AFLP markers in *Betula pendula* (Roth). - Forest Gen. 3: 117-123.
- AKOPYANZ N., BUKANOV N. O., WESTBLOM T. U., BERG D. E., 1992 – PCR-based RFLP analysis of DNA sequence diversity in the gastric pathogen *Helicobacter pylori* – Nucleic Acids Res., 252: 1651-1656.
- ALBERTINI E., PORCEDDU A., MARCONI G., BARCACCIA G., PALLOTTINI L., FALCINELLI M., 2003 – Microsatellite-AFLP for genetic mapping of complex polyploids – Genome, 46: 824-832.
- ANCORA G., 1988. Globe artichoke (*Cynara scolymus* L.). In: Biotechn. Ag. and Forestry, Vol. 2, Crops I. Edited by Y.P.S. Badaj, Springer Verlang Berlin, Heidelberg. p. 471–519.
- ANDERSON J.A., CHURCHILL G.A., AUTRIQUE J.E., TANKSLEY S.D., SORRELLS M.E., 1993 – Optimizing parental selection for genetic-linkage maps. – Genome 36: 181-186.
- ANDERSSON S., 1999 - The Cost of Floral Attractants in *Achillea ptarmica* (Asteraceae): Evidence from a Ray Removal Experiment - Plant Biology, 5: 569-572
- ANESE M., SINIGAGLIA M., DI FABIO G., BRUNO F., MASSERI R., 1998 – Shelf life extension of minimally processed artichokes using combined technologies – Atti Workshop Cost 914 – Cost 915, 1997, Bologna, pp. 7-14.
- ARENS P., COOPS H., JANSEN J., VOSMAN B., 1998 - Molecular genetic analysis of black poplar (*Populus nigra* L.) along Dutch rivers. - Mol Ecol 7 (1): 11-18.
- ARROYO MARY T.K., MUÑOZ MARÍA S., HENRÍQUEZ C., TILL-BOTTRAUD I., FERNÀNDA P., 2006 - Erratic pollination, high selfing levels and their correlates and consequences in an altitudinally widespread above-tree-line species in the high Andes of Chile - Acta Oecol , 30: 248-257.
- BAGGIO M.I., PALLA F., BOSCARDIN D.S., MANTOVANI N., GRANDO M.F., AUGUSTIN L., SUZIN M., DONIDA B., LOMBARDO S., MAUROMICALE G., 2011 – Floral biology of globe artichoke (*Cynara cardunculus* var. *scolymus*) “Nobre-UPF”, a brazilian cultivar – Acta Hort. in press.

- BARBAGALLO R. N., CHISARI M., SPAGNA G., IERNA A., PATANÈ A., OCCHIPINTI A., MAUROMICALE G., 2007 - Caseinolytic activity expression in flowers of *Cynara cardunculus* L. - *Acta Hortic.*, 730: 195–200.
- BARCACCIA G., ALBERTINI E., TAVOLETTI S., FALCINELLI M., VERONESI F., 1999 - AFLP fingerprinting in *Medicago* spp.: Its development and application in linkage mapping. - *Plant Breeding* 118 (4): 335-340.
- BARCACCIA G., LUCCHIN M., PARRINI P., 2000a – Analisi del genoma mediante marcatori molecolari: I. Fondamenti metodologici – *Sementi Elette*, 5: 17-34.
- BARCACCIA G., LUCCHIN M., PARRINI P., 2000b – Analisi del genoma mediante marcatori molecolari: II. Principali applicazioni – *Sementi Elette*, 5: 5-15.
- BARKER J.H.A., MATTHES M., ARNOLD G.M., EDWARDS K.J., AHMAN I., LARSSON S., KARP A., 1999 - Characterisation of genetic diversity in potential biomass willows (*Salix* spp.) by RAPD and AFLP analyses. -*Genome* 42: 173-183
- BARRENECHE T., BODENES C., STREI R., PLOMION C., ROUSSEL G., KREMER A., LEXER C., GLOSSL J., STEINKELLNER H., TRONTIN J., FAVRE M., FLUCH S., BURG K., 1998 – A genetic linkage map of *Quercus robur* L. (pedunculate oak) based on RAPD, SCAR, microsatellite, minisatellite, isozyme, and 5S rDNA markers – *Theor. Appl. Genet.*, 97: 1090–1103.
- BASNIZKI Y., 1985 – *Cynara scolymus* – In: A. H. Halevy (Ed.), *Handbook of Flowering*, Vol. 2, pp. 391-399. CRC Press, Boca Raton, FL.
- BASNIZKI Y., MAYER A. M., 1985 – Germination of *Cynara* seeds; effect of light and temperature and function of the endosperm – *Agronomie*, 5, 6: 529-532.
- BASNIZKI Y., ZOHARY D., 1987 – A seed-propagated cultivar of globe artichoke – *Hortiscience*, 22, 4: 678 – 679.
- BASNIZKI Y., GOLDSCHMIDT E. E., 1994 – Further examination of gibberellin GA₃ effects on flowering of globe artichokes (*Cynara scolymus* L.) under controlled environment and field condition – *Israel Journal of Plant Sciences*, 42: 159-166.
- BASNIZKI Y., ZOHARY D., 1994 – Breeding of seed planted artichoke – *Pl. Breed. Rev.*, 12: 253 – 269.
- BASNIZKI Y., 2007 – Growth and Ripening of Globe Artichoke Achens – *Ital. Journal Agronomie*, 4: 373-376.
- BASSAM B.J., CAETANO ANOLLES G., GRESSHOFF P.M., 1991 – Fast and sensitive Silver staining of DNA in polyacrylamide gels – *Analytic Biochemistry*, 19: 680-83.
- BEISMANN H., BARKER J.H.A., KARP A., SPECK T., 1997 - AFLP analysis sheds light on distribution of two *Salix* species and their hybrid along a natural gradient. - *Mol Eco.* 6: 989–993

- BERTIN R., GWISC G. M., 2002 - Floral sex ratios and gynomonoecy in *Solidago* (Asteraceae) - Biological Journal of the Linnean Society, 77: 413-422.
- BIANCO V. V., 1990 – Carciofo (*Cynara scolymus* L.) – In: Orticoltura, Bianco V. V., Pimpini F., Pàtron Editore, Bologna, pp. 209-247.
- BLEARS M.J., DE GRANDIS S.A., LEE H., TREVORS J.T., 1998 - Amplified fragment length polymorphism (AFLP): review of the procedure and its applications. *J Ind Microbiol Biotechnol* 21: 99–114.
- BOTSTEIN D., WHITE R. L., SKOLNICK M., DAVIS R. W., 1980 – Construction of a genetic linkage map in man using restriction fragment length polymorphism – Am. J. Hum. Genet., 32: 314-331.
- BROWN A.H.D., BRIGGS J.D., 1991 – Sampling strategies for genetic variation in ex situ collections of endangered plant species – In: D.A. Falk (Ed.), Genetics and Conservation of Rare Plants, Oxford University Press, New York, pp. 99-122.
- BROWN J., RICE-EVANS C., 1998 – Luteolin-rich artichoke extract protects low density lipoprotein from oxidation in vitro – Free Radical Res, 29 (3): 247-255.
- BURR B. M., BURR F. A., THOMPSON K. H., ALBERTSON M., STUBER C. W., 1988 – Gene mapping with recombinant inbreds in maize – Genetics, 118: 519-526.
- CADINU M., MALLICA G. M., LANTERI S., REPETTO A., FRAU A., PORTIS E., BAGHINO L., PISANU A. B., 2007 – Possibilità di rilancio per lo Spinoso sardo – Inf.tore Agr. 22: 44-46.
- CAETANO-ANOLLÉS G., BASSAM B. J., GRESSHoff P. M., 1991 – DNA amplification fingerprinting: a strategy for genome analysis – Plant Molec. Biol. Rep., 9, 4: 294- 307.
- CALABRESE N., 2004 – Situazione attuale e prospettive del carciofo. Puglia. Inft.re Agr, 52 suppl. 1, 22-24.
- CALABRESE N., DE PALMA E., BIANCO V. V., 2004 – Yield and quality of new commercial seed grown artichoke hybrids – Acta Hort, 660: 77-82.
- CASASOLI M., MATTIONI C., CHERUBINI M., VILLANI F., 2001 – A genetic linkage map of European chestnut (*Castanea sativa* Mill.) based on RAPD, ISSR, and isozyme markers – Theor. Appl. Genet., 102: 1190–1199.
- CASTIGLIONI P., AJMONE-MARSAN P., VAN WIJK R., MOTTO M., 1999 - AFLP markers in a molecular linkage map of maize: co-dominant scoring and linkage group distribution. -Theor App Genet 99: 425-431.
- CERANA M. M., 2004 – Flower morphology and pollination in *Mikania* (Asteraceae) – Flora, 199: 168-177.
- CERVERA M.T., STORME V., IVENS B., GUSMAO J., LIU B.H., HOSTYN V., SLYCHEN J.V., MONTAGU M.V., BOERJAN W., 2001 – Dense genetic linkage maps

of three populus species (*Populus deltoides*, *P. nigra* and *P. trichocarpa*) based on AFLP and microsatellite markers – Genetics, 158: 787–809.

- CIRNU I., 1988 - Artichoke (*Cynara scolymus*) and Jerusalem artichoke (*Helianthus tuberosus*) – two valuable late sources of nectar and pollen - Apic. Rom., 63: 7–8 (in Rumanian).
- CHALMERS K.J., CAMPBELL A.W., KRETSCHMER J., KARAKOUSIS A., HENSCHKE P.H., PIEREN S., HARKER N., PALLOTTA M., CORNISH G.B., SHARIFLOU M.R., RAMPLING L.R., MCLAUCHLAN A., DAGGARD G., SHARP P.J., HOLTON T.A., SUTHERLAND M.W., APPELS R., LANGRIDGE P., 2001 - Construction of three linkage maps in bread wheat, *Triticum aestivum*. - Aust J Agr Res 52 (11-12): 1089-1119.
- COART E., LAMOTE V., DE LOOSE M., VAN BOCKSTAELE E., LOOTENS P., ROLDÀN-RUIZ I., 2002 - AFLP markers demonstrate local genetic differentiation between two indigenous oak species [*Quercus robur* L. and *Quercus petraea* (Matt.) Liebl] in Flemish populations. - Theor Appl Genet 105 (2-3): 431-439.
- COLLARD B. C. Y., JAHUFER M. Z. Z., BROUWER J. B., PANG E. C. K., 2005 – An introduction to markers, quantitative trait loci (QTL) and marker-assisted selection for crop improvement: the basic concepts – Euphytica, 142: 169-196.
- GOMINHO J., FERNÀNDEZ J., PEREIRA H., 2000. *Cynara cardunculus* L. – a new fibre crop for pulp and paper production. Ind. Crops Prod., 13, 1-10.
- COMINO C., PORTIS E., ACQUADRO A., PINELLI P., HEHN A., BOURGAUD F., LANTERI S., 2007 - – Isolation of an hydroxycinnamoyltransferase involved in phenylpropanoid biosynthesis in *Cynara cardunculus* L. – Acta Horticulturae 730: 93-99.
- COMINO C., LANTERI S., PORTIS E., ACQUADRO A., ROMANI A., HEHN A., LARBAT R., BOURGAUD F., 2007 – Isolation and functional characterization of a cDNA coding a hydroxycinnamoyltransferase involved in phenylpropanoid biosynthesis in *Cynara cardunculus* L. – BMC Plant Biology, 7: 14.
- COMINO C., HEHN A., MOGLIA A., MENIN B., BOURGAUD F., LANTERI S., PORTIS E., 2009 – The isolation and mapping of a novel hydroxycinnamoyltransferase in the globe artichoke chlorogenic acid pathway – BMC Plant Biology, 7: 30.
- CONNER P., BROWN S., WEEDEN N., 1997 – Randomly amplified polymorphic DNA-based genetic linkage maps of three apple cultivars – J. Am. Soc. Hort. Sci., 122: 350–359.
- COSENTINO S., MAUROMICALE G., 1990 – Transpiration and plant water status of globe artichoke (*Cynara scolymus* L.) grown from seed and from vegetative organs with two water regimes – Acta Hort., 278: 261-270.
- COUTINHO A. X. P., 1913 – Flora de Portugal – Aillaud Alves, Lisboa.

- CURT M. D., SANCHEZ G., FERNANDEZ J., 2005 – *Cynara cardunculus* L. as a source os silymarin – Acta Hort, 681: 461-467.
- DALLAS G. F., 1988 – Detection of DNA fingerprints of cultivated rice by hybridization with a human microsatellite probe – Proc. Natl. Acad. Sci. USA, 85: 6831-6835.
- DANIEL W.W., 1978 - Applied non-parametric statistics - Houghton Mifflin, Boston, MA.
- DE CANDOLLE A., 1886 – L'origine delle piante coltivate – II Edizione, Ristampato da Hafner, New York, 1964.
- DE VOS N.E., 1992 – Artichoke production in California – HortTechnology, 2: 438-444.
- DEIDDA M., 1967 – Contributo al miglioramento genetico del carciofo – Atti I Congresso Internazionale di Studi sul Carciofo, 157-174, Bari. Ed. Minerva Media, Torino.
- DELLACECCA V., DAMIANI L., 1976 – Influenza di alcune tecniche culturali sulla precocità di produzione del carciofo (*Cynara scolymus* L.) – Atti II Congresso Internazionale Studi sul Carciofo, 389-406, Bari. Ed. Minerva Medica, Torino.
- DELLACECCA V., MAGNIFICO V., MARZI V., PORCEDDU E., SCARASCIA G. T., 1976 – Contributo alla conoscenza delle varietà di carciofo coltivate nel mondo – Atti II Congresso Internazionale Studi sul Carciofo, 199-316, Bari. Ed. Minerva Medica, Torino.
- DI VENERE D., LINSALATA V., PACE B., BIANCO V. V., PERRINO P., 2005 – Polyphenol and inulin content in a collection of artichoke – Acta Hort., 681: 453-460.
- DÍAZ LIFANTE Z., 1990 – Números cromosómicos para la flora Española 630-642 – Lagascalia, 16: 327-333.
- DICE L. R., 1945 – Measures of the amount of ecological association between species – Ecology, 26: 297-302.
- DOUCLEFF M., JIN Y., GAO F., RIAZ S., KRIVANEK A.F., WALKER M.A., 2004 – A genetic linkage map of grape, utilizing *Vitis rupestris* and *Vitis arizonica* – Theor. Appl. Genet., 109: 1178-1187.
- DOWKER B.D., CURRAH L., HOROBIN J.F., JACKSON J.C., FAULKNER G.J., 1985 - Seed production of an F1 hybrid onion in polyethylene tunnels - J. Hortic. Sci. 60: 251–256.
- DOYLE J.J., DOYLE J.L., 1990 - Isolation of plant DNA from fresh tissue – Focus, 12: 13-14.
- ELIA A., 1992 – Uno sguardo alle cultivar di carciofo propagate per “seme”- Notiziario Ortoflorofrutticoltura, 18 (6): 225-228.

- ELIA A., CALABRESE N., BIANCO V. V., 1991 – Tecnica di coltivazione e aspetti qualitativi del carciofo da industria propagato per seme – Giornata Studio sulle ortive per la surgelazione 1989. Oristano p. 25-34.
- ELIA A., CALABRESE N., LOSAVIO F. P., MANOLIO G., 1992 – Epoche di semina e produzione di quattro cultivar di carciofo propagate per seme. p. 250-251. In: Atti Giornate Scientifiche Soc. Ortic. Ital. 1992. Ravello.
- EMBERGER L., MAIRE R., 1941 – Catalogue des plantes du Maroc – Vol. 4. Imprimerie Minerva, Alger. p. 1154.
- ENGELS W., 1988 - Monte Carlo 2 x N and R x C contingency table test - Genetics Department, Univ. Wisconsin. Madison, WI.
- ERICKSON E.H., PETERSON C.E., 1979 - Asynchrony of floral events and other differences in pollinator foraging stimuli between fertile and male-sterile carrot inbreds - J. Am. Soc. Hortic. Sci. 104: 639–643.
- ERICKSON E.H., PETERSON C.E., WERNER P., 1979 - Honey bee foraging and resultant seed set among malefertile and cytoplasmically male-sterile carrot inbreds and hybrid seed parents - J. Am. Soc. Hortic. Sci. 104: 635–638.
- FAGUA J. C., GONZALEZ V. H., 2007 - Growth Rates, Reproductive Phenology, and Pollination Ecology of Espeletia grandiflora (Asteraceae), a Giant Andean Caulescent Rosette - Plant Biology, 9: 127-135.
- FALK D.A., 1991 – Joining biological and economic models for conserving plant genetic diversity – In: Genetics and Conservation of Rare Plants, Oxford University Press, New York, pp. 209-224.
- FAO, 2011 – <http://www.faostat.fao.org>.
- FEINBRUN-DOTHAN N., 1978 – Flora Palestina – Vol. 3. Israel Academy of Sciences and Humanities, Jerusalem. p. 381.
- FELSENSTEIN J., 1993 – PHYLIP, Phylogenetic inference package, version 3.5.7 – <http://evolution.genetics.washington.edu/phylip.html>, Department of Genetics, University of Washington, Seattle, Wash.
- FERNANDES A., QUEIRÓS M., 1971 – Contribution à la connaissance cytotaxonomique des spermatophyta du Portugal. II. Compositae – Bol. Soc. Broteriana, Sér. 2, 45: 5-122.
- FERNÁNDEZ J., CURT M. D., AGUADO P. L., 2006. Industrial applications of Cynara cardunculus L. for energy and other uses. Industrial Crops and Products, 24, 222-229.
- FILHO, W.P.de, CAMARGO, A.M.M.P.de and CAMARGO, F.P.de 2009. Mercado de Alcachofra no Estado de São Paulo e Viabilidade da Produção Orgânica. *Informações Econômicas*, SP. 39(4):70-75.

- FISHMAN L., KELLY A.J., MORGAN E., WILLIS J.H., 2001 – A genetic map in the *Mimulus guttatus* species complex reveals transmission ratio distortion due to heterospecific interactions – *Genetics*, 159: 1701–1716.
- FONTA C., PHAM-DÉLÈGUE M.H., MARILLEAU R., DOUAULT P., MASSON C., POUVREAU A., 1984 - Relations entre le comportement de butinage d'*Apis mellifica* L. et *Bombus terrestris* et la composition glucidique des nectars de tournesol - in: Taséi J.N. (Ed.), Proc. 5th Int. Symp. Pollination, INRA, Paris, 39–50.
- FLOYD R., ABEBE E., PAPERT A., BLAXTER M., 2002 - Molecular barcodes for soil nematode identification. - *Mol Ecol* 11 (4): 839-850.
- FOTI S., 1976 – Sul possibile contributo della introduzione in coltura di nuovi tipi al miglioramento delle rese e delle caratteristiche della produzione di carciofo – Atti II Congresso Internazionale di Studi sul Carciofo, 733-746, Bari. Ed. Minerva Medica, Torino.
- FOTI S., LA MALFA G., 1981 – Influenza di fattori termici, luminosi e chimici sulla emissione del capolino in *Cynara scolymus* L. – Atti III Congresso Internazionale di Sudì sul Carciofo, 207-218, Bari. Ed. Minerva Medica, Torino.
- FOTI S., MAUROMICALE G., 1994 – Sul miglioramento del calendario di produzione del carciofo e delle caratteristiche di qualità del prodotto mediante la diffusione di nuove varietà – *Sementi Elette*, 40 (2): 19-29.
- FOTI S., MAUROMICALE G., IERNA A., 2005 – Response of seed-grown globe artichoke to different levels of nitrogen fertilization and water supplies – *Acta Hort.*, 681: 237 – 242.
- FOTI S., MAUROMICALE G., RACCUIA S. A., FALLICO B., FANELLA F., MACCARONE E., 1999 – Possible alternative utilization of *Cynara spp.* I. Biomass, grain yield and chemical composition of the grain – *Industrial Crops and Products*, 10: 219 – 228.
- FOURY C., 1967 - Étude de la biologie florale de l'artichaut (*Cynara scolymus* L.) ; application à la sélection - 1ère partie : données sur la biologie florale, *Ann. Amélior. Plantes* 17: 357–373.
- FOURY C., 1969a – L'amélioration de l'artichaut – Pépiniéristes, Horticulteurs, Maraîchers, 96: 5639-5649.
- FOURY C., 1969b – Étude de la biologie florale de l'artichaut (*Cynara scolymus* L.); étude de descendances obtenues en fécondation contrôlée (2^{me} partie) – *Ann. Amélior. Plantes*, 19: 23-52.
- FOURY C., 1978 – Quelques aspects de l'histoire des variétés d'Artichaut (*Cynara scolymus* L.) – *J. d'Agr. Tradit. Bot. Appl.*, 25 : 15-50.

- FOURY C., 1987 – Quelques aspects du développement de l'artichaut (*Cynara scolymus L.*) issu de semences: analyse plus particulière de la floraison en conditions naturelles – Thèse de Doctorat d'Etat, Univ. Pierre et Marie Curie, Paris VI, France.
- FOURY C., 1989 – Ressources génétiques et diversification de l'artichaut (*Cynara scolymus L.*) – Acta Hort., 242: 155-165.
- FOURY C., 1994 – L'artichaut – In : Chaux C., Foury C. (Ed.), Production Légumières (Vol. II), Tec.-Doc. Lavoisier, Parigi, 405-438.
- FOURY C., 2004 – Origine, evoluzione e miglioramento delle piante da orto – Tec. Agr, 56 (3-4): 75-120.
- FOURY C., AUBERT S., 1977 – Observations préliminaire sur la présence et la répartition de pigments anthocyaniques dans un mutant d'artichaut (*Cynara scolymus L.*) à fleurs blanches – Ann. Amélior. Plantes, 27: 603-612.
- FOURY C., CADILHAC B., AUBERT S., 1977 – Observations sûr le teneurs en chlorophylle et en cynarine, et sûr la structure des chloroplastes d'un mutant d'artichaut (*Cynara scolymus L.*) à feuilles jaunes – Ann. Amélior. Plantes, 27: 587-602.
- FOURY C., DELAGE C., 1984 - Possibilités de l'utilisation de l'abeille domestique (*Apis mellifera L.*) pour la production de semences d'artichaut (*Cynara scolymus L.*) et de cardon (*Cynara cardunculus L.*) - in: Taséi J.N. (Ed.), Proc. 5th Int. Symp. Pollination, INRA, Paris, 329–333.
- FOURY C., MARTIN F., 1974 - *Etude* des possibilités de création et d'utilisation de variétés d'artichaut issues de semences - in: Atti 2° Congr. Int. Sul carciofo. 22–24 November 1974, Bari-Italia, Ed. Minerva Medica-Torino, 667–679.
- FOURY C., MARTIN F., IMPERIALI M., 1978 - Remarques sur la production des semences d'Artichaut (*Cynara scolymus L.*) - Ann. Amélior. Plantes 28: 45–60.
- FOURY C., PÉCAUT P., 1988 - Quelques aspects du développement de l'artichaut (*Cynara scolymus L.*) : problèmes posés par la substitution de la reproduction sexuée à la multiplication végétative - C. R. Acad. Agric. France 5: 85–92.
- FRANCO J. D. A., 1976 – *Cynara L.* – In: Tutin, T.G. et al. (Ed.) Flora Europea. Vol. 4. Cambridge University Press, Cambridge. pp. 148-149.
- FREDIANI D., PINZAUTI M., 1983 - Osservazioni sull'impollinazione entomofila del carciofo - Apic. Mod. 74: 83–88.
- FREE J.B., WILLIAMS I.H., 1983 - Foraging behaviour of honey bees and bumble bees on brussels sprout grown to produce hybrid seed - J. Apic. Res. 22: 94–97.
- GARCIA RA, ZAPATER JMM, CRIADO BG, *et al.* 2002 - Genetic structure of natural populations of the grass endophyte *Epichloe festucae* in semiarid grasslands. Mol Ecol 11 (3): 355-364 .

- GEBHARDT R., 1997 – Antioxidative and protective properties of extracts from leaves of the artichoke (*Cynara scolymus* L) against hydroperoxide-induced oxidative stress in cultured rat hepatocytes – *Toxicol. Appl. Pharmacol.* 144: 279-286.
- GIL R., VILLA F., 2004 – Breeding for earliness of seed propagated globe artichoke – *Acta Hort.*, 660: 35-39.
- RAGLOBO RUL. Economia: Flores Lucrativas. 2004.
<http://www.abhorticultura.com.br/News>.
- GONZALEZ M., RODRIGUEZ R., ZAVALA M.E., JACOPO J.L., HERNÀNDEZ F., ACOSTA J., MARTÍNEZ O., SIMPSON J., 1998 - Characterization of Mexican isolates of *Colletotrichum lindemuthianum* by using differential cultivars and molecular markers.- *Phytopathology* 88 (4): 292-299.
- GRATTATAGLIA D., SEDEROFF R., 1994 – Genetic linkage maps of *Eucalyptus grandis* and *ucalyptus urophylla* using a pseudo-testcross: mapping strategies and RAPD markers – *Genetics*, 137: 1121-1137.
- GREEF J.M., DEUTER M., JUNG C., SCHONDELMAIER J., 1997 - Genetic diversity of European *Miscanthus* species revealed by AFLP fingerprinting. - *Gen. Res. Crop Evol.* 44: 185–195.
- GREGORIUS H. R., 1987 – The relationship between the concepts of genetic diversity and differentiation – *Theor. Appl. Genet.*, 137: 1121-1137.
- HAGEN LS., KHADARI B., LAMBERT P., AUDERGON J.M., 2002 - Genetic diversity in apricot revealed by AFLP markers: species and cultivar comparisons - *Theor Appl Genet* 105 (2-3): 298-305.
- HAN T., VAN ECK H., DE JEU M., JACOBSEN E., 2002 – The construction of a linkage map of Alstroemeria aurea by AFLP markers – *Euphytica*, 128: 153-164.
- HAUSSMANN BIG., HESS DE., SEETHARAMA N., WELZ H., GEIGER H., 2002 - Construction of a combined sorghum linkage map from two recombinant inbred populations using AFLP, SSR, RFLP, and RAPD markers, and comparison with other sorghum maps - *Theor Appl Genet* 105 (4): 629-637.
- HEDRICK U. P., (Ed.), 1919 – Sturtevant's edible plants of the world – Dover Publications New York. pp. 226-229.
- HEUN M., SCHÄFER-PREGL R., KLAWAN D., CASTAGNA R., ACCERBI M., BORGHI B., SALAMINI F., 1997 - Site of einkorn wheat domestication identified by DNA fingerprinting. - *Science* 278: 1312-1314.
- HILL M., WITSENBOER H., ZABEAU M., VOS P., KESSELI R., MICHELMORE R., 1996 - PCR-based fingerprinting using AFLP as a tool for studying genetic relationships in *Lettuce* spp. - *Theor. Appl. Genet.* 93: 1202–1210.

- HURTADO MA., WESTMAN A., BECK E., ABBOTT G.A., LLÀCER G., BADENES M.L., 2002 - Genetic diversity in apricot cultivars based on AFLP markers. - *Euphytica* 127 (2): 297-301
- HUYS G., COOPMAN R., JANSSEN P., KERSTERS K., 1996 - High-resolution genotypic analysis of the genus *Aeromonas* by AFLP fingerprinting.- *Int J Syst Bacteriol* 46 (2): 572-580.
- IERNA A., MAUROMICALE G., 2004 – Calendario di produzione, resa e caratteristiche dei capolini di ibridi di carciofo a propagazione gamica – *Rivista di Sementi Elette*, 4: 37 – 42.
- IERNA A., MAUROMICALE G., LICANDRO P., 2004a – Head growth of globe artichoke are influenced by genotype and time of head initiation – *Acta Hort.*, 660: 345-351.
- IERNA A., RESTUCCIA A., MAUROMICALE G., 2004b – Effects of seed osmoprimering on germination of *Cynara cardunculus* under low, optimal and high temperature – *Acta Hort.*, 660: 333-338.
- IERNA A., MAUROMICALE G., 2010 – *Cynara cardunculus* L. genotypes as a crop for energy purposes in a Mediterranean environment – *Biomass & Bioenergy*, 34: 754 – 760.
- IERNA A., MAURO R.P., MAUROMICALE G., 2011 – Improved yield and nutrient efficiency in two globe artichoke genotypes by balancing nitrogen and phosphorus supplì – *Agron. Sustain Dev.* in press.
- ISTAT, 2011 – <http://www.istat.it/agricoltura/datiagri/coltivazioni/>.
- JACCARD P., 1908 – Nouvelles recherches sur a distribution florale – *Bull. Soc. Vaud. Sci. Nat.*, 44: 223-270.
- JACKSON J.A., MATTHEWS D., 2000 – Modified inter-simple sequence repeats PCR protocol for use in conjunction with LI-COR gene ImagIR (2) DNA Analyzer – *Biotechniques*, 28: 914-917.
- JANNACCONE A., 1967 – Ricerche sperimentalì sulla biologia del carciofo (*Cynara scolymus* L.) – *Riv. Agron.*, 1: 24-30.
- JANSSEN P., MAQUELIN K., COOPMAN R., TJERNBERG I., BOUVET P., KERSTERS K., DIJKSHOORN L., 1997 - Discrimination of *Acinetobacter* genomic species by AFLP fingerprinting. - *Int J Syst Bacteriol* 47 (4): 1179-1187.
- JEFFREYS A. J., WILSON V., THEIN S. L., 1985 – Hypervariable “minisatellite” regions in human DNA – *Nature*, 314: 67-73.
- JOLY, A. B., 2000 – Botànica: intoducào a taxonomia vegetal. 13º ed. São Paulo: companhia Editora Nazional, 777.

- JONES C.J., EDWARDS K.J., CASTAGLIONE S., WINFIELD M.O., SALA F., VAN DE WIEL C., BREDEMEIJER G., VOSMAN B., MATTHES M., DALY A., BRETTSCHEIDER R., BETTINI M., MAESTRI E., MALCEVSCHI A., MARMILOI N., AERT R., VOLCKAERT G., RUEDA J., LINACERO R., VAZQUEZ A., KARP A., 1997 - Reproducibility testing of RAPD, AFLP and SSR markers in plants by a network of European laboratories.- Mol Breeding, 3 (5): 381-390.
- JORDAN S. A., HUMPHRIES P., 1994 – Single nucleotide polymorphism in exon 2 of the BCP gene on 7q31-q35 – Hum Mol Genet, 3, 10: 1915.
- KANG B.C., NAHM S.H., HUH J.H., YOO H.S., YU J.W., LEE M.H., KIM B.D., 2001 – An interspecific (*Capsicum annuum* x *C. chinense*) F₂ linkage map in pepper using RFLP and AFLP markers – Theor. Appl. Genet., 102: 531-539.
- KAWARASAKI S., HORI Y., 1999 - Effect of flower number on the pollinator attractiveness and the threshold plant size for flowering in *Pertya triloba* (Asteraceae) - Plant Spec Biol, 14: 69-74.
- KARDOLUS JP, VAN ECK HJ, VAN DEN BERG RG., 1998 - The potential of AFLPs in biosystematics: a first application in *Solanum* taxonomy (Solanaceae). - Plant Syst Evol, 210: 87-103.
- KEIM P., DIERS B.W., OLSON T.C., SHOEMAKER R.C., 1990 – RFLP mapping in soybean: association between marker loci and variation in quantitative traits – Genetics, 126: 735-742.
- KEIM P, KALIF A, SCHUPP J, HILL K., TRAVIS S.E., RICHMOND K., ADAIR D.M., HUNGH-JONES M., KUSKE C.R., JACKSON P., 1997 - Molecular evolution and diversity in *Bacillus anthracis* as detected by amplified fragment length polymorphism markers. - J Bacteriol, 179 (3): 818-824 .
- KIM M.S., MOORE P.H., ZEE F., FITCH M. MM., STEIGER D.L., MANSHARDT R.M., PAULL R.E., DREW R.A., SEKIOKA T., MING R., 2002 - Genetic diversity of *Carica papaya* as revealed by AFLP markers. – Genome, 45 (3): 503-512 .
- KIMBALL, REBECCA T.; CRAWFORD, DANIEL J., 2004 - Phylogeny of Coreopsidæ (Asteraceæ) using ITS sequences suggests lability in reproductive characters - Mol Phylogenetic Evol, 33: 127-139.
- KIMURA M., CROW J. F., 1964 – The number of alleles that can be maintained in a finite population – Genetics, 49: 725-738.
- KIMURA M., 1983 – The neutral theory of molecular evolution – Cambridge University Press, Cambridge, UK.
- KOSAMBI D.D., 1944 – The estimation of map distances from recombinant values – Ann. Eugen., 15: 205-219.

- KOSAR M., KAFKAS E., PAYDAS S., CAN BASER K.H., 2004 – Phenolic composition of strawberry genotypes at different maturation stages – J. Agr. Food Chem, 52: 1586-1589.
- KRAUSS SL, PEAKALL R., 1998 - An evaluation of the AFLP fingerprinting technique for the analysis of paternity in natural populations of *Persoonia mollis* (Proteaceae) - Aust J. Bot, 46: 533-546.
- KROPF M., KADEREIT J.W., COMES HP., 2002 - Late Quaternary distributional stasis in the submediterranean mountain plant *Anthyllis montana* L. (Fabaceae) inferred from ITS sequences and amplified fragment length polymorphism markers. - Mol Ecol 11 (3): 447-463.
- KUMAR L. S., 1999 – DNA markers in plant improvement: An overview – Biotechnology Advances, 17:143-182.
- KUPICHA F. K., 1975 – *Cynara L.* – In: Davis, P. H. (Ed.), Flora of Turkey. Vol 5. Edimburg University Press, Edimbug, pp. 327-329.
- LA MALFA G., 1976 – Effetti dell’asportazione del capolino principale sull’accrescimento dei capolini secondari in *Cynara scolymus* L. – Atti II Congresso Internazionale Studi sul Carciofo, 343-354, Bari, Ed. Minerva Medica, Torino.
- LANDER E. S., GREEN P., ABRAMSON J., BARLOW A., DALY M. J., LINCOLM S. E., NEWBURG L., 1987 – MAPMAKER: an interactive computer package for constructing primary genetic linkage maps pf experimental and natural populations – Genomics, 1: 174-181.
- LANDER E.S., BOTSTEIN D., 1986 – Mapping complex genetic traits in humans: new methods using a complete RFLP linkage map – Cold Spring Harbor Symp Quant. Biol., 51: 49-62.
- LANTERI S., DI LEO I., PORTIS E., QUAGLIOTTI L., 2001 – Radomly amplified polymorphic DNA variation in five populations of artichoke, cultivar ‘spinoso sardo’ – Acta Hort., 546: 443-448.
- LANTERI S., DI LEO I., LEDDA L., MAMELI M. G., PORTIS E., 2001 – RAPD variation within and among populations of globe artichoke cultivar ‘Spinoso sardo’ – Plant Breeding, 120: 243-246.
- LANTERI S., ACQUADRO A., SABA E., PORTIS E., 2002 – Sviluppo ed applicazione di marcatori molecolari per l’analisi del genoma di carciofo (*Cynara cardunculus* L. var. *scolymus* L.) – Atti del III Workshop S.O. I/S.I.G.A. “Stato dell’arte nel miglioramento genetico delle specie ortoflorofrutticole d’interesse mediterraneo”: 397-406.
- LANTERI S., PORTIS E., CADINU M., MALLICA G. M., SABA E., LEDDA L., 2003 – Il miglioramento genetico del carciofo – Atti delle giornate Nazionali di Studio sul Carciofo: “Vivaismo e strategie di sviluppo del carciofo”: 7-11.

- LANTERI S., ACQUADRO A., QUAGLIOTTI L., PORTIS E., 2003 – RAPD and AFLP assessment of genetic variation in a landrace of pepper (*Capsicum annuum* L.), grown in North-West Italy – Genet. Resour. and Crop Evol., 50: 723 – 735.
- LANTERI S., PORTIS E., BARCHI L., COMINO C., SABA E., MAUROMICALE G., 2004 – Analisi molecolare della variabilità genetica in *Cynara cardunculus* L. – Italus Hortus 11 (5): 16-21.
- LANTERI S., SABA E., CADINU M., MALLICA G. M., BAGHINO L., PORTIS E., 2004a – Amplified fragment lenght polymorphism for genetic diversity assessment in globe artichoke – Theor Appl Genet, 108: 1534-1544.
- LANTERI S., ACQUADRO A., SABA E., PORTIS E., 2004b – Molecular fingerprinting and evaluation of genetic distances among selected clones of globe artichoke (*Cynara cardunculus* L. var. *scolymus* L.) ‘Spinoso sardo’ – J. Horticult. Sci. Biotechnol., 79: 863-870.
- LANTERI S., LEDDA L., I. DI LEO I., MAMELI M.G., LANTERI S., 2005 – Molecular and morphological variation among and within populations of *Cynara cardunculus* L. cv ‘Spinoso sardo’- Acta Hort., 681: 333-340.
- LANTERI S., ACQUADRO A., COMINO C., MAURO R., MAUROMICALE G., PORTIS E., 2006 – First genetic linkage map of globe artichoke (*Cynara cardunculus* var. *scolymus* L.) based on AFLP, S-SAP, M-AFLP and microsatellites markers – Theor. Appl. Genet., 112: 1532-1542.
- LANTERI S., PORTIS E., 2008 – Globe artichoke and Cardoon. In Vegetables I: Asteraceae, Brassicaceae, Chenopodiaceae, and Cucurbitaceae. Prohens J. And Nuez F. (Eds.) 428 p. Springer: 49-74.
- LANTERI S., PORTIS E., ACQUADRO A., MAURO R.P., MAUROMICALE G., 20011 – Morphology and SSR fingerprinting of newly developed *Cynara cardunculus* genotypes exploitable as ornamentals – Euphytica in press.
- LATTANZIO V., CARDINALI A., DI VENERE D., LINSALATA V., PALMIERI S., 1994 – Browning phenomena in stored artichoke (*Cynara scolymus* L.) heads: enzymic or chemical reactions? – Food Chem., 50: 1-7.
- LATTANZIO V., CICCO N., LINSALATA V., 2005 – Antioxidant activities of artichoke phenolics –Acta Hort., 281: 421-425.
- LATTANZIO V., CICCO N., TERZANO R., RACCUIA S., MAUROMICALE G., DI VENERE D., LINSALATA V., 2001 – Potenziale utilizzo di sottoprodotto derivanti dalla lavorazione industriale del carciofo [*Cynara cardunculus* L. var. *scolymus* (L.) Fiori]: antiossidanti di natura fenolica ed inulina – Atti del XIX Convegno SICA. pp. 251-258. Reggio Calabria, 25-28 Settembre 2001.

- LATTANZIO V., KROON P.A., LINSALATA V., CARDINALI A., 2009 – Globe artichoke: a functional food and source of nutraceutical ingredients – journal of Functional Foods, 1 (2): 131-144.
- LAWTON-RAUH A., ROBICHAUX R., PURUGGANAN M. D., - 2007 - Diversity and divergence patterns in regulatory genes suggest differential gene flow in recently derived species of the Hawaiian silversword alliance adaptive radiation (Asteraceae) - Mol Ecol, 16: 3995-4013.
- LE ROUX P., LE MEUR J.F., CLERET J.J., BOURGEOIS C., 1978 – Prévention de la cristallisation de l'inuline dans le conserver d'artichaut – Ind. Al. Et Agr., 95: 597-605.
- LE SAINT J.P., CORRE J., 1994 - Les artichauts de demain - Aujourd'hui et Demain 43: 1–5.
- LEFEBVRE V., CHEVRE A. M., 1995 – Tools for marking plant disease and pest resistance genes, a review – Agronomie, 15: 3-19.
- LEWIS P.O., SNOW A.A., 1992 - Deterministic paternity exclusion using RAPD markers. - Mol Ecol, 1: 155-160.
- LEWIS P. O., ZAYKIN D., 1999 – *GDA version d12* – University of New Mexico, Albuquerque, NM.
- LIEBERS D., HELBIG A.J., DE KNIJFF P., 2001 - Genetic differentiation and phylogeography of gulls in the *Larus cachinnans-fuscus* group (Aves : Charadriiformes) - Mol Ecol, 10 (10): 2447-2462.
- LICANDRO P., 2002 – Risposta ecofisiologica e produttiva del carciofo all’irrigazione con acqua salmastra – Tesi di Dottorato di Ricerca, Università degli Studi di Catania, VIII + 226 pp.
- LIU Z., NICHOLS A., LI P., DUNHAM R.A., 2002 - Inheritance and usefulness of AFLP markers in channel catfish (*Ictalurus punctatus*) blue catfish (*I.furcatus*), and their F1, F2, and backcross hybrids.- Mol Gen Genet 258 (3): 260-268.
- LOMBARDO S., PANDINO G., MAUROMICALE G., KNODLER M., CARLE R., & SCHIEBER A., 2010 – Influence of genotype, harvest time and plant part on polyphenolic composition of globe artichoke [*Cynara cardunculus* L., var. *scolymus* (L.) Fiori] – Food Chem, 119: 1175-1181.
- LÓPEZ ANIDO F. S., FIRPO I. T., GARCÍA S. M., COINTRY E. L., 1998 – Estimation of genetic parameters for yield traits in globe artichoke (*Cynara scolymus* L.) – Euphytica, 103: 61-66.
- LÓPEZ-MOLINA, D., NAVARRO-MARTINEZ, M.D., ROJAS MELGAREJO, F., HINER, A.N.P., CHAZARRA, S., RODRIGUEZ-LÓPEZ, J.N., 2005. Molecular

- properties and prebiotic effect of inulin obtained from artichoke (*Cynara scolymus* L.) - Phytochemistry, 66: 1476–1484.
- LOTTI C., SALVI S., PASQUALONE A., TUBEROSA R., BLANCO A., 2000 - Integration of AFLP markers into an RFLP-based map of durum wheat. - Plant Breeding 119 (5): 393-401.
 - LU J., KNOX M.R., AMBROSE M.J., BROWN J.K.M., ELLIS T.H.N., 1996 - Comparative analysis of genetic diversity in *Pea* assessed by RFLP- and PCR-based methods. - Theor Appl Genet, 93: 1103–1111.
 - LYNCH M., MILLIGAN B.G., 1994 - Analysis of population genetic structure with RAPD markers. Mol Ecol, 3: 91-99.
 - MACCARONE E., FALlico B., FANELLA F., MAUROMICALE G., RACCUIA S. A., FOTI S., 1999 – Possible alternative utilization of *Cynara* spp. II. Chemical characterization of their grain oil – Industrial Crops and Products, 10: 229 – 237.
 - MACE E.S., GEBHARDT C.G., LESTER R.N., 1999 - AFLP analysis of genetic relationships in the tribe *Datureae* (Solanaceae). - Theor Appl Genet, 99: 634-641.
 - MAGNIFICO V., LINSALATA D., DE PALMA E., 1985 – L'atrofia del capolino di carciofo e mezzi di controllo – Informatore Fitopatologico, 9: 41 – 45.
 - MAGNIFICO V., MORONE FORTUNATO I., DE PALMA E., 1984 – Daminozide control of globe artichoke flower head atrophy – Hortscience, 19: 667 – 669.
 - MAGUIRE T.L., PEAKALL R., SAENGER P., 2002 – Comparative analysis of genetic diversity in the mangrove species *Avicennia marina* (Forsk.) Vierh. (Avicenniaceae) detected by AFLPs and SSRs – Theor. Appl. Genet., 104: 388-398.
 - MAIRE R., WEILLER M., 1939 – Contribution à l'étude de la flore de l'Afrique du Nord – Bull. Soc. Hist. Nat. Afrique du Nord, 30: 286-287.
 - MAJER D., LEWIS B.G., MITHEN R., 1998 - Genetic variation among field isolates of *Pyrenopeziza brassicae*.- Plant Pathol, 47 (1): 22-28.
 - MARSHALL D.R., BROWN A.H.D., 1975 – Optimum sampling strategies in genetic conservation – In: Crop genetic resources for today and tomorrow, Cambridge University Press, London, pp. 53-80.
 - MARZI V., 2001 – Carciofo [*Cynara cardunculus* L., var. *scolymus* (Fiori)] – In: Coltivazioni Erbacee (Vol. II), Baldoni R., Giardini L., Patron Editore, Bologna, pp. 351-366.
 - MAUGHAN P.J., SAGHAI MAROOF M.A., BUSS G.R., 1996 - Amplified fragment length polymorphism (AFLP) in soybean: species diversity, inheritance, and near-isogenic line analysis. - Theor Appl Genet 93: 392-401.

- MAURO R., IERNA A., PORTIS E., LANTERI S., MAUROMICALE G., 2007 – Morphological and molecular characterization of autochthonous Sicilian globe artichokes grown in family gardens – Acta Hort, 730 : 113-121.
- MAURO R., PORTIS E., ACQUADRO A., LOMBARDO S., MAUROMICALE G., LANTERI S., 2009 – Genetic diversity of globe artichoke landraces from Sicilian small-holdings: implications for revolution and domestication of the species – Conseg Genet., 10: 431-440.
- MAURO R., LOMBARDO S., LONGO A.M.G., PANDINO G., MAUROMICALE G., 2011 – New cropping designs of globe artichoke for industrial use., Italian Journal of Agronomy, vol 6 n° 1.
- MAUROMICALE G., 1981 – Valutazione della resistenza alle basse temperature in una collezione di tipi a produzione autunnale – Atti III Congresso Internazionale di Studi sul Carciofo, 639-648, Bari. Ed. Minerva Medica, Torino.
- MAUROMICALE G., 1984 – La coltivazione del carciofo in Sicilia – Atti dell'incontro su “La coltivazione del carciofo in Toscana”, Venturina (LI).
- MAUROMICALE G., 1986 – Influenza dell'ambiente sul calendario di produzione del carciofo – Giornata di studio sul carciofo, Ramacca (CT), Tipolito “Galatea” Acireale (CT), 1-26.
- MAUROMICALE G., 1987 – Panorama varietale del carciofo e sua possibile evoluzione – Inf.tore Agr., 43,4: 69 – 75.
- MAUROMICALE G., 1988 – Il carciofo: alcune proposte innovative per una coltura tradizionale – Giornale di Agricoltura, 97: 42 – 47.
- MAUROMICALE G., BASNIZKI Y., CAVALLARO V., 1989 – Primi risultati sperimentali sulla propagazione del carciofo (*Cynara scolymus* L.) per seme – Riv. Agron., 23, 6: 417 – 423.
- MAUROMICALE G., COPANI V., 1989 – Caratteristiche biologiche e produzione di cloni diversi di carciofo isolati in popolazioni siciliane di ‘Violetto di Sicilia’ – Tec. Agr, 41: 3-17.
- MAUROMICALE G., COPANI V., 1990 – Tecniche per regolare la produzione degli organi di moltiplicazione in *Cynara scolymus* L. – Tec. Agr., 42: 5-14.
- MAUROMICALE G., VAGLIASINDI M.C., 1993 – La propagazione di *Cynara scolymus* L. alla luce delle più recenti acquisizioni tecniche nel settore – Stampato in proprio ai sensi dell'art. 4 del decreto legislativo luogotenenziale 31 agosto 1945 n. 660, pp. 1-30.
- MAUROMICALE G., 1994 – Influenza del genotipo e dell'ambiente sul calendario di produzione del carciofo propagato per “seme” – Inf.tore Agr., 50: 61-65.

- MAUROMICALE G., IERNA A., 1995 – Effects of gibberellic acid and sowing date on harvesting time and yield of seed – grown globe artichoke (*Cynara scolymus* L.) – Agronomie, 15: 527 – 538.
- MAUROMICALE G., IERNA A., DONZELLA G., ASSENZA M., 1996 – Influenza dell'epoca di trapianto e dell'acido gibberellico sulla produzione del carciofo propagato per seme e irrigato con acqua salmastra – Rivista di Sementi Elette, 42: 43-50.
- MAUROMICALE G., IERNA A., 2000a – Panorama varietale e miglioramento genetico del carciofo – Inf.tore Agr., 56, 26: 39 – 45.
- MAUROMICALE G., IERNA A., 2000b – Characteristics of heads of seed-grown globe artichoke [*Cynara cardunculus* L. var. *scolymus* (L.) Fiori] as affected by harvest period, sowing date and gibberellic acid – Agronomie, 20: 197-204.
- MAUROMICALE G., RACCUIA S.A., 2000 – Influence of maturation time on some head characteristics of globe artichoke (*Cynara scolymus* L.) – Acta Hort, 533: 483-488.
- MAUROMICALE G., MORELLO N., IERNA A., SANTOIEMMA G., 2000 – “Nuove varietà per migliorare la cinaricoltura siciliana” – Inf.tore Agr., 56 (26): 47 – 51.
- MAUROMICALE G., LICANDRO P., 2002 – Salinity and temperature effects on germination, emergence and seedling growth of globe artichoke – Agronomie, 22: 443-450.
- MAUROMICALE G., LICANDRO P., 2004 – Ricerche sulla produzione di piantine di carciofo in vivaio – Tec. Agr, 56: 11-17.
- MAUROMICALE G., IERNA A., LICANDRO P., MAUGERI R., SCANDURRA S., 2004a – Il carciofo: una coltura “nuova” per la valorizzazione delle aree irrigue della collina interna siciliana – Italus Hortus, 11, 5: 53-59.
- MAUROMICALE G., IERNA A., LANTERI S., LICANDRO P., LONGO A. M. G., SANTOIEMMA G., MORELLO N., 2004b – Panorama varietale del carciofo in Sicilia – Inf.tore Agr., 52: 15-18.
- MAUROMICALE G., IERNA A., CAVALLARO V., 2005a – Effects of vernalization and gibberellic acid on bolting, harvest time and yield of seed-grown globe artichoke – Acta Hort, 681: 243-249.
- MAUROMICALE G., IERNA A., LICANDRO P., 2005b – Harvest time and yield of globe artichoke in relation to the production environment of plantlets – Acta Hort, 681: 117-125.
- McDERMOTT J. M., McDONALD B. A., 1993 – Gene flow in plant pathosystems – Annu. Rev. Phytopathol., 31: 353-373.

- MENIN B., LANTERI S., COMINO C., MOGLIA A., BARBA M., VAN HERPEN T., 2010 – Setting up a Calllogenesis and Transformation System for Globe Artichoke –J Biotechnol, 150: S497-S497.
- MERI L., DULBERGER R., 1986 – Stamen Filament Structure in the Asteraceae – The Anther collar New Phytologist, 104/4: 693-701.
- MENZ M.A., KLEIN R.R., MULLET J.E., OBERT J.A., UNRUH N.C., KLEIN P.E., 2002 - A high-density genetic map of *Sorghum bicolor* (L.) Moench based on 2926 AFLP (R), RFLP and SSR markers. - Plant Mol Biol, 48 (5): 483-499.
- MICHELMORE R. W., PARAN I., KESSELI E. V., 1991 – Identification of markers linked to disease-resistance genes by bulked segregant analysis: a rapid method to detect markers in specific genomic regions by using segregating populations – Proc. Natl. Acad. Sci. USA, 88: 9828-9832.
- MOGLIA A., LANTERI S., COMINO C., ACQUADRO A., DE VOS R.C.H., BEEKWILDER J., 2008 – Stress-induced biosynthesis of dicafeoylquinic acids in globe artichoke – J Agr Food Chem, 56: 8641-8649.
- MOGLIA A., COMINO C., PORTIS E., ACQUADRO A., DE VOS R.C.H., BEEKWILDER J., LANTERI S., 2009 – Isolation and mapping of a C3'H gene (CYP98A49) from globe artichoke, and its expression upon UV-C stress – Plant Cell Rep, 28: 963-974.
- MOHAN M., SURESH N., BHAGWAT A., KRISHNA T. G., YANO M., 1997 – Genome mapping, molecular markers and marker-assisted selection in crop plants – Mol Breeding, 3: 87-103.
- MORGANTE M., HANAFEY M., POWELL W., 2002 – Microsatellites are preferentially associated with non-repetitive DNA in plant genomes – Natur. Genet., 30: 194–200.
- MORGANTE M., OLIVIERI A. M., 1993 – PCR-amplified microsatellites as markers in plant genetics – The Plant Journal, 3: 175-182.
- MORGANTE M., VOGEL J., 1994 – Compound microsatellite primers for the detection of genetic polymorphisms – U.S. Patent Appl. 08/326456.
- MORISON N., VAISSIÈRE B.E., MARTIN F., PÈCAUT P., CAMBON G., 2000 - Pollinisation de l'artichaut (*Cynara scolymus* L.) par l'abeille domestique (*Apis mellifera* L.) en production de semences hybrides sous abris grillagés – Apidologie, 31: 115–128.
- MORONE FORTUNATO I., MAGNIFICO V., DELLACECCA V., 1981 – Aspetti agronomici ed istologici dell'atrofia del capolino di carciofo (*Cynara scolymus* L.) – Atti III Congr. Inter. di Studi sul Carciofo, 265-282, Bari. Ed.
- MOUTERDE P., 1983 – Nouvelle flore du Liban et de la Syrie. Vol. 3. Dar el-Machreq Éditeurs, Beyrouth. p. 160.

- NAKAJIMA Y., OEDA K., YAMAMOTO T., 1998 - Characterisation of genetic diversity of nuclear and mitochondrial genomes in *Daucus* varieties by RAPD and AFLP.- Plant Cell Rep, 17: 848-853.
- NEI M., 1973 – Analysis of gene diversity in subdivided populations – Proc. Natl. Acad. Sci. USA, 70: 3321-3323.
- NEI M., 1977 – F-statistics and analysis of gene diversity in subdivided populations – Ann. Hum. Genet., 41: 225-233.
- NEI M., 1978 – Estimation of average heterozygosity and genetic distance from a small number of individuals – Genetics, 89: 583-590.
- NEI M., 1987 – Molecular evolutionary genetics – Columbia University Press, New York, NY.
- NEI M., LI W. H., 1979 – Mathematical model for studying genetic variation in terms of restriction endonucleases – Proc. Natl. Acad. Sci. USA, 76: 5269-5273.
- NOLDIN V. F., CECHINEL V. F., MONACHE F. D., BENASSI J.C., CHRISTMANN L., PEDROSA R. C., YUNES R. A. 2003 – Compòsicào quimica e atividades biològicas das folhas de *Cynara scolymus* L. (alcachofra) cultivada no brasil. Química. Nova, 26/3: 331-334.
- OLARO T., 1967 – Lineamenti di una storia del carciofo – Atti I Congresso Internazionale Carciofo, 1-7, Bari. Ed. Minerva Medica, Torino.
- OLIVER M., GARCIA-MAS J., CARDUS M., PUEYO N., LÓPEZ-SESÈ A.I., ARROYO M., CÒMEZ-PANIAGUA H., ARÙS P., DE VICENTE M.C., 2001 - Construction of a reference linkage map for melon. – Genome, 44 (5): 836-845.
- OLSON M., HOOD L., CANTOR C., BOTSTEIN D., 1989 – A common language for physical mapping of the human genome – Science, 245: 1434-1435.
- OTSEN M., DENBIEMAN M., KUIPER M.T.R., PRAVENEC M., KREN V., KURTZ T.W., JACOB H.J., LANKHORST A., VAN ZUTPHEN B.F., 1996 - Use of AFLP markers for gene mapping and QTL detection in the rat. – Genomics, 37 (3): 289-294.
- OUEDRAOGO J.T., GOWDA B.S., JEAN M., CLOSE T.J., EHLERS J.D., HALL A.E., GILLASPIE A.G., ROBERTS P.A., ISMAIL A.M., BRUENING G., GEPTS P., TIMKO M.P., BELZILE F.J., 2002 - An improved genetic linkage map for cowpea (*Vigna unguiculata* L.) Combining AFLP, RFLP, RAPD, biochemical markers, and biological resistance traits. – Genome, 45 (1): 175-188.
- PALLA F., BOSCARDIN D.S., MANTOVANI S., BAGGIO M.I.; DONIDA B., MAUROMICALE G., 2007- Biologia Floral da Arcachofra (*Cynara scolymus* L.) cv. COT 2003 - Mostra de Iniciação Científica da Universidade de Passo Fundo (UPF): XVI Mostra de Iniciação Científica da Universidade de Passo Fundo, 16, 1.

- PANDINO G., COURTS FL., LOMBARDO S., MAUROMICALE G., WILLIAMSON G., 2010 – Caffeoylquinic Acids and Flavonoids in the Immature Inflorescenze of Globe artichoke, Wild Cardoon, and Cultivated Cardoon – J Agr Food Chem, 58: 1026-1031.
- PANDINO G., LOMBARDO S., MAUROMICALE G., WILLIAMSON G., 2011a – Profile of polyphenols and phenolic acids in bracts and receptacles of globe artichoke (*Cynara cardunculus* var. *scolymus*) germplasm – J Food Compos Anal, 24: 148-153.
- PANDINO G., LOMBARDO S., MAUROMICALE G., WILLIAMSON G., 2011b – Phenolic acids and flavonoids in leaf and floral stem of cultivated and wild *Cynara cardunculus* L. genotypes – Food Chem, 126: 417-422.
- PANDINO G., LOMBARDO S., MAUROMICALE G., 2011c – Mineral profile in globe artichoke as affected by genotype, head part and environment – J Sci Food Agr, 91: 302-308.
- PAPADOPOULOU A., FRAZIER R.A., 2004 – Characterization of protein-polyphenols interaction - Trends n Food Sci Tech, 15: 186-190.
- PARKER F.D., 1981 - How efficient are bees in pollinating sunflowers? - J. Kans. Entomol. Soc., 54: 61–67.
- PATERSON A. H., 1995 – Molecular dissection of quantitative traits: progress and prospects – Genome Res, 5: 321-333.
- PAUL S., WACHIRA F.N., POWELL W., *et al.* 1997 - Diversity and genetic differentiation among populations of Indian and Kenyan tea (*Camellia sinensis* (L.) O. Kuntze) revealed by AFLP markers. - Theor Appl Genet, 94: 255–263.
- PÉCAUT P., 1993 – Globe artichoke *Cynara scolymus* L. – In: Kallo G., Bergh B. D. (Eds.), Genetic improvement of vegetable crops. Pergamon, Oxford, pp. 737-746.
- PÉCAUT P., 1993 - Globe artichoke *Cynara scolymus* L., in: Kalloo G., Bergh B.O. (Eds.), Genetic improvement of vegetable crops - Pergamon Press, Oxford, 737–746.
- PÉCAUT P., 1995 - Les artichauts, Sauve qui Peut Sauve qui Veut 32: 6–7.
- PÉCAUT P., CORRE J., LOT H., MIGLIONI A., 1985 – Intérêt des plantes sains d'artichaut régénérées par la culture ‘in vitro’ – Pépiniéristes, Horticulteurs, Maraîchers, 256: 21-26.
- PECAUT P., FOURY C., 1992 - L'artichaut, in: Gallais A., Bannerot H. (Eds.), Amélioration des espèces végétales cultivées : objectifs et critères de sélection - INRA Paris, 460–470.
- PÉCAUT P., FOURY C., RICO F., MARTIN F., 1981 - Bilan d'un premier cycle de sélection de variétés d'artichaut à semer - in: 3° Congresso internazionale di studi sul carciofo, Bari, 615–627.
- PÉCAUT P., MARTIN F., 1994 - Recherches sur l'artichaut - INRA Editions, Paris, 9–13.

- PERSLEY G. J., 1992 – Beyond Mendel's garden: biotechnology in agriculture – In: Thottappilly G., Monti L. M., Mohan Raj A. W., Moore A. W. (Ed.), Biotechnology: enhancing research n tropical crops in Africa. Ibadan, Nigeria: CTA/IITA co-publication, pp. 11-19.
- PERRINO P., PACUCCI G., 1974 – Indagine su alcune tecniche di autofecondazione e di incrocio nel carciofo (*Cynara scolymus* L.) – Sementi Elette, 20, 4: 3-10.
- PERRINO P., PACUCCI G., 1974 - Indagine su alcune tecniche di autofecondazione e di incrocio nel carciofo (*Cynara scolymus* L.) - Sementi Elette, 20: 3–10.
- PERSLEY G. J., 1992 – Beyond Mendel's garden: biotechnology in agriculture – In: Thottappilly G., Monti L. M., Mohan Raj A. W., Moore A. W. (Ed.), Biotechnology: enhancing research n tropical crops in Africa. Ibadan, Nigeria: CTA/IITA co-publication, pp. 11-19.
- PETIT R.J., MOUSADIK A.E., PONS O., 1998 – Identifying populations for conservation on the basis of genetic markers – Conserv. Biol., 12: 844-855.
- PHAM-DELÈGUE M.H., FONTA C., MASSON C., DOUAULT P., 1985 - Etude comparée du comportement de butinage d'insectes polliniseurs (abeilles domestiques *Apis mellifica* L. et bourdons *Bombus terrestris* L.) sur les lignées parentales d'hybrides de tournesol *Helianthus annuus* L. - Oecol. Applic., 6: 47–67.
- PIGNONE D., SONNANTE G., 2004 – Wild artichokes of south Italy: did the story begin here? – Genet Resour Crop Ev, 51: 577-580.
- PINELLI P., AGOSTINI F., COMINO C., LANTERI S., PORTIS E., ROMANI A., 2007 – Simultaneous quantification of caffeoyl esters and flavonoids in wild and cultivated cardoon leaves – Food Chem, 105: 1695-1701.
- PINZAUTI M., FREDIANI D., TESI R., 1981 – Osservazioni sull'impollinazione entomofila del carciofo – Atti III Convegno Internazionale Carciofo, 605-615, Bari. Ed. Laterza, Bari.
- PISANU A. B., MALLICA G. M., BAGHINO L., CADINU M., REPETTO A., LANTERI S., PORTIS E., SABA E., 2004 – Yield and biometric characteristics of nine clones selected from the population of “Spinoso sardo” artichoke - Acta Hort 660: 83-89.
- PITTER M.H., ERNST E., 1998 – Artichoke leaf extract for serum for serum cholesterol reduction – Perfusion, 11: 338-340.
- POCHARD E., FOURY C., CHAMBONNET D., 1968 - Il miglioramento genetico del carciofo, in: Atti 1° Cong Intern. sul Carciofo, Bari, Italia, 20–24 November 1967, Ed. Minerva Medica, 117–143.
- POCHARD E., FOURY C., CHAMBONNET D., 1969 – Il miglioramento genetico del carciofo – Atti I Congresso Internazionale Studi sul Carciofo, 177-143, Bari. Ed. Minerva Medica, Torino.

- PORCEDDU E., DELLACECCA V., BIANCO V.V., 1976 – Classificazione numerica di cultivar di carciofo – Atti II Congresso Internazionale Carciofo, 1105-1119, Bari. Ed. Minerva Media, Torino.
- PORCELLI S., 1968 - Miglioramento genetico del carciofo attraverso l'incrocio intervarietale, in: Atti I Congr. Inter Studi sul Carciofo, Bari, Italia, 20–24 November 1967 - Ed. Minerva Medica, 175–179.
- PORTIS E., LANTERI S., 1998 – Tecniche di miglioramento e valutazione della qualità del seme – Convegno “Produzione e certificazione di materiale cementiero e vivaistico biologico: stato dell’arte e prospettive” – 8-9 ottobre, Bologna.
- PORTIS E., LANTERI S., 1998 – Nuovi sviluppi nell’analisi molecolare dell’effetto di trattamenti di stimolazione osmotica in semi di specie ortive – Sementi Elette, 6: 33-37.
- PORTIS E., COMINO C., ACQUADRO A., LANTERI S., MAUROMICALE G., 2004 – AFLP (amplified fragment length polymorphism) analysis of genetic variation in Sicilian populations of wild cardoon [*Cynara cardunculus* L. var. *sylvestris* (Lamk) Fiori] - Acta Hort 660: 229-234.
- PORTIS E., MAUROMICALE G., BARCHI L., MAURO R., LANTERI S., 2005a – Population structure and genetic variation in autochthonous globe artichoke germplasm from Sicily Island – Plant Sci, 168: 1591-1598.
- PORTIS E., ACQUADRO A., COMINO C., MAUROMICALE G., SABA E., LANTERI S., 2005b – Genetic structure of island populations of wild cardoon [*Cynara cardunculus* L. var. *sylvestris* (Lamk) Fiori] detected by AFLPs and SSRs – Plant Sci, 169: 199-210.
- PORTIS E., BARCHI L., ACQUADRO A., MACUA J.I., LANTERI S., 2005c – Genetic diversity assessment in cultivated cardoon by AFLP (amplified fragment length polymorphism) and microsatellite markers – Plant Breeding, 124: 299-304.
- PORTIS E., ACQUADRO A., ALBERTINI M., LANTERI S., 2005 – M- AFLP based development of microsatellites for characterisation of *Cynara cardunculus* L. germplasm – Proceedings of the International Workshop “The role of biotechnology for the characterisation and conservation of crop, forestry, animal and fisher genetic resources”: 205-206.
- PORTIS E., MAUROMICALE G., ACQUADRO A., COMINO C., MAURO R., LANTERI S., 2006 – Sviluppo e applicazioni di marcatori molecolari per l’analisi dell’agrobiodiversità in carciofo e cardo - Italus Hortus, 13 (2): 396-399.
- PORTIS E., ACQUADRO A., MAGURNO F., LANTERI S., MAUROMICALE G., MAURO R., 2007 – First linkage maps of artichoke using PCR-derived markers – Acta Hort 730: 67-73.

- PORTIS E., ACQUADRO A., MAURO R., MAUROMICALE G., LANTERI S., 2007 – Sviluppo di mappe genetico-molecolari in *Cynara cardunculus* L. – Italus Hortus, 14 (2): 67.
- PORTIS E., MAUROMICALE G., MAURO R., ACQUADRO A., SCAGLIONE D., LANTERI S., 2009 – Construction of a reference molecular linkage map of globe artichoke (*Cynara cardunculus* var. *scolymus*)– Theor Appl Genet, 120 : 59-70.
- PORTIS E., ACQUADRO A., LONGO AMG., MAURO R., MAUROMICALE G., and LANTERI S., 2010 – Potentiality of *Cynara cardunculus* L. as energy crop – J Biotechol, 150 : S165-S166.
- POST G. E., DINSMORE J. E., 1933 – Flora of Syria, Palestine and Sinai – Vol. 2, American Press, Beirut, pp. 94-95.
- POWELL W., MORGANTE M., ANDRE C., HENAFAY M., VOGEL J., TINGEY S., RAFALSKI A., 1996 - The comparison of RFLP, RAPD, AFLP and SSR (microsatellite) markers for germplasm analysis. - Mol Breed, 2: 225–238.
- PRINCIPE J. A., 1984 – Male-sterility in Artichoke – HortScience, 19 (6): 864.
- QUAGLIOTTI L., PORTIS E., 1999 – Le sementi biologiche, con particolare riguardo a quelle ortive – Sementi Elette, 2: 7-9.
- RABINOWITCH H.D., FAHN A., MEIR T., LENSKY Y., 1993 - Flower and nectar attributes of pepper (*Capsicum annuum* L.) plants in relation to their attractiveness to honey bees (*Apis mellifera* L.) - Ann. Appl. Biol., 123: 221–232.
- REITER R.S., WILLIAMS J.G.K., FELDMANN K.A., RAFALSKI J.A., TINGEY S.V., SCLONIK P.A., 1992 – Global and local genome mapping in *Arabidopsis thaliana* by using recombinant inbred lines and random amplified polymorphic DNAs – Proc. Natl. Acad. Sci. USA, 89: 1477-1481.
- RESTUCCIA G., MAUROMICALE G., 1981 – La “contemporaneità di emissione” dei capolini e sue relazioni con il decorso della maturazione e con le rese in tipi di carciofo a produzione autunnale o primaverile – Atti III Congresso Internazionale di Studi sul Carciofo, Bari 27 – 30 novembre 1979.
- RIESEBERG L.H., KIM M.J., SEILER G.J., 1999 - Introgression between the cultivated sunflower and a sympatric wild relative, *Helianthus petiolaris* (Asteraceae). - Int J Plant Sc, 160: 102-108.
- RITLAND K., 1983 – Estimation of mating systems – In: Tanksley S. D. e Orton T. J., (Ed.), Isozymes in Plant Genetics Breeding, pp.289-301. Elsevier Publishers, Amsterdam, The Netherlands.
- RODET G., TORRE GROSSA J.P., BONNET A., 1991 - Foraging behavior of *Apis mellifera* L. on male-sterile and male-fertile inbred lines of carrot (*Daucus carota* L.) in gridded enclosures - Acta Hort., 288: 371–375.

- ROHLF F. J., 1993 – NTSYS-pc: numerical taxonomy and multivariate analysis system. Version 1.8 – State Univ. of New York, Stony Brook.
- ROTTEMERG A., ZOHARY D., 1996 – The wild ancestry of cultivated artichoke – Genetic Resources and Crop Evolution, 43: 53-58.
- ROTTEMERG A., ZOHARY D., 2005 – Wild genetic resources of cultivated artichoke – Acta Hort, 681: 307-314.
- ROTTEMERG A., ZOHARY D., NEVO E., 1996 – Isozyme relationship between cultivated artichoke and the wild relatives - Gen Resour Crop Ev, 43: 59-62.
- ROSENDAHL S., TAYLOR J.W., 1997 - Development of multiple genetic markers for studies of genetic variation in *Arbuscular mycorrhizal* fungi using AFLP(TM). - Mol Ecol 6 (9): 821-829.
- RUSSELL J.R., FULLER J.D., MACAULAY M., HATZ B.G., JAHOOR A., POWELL W., WAUGH R., 1997 - Direct comparison of levels of genetic variation among barley accessions detected by RFLPs, AFLPs, SSRs and RAPDs. - Theor Appl Genet, 95: 714–722.
- RUSSELL J.R., WEBER J.C., BOOTH A., POWELL W., SOLETO-MONTES C., DAWSON I.K., 1999 - Genetic variation of *Calycocephalum spruceanum* in the Peruvian Amazon Basin, revealed by amplified fragment length polymorphism (AFLP) analysis. - Mol Ecol, 8: 199-204.
- RYDER E. Y., DE VOS N. E., BARI M. A., 1983 – The globe artichoke (*Cynara scolymus* L.) – Hort Sci, 18: 646 – 653.
- SALIBA-COLOMBANI V., CAUSSE M., GERVAIS L., PHILOUZE J., 2000 - Efficiency of RFLP, RAPD, and AFLP markers for the construction of an intraspecific map of the tomato genome. – Genome, 43 (1): 29-40.
- SALOMÃO A. T., MARTINS L. F., RIBEIRO R. S., ROMERO G. Q., 2006 - Effects of Patch Size and Floral Herbivory on Seed Set in *Trichogoniopsis adenantha* (Asteraceae) in Southeastern Brazil1 - Biotropica, 38: 272-275.
- SASANUMA T., CHABANE K., ENDO T.R., VALKOUN J., 2002 - Genetic diversity of wheat wild relatives in the Near East detected by AFLP. – Euphytica, 127 (1): 81-93.
- SCAGLIONE D., ACQUADRO A., PORTIS E., TAYLOR C.A., LANTERI S., KNAPP S.J., 2009 - Ontology and diversity of transcript-associated microsatellites mined from a globe artichoke EST database - BMC Genomics, 10: 454.
- SCALFI M., TROGGIO M., PIOVANI P., LEONARDI S., MAGNASCHI G., VENDRAMIN G., MENOZZI P., 2004 – A RAPD, AFLP and SSR linkage map, and QTL analysis in European beech (*Fagus sylvatica* L.) – Theor. Appl. Genet., 108: 433–441.

- SCHNEIDER S., KUEFFER J. M., ROESSLI D., EXCOFFIER L., 1995 – *Arlequin* version 1.1. A software for population genetic data analysis – University of Geneva, Switzerland.
- SCHOEN D.J., BROWN A.D.H., 1993 – Conservation of allelic richness in wild crop relatives is aided by assessment of genetic diversity of genetic markers – Proc. Natl. Acad. Sci., 90: 10623-10627.
- SEMBLAT J.P., WAJNBERG E., DALMASSO A., ABAD P., CASTAGNONE-SERENO P., 1998 - High-resolution DNA fingerprinting of parthenogenetic root-knot nematodes using AFLP analysis. - Mol Ecol 7 (1): 119-125.
- SHARMA S.K., KNOX M.R., ELLIS THN 1996 - AFLP analysis of the diversity and phylogeny of *Lens* and its comparison with RAPD analysis. - Theor Appl Genet, 93: 751–758.
- SILVA, S. V.; MALCATA, F. X., 2005 - Studies pertaining to coagulant and proteolytic activities of plant proteases from *Cynara cardunculus*. Food Chem., 89: 19–26.
- SLANINA J., TABORSKA E., BOCHORAKOVA H., SLANINOVA I., HUMPA O., ROBINSON W., SCHRAM K., 2001 – New and facile method of preparation of the anti-HIV-1 agent, 1,3-dicaffeoylquinic acid – Tetrahedron Letters 42: 3383-3385.
- SLATKIN M., 1987 – Gene flow and the geographic structure of natural populations – Science, 236: 787-792.
- SOKAL R.R., ROHLF F.J., 1995 – Biometry - 3d. ed. Freeman, San Francisco.
- SONNATE G., PIGNONE D., HAMMER K 2007 – The domestication of artichoke and cardoon: from roman times to the genomic age. – Ann bot, 100: 1095-1100.
- SOUTHERN E., 1975 – Detection of specific sequences among DNA fragments separated by gel electrophoresis – J. Molec. Biol., 98: 508-517.
- STAM P., VAN OOIJEN J. W., 1995 – JOINMAP™ version 2.0: software for the calculation of genetic linkage maps – CPRO-DLO, Wageningen, The Netherlands.
- STAM P., VAN OOIJEN J.W., 1995 – JoinMap version 2.0: software for the calculation of genetic linkage maps – CPRO-DLO, Wageningen, The Netherlands.
- STAUB J. E., KUHNS L. J., MAY B., GRUN P., 1982 – Stability of potato tuber isozymes under different storage regimes – J. Am. Sci., 107: 405-408.
- STEIGER D.L., NAGAI C., MOORE P.H., MORDEN W., OSGOOD V., MING R., 2002 - AFLP analysis of genetic diversity within and among *Coffea arabica* cultivars. - Theor Appl Genet, 105 (2-3): 209-215.
- STRAND M., PROLLA T. A., LISKAY R. M., PETES T. D., 1993 – Destabilization of tracts of simple repetitive DNA in yeast by mutation affecting DNA mismatch repair – Nature, 365: 274-276.

- TABER S., 1978 - Rearing honey bees when you need them - Am. Bee J. 118: 408-411.
- TALAVERA S., 1987 – Notas taxonòmicas y carològicas sobre la flora Andalucia occidental. Nota 22 – Lagasca, 9: 219-248.
- TANKSLEY S.D., GANAL M.W., PRINCE J.P., DE VICENTE M.C., BONIERBALE M.W., BROUN P., FULTON T.M., GIOVANNONI J.J., GRANDILLO S., MARTIN G.B., MESSEGUE R., MILLER J.C., MILLER L., PATERSON A.H., PINEDA O., RÖDER M.S., WING R.A., WU W., YOUNG N.D., 1992 – High density molecular linkage maps for the tomato and potato genomes – Genetics, 132: 1141-1160.
- TEREFEWORK Z., KAIJALAINEN S., LINDSTROM K., 2001- AFLP fingerprinting as a tool to study the genetic diversity of *Rhizobium galegae* isolated from *Galega orientalis* and *Galega officinalis*. - J Biotechnol 91 (2-3): 169-180 Sp. Iss.
- TESI R., 1976 – Primi risultati del miglioramento genetico nelle varietà toscane di “*Cynara cardunculus v. scolymus L.*” – Atti II Congresso Internazionale Carciofo, 747-763, Bari. Ed. Minerva Medica, Torino.
- TOHME J., GONZALEZ D.O., BEEBE S., DUNQUE M.C., 1996 - AFLP analysis of gene pools of a wild bean core collection. - Crop Sci,36 (5): 1375-1384.
- TORICES R., MÉNDEZ M., 2011 - Influence of inflorescence size on sexual expression and female reproductive success in a monoecious species - Plant Biology, 13: 78-85.
- TORRES C., GALETTO L., 2002 - Are Nectar Sugar Composition and Corolla Tube Length Related to the Diversity of Insects that Visit Asteraceae Flowers? - Plant Biology, 4: 360-366.
- TRIANTAPHYLLIDIS G.V., CRIEL G.R.J., ABATZOPOULOS T.J., THOMAS K.M., PELEMAN J., BEARDMORE J.A., & SORGELOOS P., 1997 - International Study on Artemia .57. Morphological and molecular characters suggest conspecificity of all bisexual European and North African Artemia populations. - Mar Biol, 129 (3): 477-487.
- TRIGO COLINA I., 1981 – Étude du comportement clonal de la population d’artichaut ‘Blanca de España’ cultivée dans la valée de l’Ebre – Atti III Congresso Internazionale di Studi sul Carciofo, 629-638, Bari. Ed. Laterza, Bari.
- UPOV 2001 – Guidelines for the conduct of tests for distinctness, uniformità and stability. Globe artichoke (*Cynara scolymus L.*) (*Cynara cardunculus* var. *scolymus* L.). Ginevra (Switzerland), pp 26.
- UDE G., PILLAY M., NWAKANMA D., *et al.* 2002 - Analysis of genetic diversity and sectional relationships in *Musa* using AFLP markers. - Theor Appl Genet, 104 (8): 1239-1245.

- VAISSIÈRE B.E., MOFFETT J.O., LOPER G.M., 1984 - honey bees (*Apis mellifera* L.) as pollinators for hybrid cotton seed production on the Texas High Plains - Agron. J. 76: 1005–1010.
- VALDES A. M., SLATKIN M., FREIMER N. B., 1993 – Allele frequencies at microsatellite loci: the stepwise mutation model revisited – Genetics, 133: 737-749.
- VALLEJOS C.E., SAKIYAMA N.S., CHASE C.D., 1992 – A molecular marker-based linkage map of *Phaseolus vulgaris* L. – Genetics, 131: 733-740.
- VAN DER HULST R.G.M., MES T.H.M., DEN NIJS J.C.M., BACHMANN K., 2000 - Amplified fragment length polymorphism (AFLP) markers reveal that population structure of triploid dandelions (*Taraxacum officinale*) exhibits both clonality and recombination. - Mol Ecol, 9 (1): 1-8
- VAN DER LEE T., DE WITTE I., DRENTH A., ALFONSO C., GOVERS F., 1997 - AFLP linkage map of the oomycete *Phytophthora infestans*. - Fungal Genet Biol, 21 (3): 278-291.
- VAN DER WERF H.M.G., MEIJER W.J.M., MATHIJSEN E.W.J.M., DARWINKEL A., 1993 – Potential dry matter production of *Miscanthus sinensis* in the Netherlands – Ind. Crops and Prod., 1: 203-210.
- VANEECHOUTTE M., 1996 - DNA fingerprinting techniques for microorganisms. A proposal for classification and nomenclature. - Mol. Biotechnol., 6: 115–142.
- VEKEMANS X., BEAUWENS T., LEMAIRE M., ROLDAN-RUIZ I., 2002 – Data from amplified fragment length polymorphism (AFLP) markers show indication of size homoplasy and a relationship between degree of homoplasy and fragment size – Mol. Ecol., 11: 139-151.
- VIDAL W. N., VIDAL M. R. R., 2000 – Botànica – organografia; quadros ninòticos ilustrados de fanerògamos. 4° ed. Vicens: UVF, 124
- VIOLANTE P., 2000 – Metodi di analisi del suolo – IV, 1-4, Franco Angeli (Ed.), Milano (Italia).
- VODENICHAROVA M., 1989 – Use of proteins as molecular-genetic markers in plant – Genet. Sel., 22: 269-277.
- VOORRIIPS R.E., 2002 – MapChart: Software for the graphical presentation of linkage maps and QTLs – J. of Hered., 93: 77–78.
- VOS P., HOGERS R., BLEEKER M., REIJANS M., VAN DE LEE T., HORNES M., FRIJTERS A., POT J., PELEMAN J., KUIPER M., ZABEAU M., 1995 – AFLP: a new technique for DNA fingerprinting – Nucleic Acids Res., 23: 4407-4414.
- WAUGH R., McLEAN K., FLAVELL A. J., PEARCE S. R., KUMAR A., THOMAS B. B., POWELL W., 1997 – Genetic distribution of Bare-1-like retrotransposable elements

in the barley genome revealed by sequence-specific amplification polymorphism (S-SAP)
– Mol Gen. Genet, 253: 687-694.

- WEBBER C.L., 1993 – Crude protein and yield components of six kenaf cultivars as affected by crop maturity – Ind. Crops and Prod., 2: 27-31.
- WEEDEN N., 1994 – Approaches to mapping in horticultural crops – In: Gressho P. (Ed.), Plant Genome Analysis. CRC Press, Boca Raton, pp. 57-68.
- WELSH J., McCLELLAND M., 1990 – Fingerprinting genomics using PCR with arbitrary primers – Nucl. Acids Res., 24: 7213-7218.
- WIKLUND A., 1989 – A study of the morphological variability in *Cynara humilis* L. and *C. hystrix* Ball. (Asteraceae-Cardueae) – Lazaroa, 11: 19-27.
- WIKLUND A., 1992 – The genus *Cynara* L. – Bot. J. of Lin. Soc., 109: 75-123.
- WILLIAMS J. G. K., KUBELIK A. R., LIVAK K. L., RAFALSKI J. A., TINGEY S. V., 1990 – DNA polymorphism amplified by arbitrary primers are usefull as genetic markers – Nucl. Acids Res., 22: 6531-6535.
- WILLKOMM M., LANGE J., 1870 – Flora Hispanicae – Schweizerbart, Stuttgat.
- WRIGHT S., 1965 – The interpretation of population structure by F-statistics with special regard to system of mating - Evolution, 19: 395-420.
- WONG A., FORBES M.R., SMITH M.L., 2001 - Characterization of AFLP markers in damselflies: prevalence of codominant markers and implications for population genetic applications. – Genome, 44 (4): 677-684.
- WU S.B., COLLINS G., SEDGLEY M., 2004 – A molecular linkage map of olive (*Olea europaea* L.) based on RAPD, microsatellite, and SCAR markers – Genome, 47: 26-35.
- YEH F. C., YANG R. C., BOYLE T., 1997 – POPGENE version 1.21 – CIFOR and University of Alberta, Canada.
- ZIETKIEWICZ E., RAFALSKI A., LABUDA D., 1994 – Genome fingerprinting by simple sequence repeats (SSR)-anchored polymerase chain reaction amplification – Genomics, 20: 176-183.
- ZOHARY D., BASNIZKI J., 1975 – The cultivated *Cynara scolymus*. Its probable ancestors – Econ Bot, 29: 233-235.