

CURRICULUM VITAE



PERSONAL INFORMATION

Name **PAOLO SAMBO**
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Nationality [REDACTED]
Date of birth [REDACTED]

EDUCATION

- Date 27/01/1998
- Institution University of Padova
Institute of Agronomy and crop production
- Topic of the cours Title: "*Physiology of root system of herbaceous plants and their efficiency of nitrogen uptake and utilization*"
- Qualification PhD course in Environmental Agronomy

- Date 30/03/1993
- Institution University of Padova
Institute of Agronomy and crop production
- Topic of the cours Title: "*Effects of soil tyuoe and nitrogen fertilization on nitrogen fixation rate insoybean (glicine max (L.) Merr.)*"
Title: "*Constitution of a letarature data set*"
- Qualification Laurea in Scienze Agrarie – Abilitazione in Dottore Agronomo (Master in Agriculture)
- Grade 110/110

- Date 1983
- Institution Istituto Statale di Istruzione Secondaria Superiore " G.B. Cerletti" – Conegliano V.to (TV)
- Topic of the cours Scuola di Enologia
- Qualification
- Grade 46/60

WORKING EXPERIENCE

Since September 2015 Full professor of Vegetable and Ornamental plants at the University of Padova

Since summer 2005 is Adjunct Professor at the il Dept. of Horticulture of the University of Arkansas.

2007 - 2015 works as Associate Professor of Vegetable and Ornamental plants at the University of Padova.

In year 2003 spend a six months period research at the Dept. of Horticulture of Iowa State University to study organic vegetable production. In the same year starts to collaborate with Prof. Michael R. Evans of the Dept. of Horticulture of the University of Arkansas.

January 1999 positively defends his PhD thesis on "Physiology of root system of herbaceous plants and their efficiency of nitrogen uptake and utilization".

August 1998 starts to work as a "Researcher" in the sector G02C (AGR04), at the Department of Environmental Agronomy and Plant Production of the University of Padova working in the Vegetables and Ornamental Plants group with Prof. Pimpini and Prof. Prosdocimi Gianquinto.

In April 1997 gets a grant from the Italian National Council for Research (CNR) (Short Term Mobility Program) to carry out a six months research period at the "Institute of Plant Nutrition of the University of Hohenheim (Stoccarda DE)" working with Dr. C. Engels on Nitrogen Use Efficiency.

In November 1996 starts his PhD on Environmental Agronomy at the Department of Environmental Agronomy and Plant Production of the University of Padova.

In January 1994 wins a 2 year assistantship from the Italian National Council for Research (CNR), to work on "Monitoring of environmental resources and functioning of agro ecosystems".

From 1993 and for 11 months works as graduate student at the "Istituto di Agronomia Generale e Coltivazioni Erbacee" to set up a "New method to measure nitrogen fixation in soybean".

Others

Member of the Italian Society of Horticulture (SOI) and of the International Society of Horticultural Science (ISHS) since 1999 and of the American Society of Horticulture since 2003

He has been:

Committee for Internship of the program in Agricultural Science and Technology

Secretary of the program in Agricultural Science and Technology

College Committee for English language and Internazionalization

Member of national board the Italian Society of Horticulture (SOI) for 12 years

He has been Coveneer of the Xth National Conference of the Italian Society of Horticulture .

At the moment is:

- President of the undergraduate and graduate course in Agricultural Science and Technology
- Responsible of the Erasmus Flux with the "Universidad Politecnica de Cartagena" (ES)
- Responsible for Didactics of the Department (DAFNAE)
- Member of the PhD Course in Crop Science
- National coordinator of the recruitment committee
- National coordinator of teaching for Agricultural programs

TEACHING ACTIVITIES

Courses taught at University

Academic year 201/20

- Corso di "Alimenti di Origine Vegetale" (Plant based food) - 64 ore - 8 CFU - Laurea triennale in "Scienze e Cultura della Gastronomia e Ristorazione".
- Corso di "Orticoltura" (Vegetable production) - 48 ore - 6 CFU - Laurea triennale in "Scienze e tecnologie agrarie".
- Corso di Produzioni Orticole Biologiche (Organic Vegetable production) - 48 ore - 6CFU - Laurea in "Tecniche e gestione delle produzioni biologiche vegetali"
- Corso di "Colture protette" (Protected cultivation) - 48 ore - 6 CFU - Laurea magistrale in "Scienze e tecnologie agrarie".

Academic year 2015/2016 - 2018/19

- Corso di "Alimenti di Origine Vegetale" (Plant based food) - 64 ore - 8 CFU - Laurea triennale in "Scienze e Cultura della Gastronomia e Ristorazione".

- Corso di “Orticoltura” (Vegetable production) - 48 ore – 6 CFU - Laurea triennale in “Scienze e tecnologie agrarie”.
- Plant Biodiversity and food – 48 ore – 6CFU – Laurea magistrale in “Italian food and wine”.
- Corso di “Colture protette” (Protected cultivation) - 48 ore – 6 CFU - Laurea magistrale in “Scienze e tecnologie agrarie”.

Academic years 2010/2014

- Corso di “Alimenti di Origine Vegetale” - 64 ore – 8 CFU - Laurea triennale in “Scienze e Cultura della Gastronomia e Ristorazione”.
- Corso di “Orticoltura” - 48 ore – 6 CFU - Laurea triennale in “Scienze e tecnologie agrarie”.
- Plant Biodiversity and food – 48 ore – 6CFU – Laurea magistrale in “Italian food and wine”.

Accademic year 2009/2010

- Corso di “Lingua inglese” – 4 CFU - Laurea triennale in “Scienze e tecnologie agrarie”.
- Corso di “Alimenti di Origine Vegetale” - 64 ore – 8 CFU - Laurea triennale in “Scienze e Cultura della Gastronomia e Ristorazione”.
- Corso di “Colture protette” - 64 ore – 8 CFU - Laurea magistrale in “Scienze e tecnologie agrarie”.
- Corso di “Orticoltura” - 64 ore – 8 CFU - Laurea triennale in “Scienze e tecnologie agrarie”.
- Corso di “Sustainable horticulture” - 32 ore – 4 CFU - Laurea magistrale in “Scienze e tecnologie agrarie”.

Accademic year 2009/2008

- Corso di “Lingua inglese” – 4 CFU - Laurea triennale in “Scienze e tecnologie agrarie”.
- Corso di “Alimenti di Origine Vegetale” - 64 ore – 8 CFU - Laurea triennale in “Scienze e Cultura della Gastronomia e Ristorazione”.
- Corso di “Colture protette” - 64 ore – 8 CFU - Laurea magistrale in “Scienze e tecnologie agrarie”.
- Corso di “Orticoltura” - 64 ore – 8 CFU - Laurea triennale in “Scienze e tecnologie agrarie”.

Accademic year 2007-2008

- Corso di “Alimenti di Origine Vegetale” - 64 ore – 8 CFU - Laurea triennale in “Scienze e tecnologie agrarie”.
- Corso di “Orticoltura” - 64 ore – 8 CFU - Laurea triennale in “Scienze e tecnologie agrarie”.
- Corso di “Lingua inglese” – 32 ore - 4 CFU - Laurea triennale in “Scienze e tecnologie agrarie”.
- Corso di “Sustainable Horticulture” – 32 ore - 4 CFU – Laurea magistrale in “Scienze e tecnologie agrarie” – tenuto in lingua Inglese.
- Corso di “Colture Protette” – 64 ore - 8 CFU - Laurea magistrale in “Scienze e tecnologie agrarie”.

Academic year 1999/2000 till academic year 2007/2008:

- Corso di “Tecniche Vivaistiche delle specie orticole e floricole” – 60 ore - nel Diploma Universitario in “Produzioni Vegetali orientamento Vivaismo Ortofloricolo”.

Teaching and organization of international courses and conferences”

- Summer School in “Food safety and Quality Assesment of plant based food” – Korcha – Albania – 12-16 October 2009 (teaching)
- Summer School in “Food safety and Quality Assesment of plant based food” – Botucatu - Brasile – 8-10 September 2010 (organization and teaching)
- Course on “Validacao da qualidade pos-colheita de vegetais” – Vitoria da Conquista – (Brasile) 16 september 2010 (Teaching).
- Summer School in “Sustainable vegetable production” (July 2010) Legnaro (Organization and teaching)
- Winter School in “Sustainable vegetable production” (January 2011) – Kartuom (Sudan) (Organization and teaching)
- Spring School in “Qualità degli Alimenti e Sicurezza alimentare” (September 2012) – Botucatu (Brasile) (Teaching)
- XX Conference of Italian Society of Horticultural Science (organization) Legnaro (June 2013)
- Spring School in “Qualità degli Alimenti e Sicurezza alimentare” (September 2013) – Botucatu (Brasile) – (Teaching)

- Sping School in “Qualità degli Alimenti e Sicurezza alimentare” (September 2014) – Botucatu (Brasile) (Teaching)
- Intensice Course on “Hydroponics and soilless cultivation” (February-March 2019) – Urgench – (Uzbekistan) – (Teaching)

Other Teaching Activities:

- Supervisor of 8 PhD students already graduated in Italy;
- Co-supervisor of 1 PhD student at the University of Arkansas - UARK (USA) already graduated;
- Supervisor of 2 PhD student within the program “Science without Frontiers” (Brasil);
- Member committee of an American grad student at the University of Arkansas.
- Advisor of more than 50 undergrad students;
- Advisor of more than 30 grad students;

RESEARCH ACTIVITIES

All research activities are focused on improving quality of produce, minimizing environmental pollution, and maintaining and improving sustainability of crops. The research topics can be summarized as follow:

- Quality of vegetable production and post harvest physiology
 - Nitrate accumulation in leafy vegetables, effect of fertilization techniques and environment
 - Vegetables as a natural antioxidant source. Agronomic, qualitative and analytical aspects
 - Comparison between conventional and organic vegetables
 - Carbon partitioning and carbohydrate metabolism in radicchio during post harvest
 - Effects of growing techniques on quantity and quality of production
- Vegetable crop physiology and fertilization
 - Nitrogen uptake kinetics in different crops: effect of different N availability
 - Nitrate reductase activity in different crops: effect of different N availability
 - Chlorophyll meter – SPAD utilization as a tool for nitrogen fertilization management
 - CropScan radiometer utilization as a tool for nitrogen fertilization management
 - Dynamic optimization of nitrogen fertilization in order to maximize yield and reduce environmental pollution
 - Effect of mineral and organic fertilizers on yield and quality of vegetables
- Protected environment and soil less culture
 - Greenhouse climate management. Methods of monitoring and manipulating environmental conditions
 - Nutrient solution management in NFT systems and quality of production
 - Nutrient solution management in floating system to improve quality and quantity of production in an environmentally sound way
- Growing media
 - Hydraulic and agronomic characterization of new growing media
 - Irrigation management for substrate grown crops
- Propagation and vegetable transplant production
 - Seed germination, and pre sowing treatments (soaking and osmo-priming)
 - Effect of nutrient solution on quality of transplants
- Floriculture
 - Use of selenium to improve shelf life of cut flowers
 - New soil-less techniques to grow cut flower
- Organic vegetable crop production
 - Fertilization and growing techniques for old and new crops
 - Cover crops

Research projects and grant:

Role (planning activities, project management and monitoring):

- Principal Investigator in 13 different research project funded by The Veneto region within the PSR program.

- Progetto d'Ateneo (Università di Padova) "Antiossidanti naturali: aspetti agronomici, qualitativi e analitici", per gli anni 2000-2001.
- Azione concertata EUROPP - Efficiency in Use of Resources: Optimization in Potato Production, finanziata dall'UE (contratto n° CT96 1560) negli anni 1997-2000 (coordinatore dr. DKL MacKerron).
- Progetto MURST cofin ex 40% (2002-2003) "Sostanze ad azione antiossidante di origine vegetale e qualità degli alimenti" (responsabile nazionale: prof. P. Spettoli). Titolo della ricerca dell'U.O. Università di Padova "Influenza delle tecniche agronomiche e dei sistemi colturali sul contenuto di composti ad azione antiossidante in ortaggi".
- Progetto CRAFT "GHIS-GreenHouse Integrated System", finanziato dall'UE negli anni 2001-2002 (coordinatore Maniero Elettronica s.a.s).
- Progetto MURST cofin ex 40% (1997-1999): "La concimazione azotata in specie ortive di pieno campo: aspetti ecofisiologici, qualitativi e ambientali" (U.O. Università di Padova, responsabile: prof. F. Pimpini) nell'ambito del progetto nazionale "Compatibilità ambientale e qualificazione delle produzioni nei principali sistemi orticoli nazionali" (responsabile nazionale: prof. L. Basoccu).
- Progetto MURST ex60% (1999-2000): "Aspetti ecofisiologici dell'assorbimento di azoto in piante orticole" (Università di Padova, responsabile: prof. F. Pimpini).
- Progetto CNR (1994-1999): "Arbusti ornamentali in contenitore: aspetti ecofisiologici e metodi di valutazione estetica" (responsabile: prof. F. Pimpini) nell'ambito del progetto coordinato "Arbusti ornamentali per la valorizzazione del paesaggio" (responsabile nazionale: prof. E. Accati Garibaldi).
- Progetti finanziati dall'ESAV (1995-1999): "Studio di tecniche innovative per la forzatura-imbianchimento del radicchio e aspetti ecofisiologici della nutrizione minerale" e "Studio delle epoche di semina e influenza della concimazione azotata sul contenuto di nitrati in rucola" (responsabile: prof. F. Pimpini).
- Progetto MiPA (1997-1998): "Studio per ottimizzare l'impiego di linee di radicchio in fase avanzata di miglioramento, in aree meridionali" (U.O. Università di Padova, responsabile: prof. F. Pimpini) nell'ambito del progetto nazionale "Orticoltura" (responsabile nazionale: dr. V. Magnifico).
- Produzione Ecocompatibile di Ortaggi da Taglio (PECOT) (2003-2004) finanziato dalla Regione Veneto.
- Progetto MURST cofin ex 40% (2001-2003): "Sistemi colturali a basso impatto ambientale e qualità delle orticole", avente come coordinatore il Prof. Ferdinando Pimpini dell'Università di Padova.
- Progetto MURST cofin ex 40% (2002-2004): "Monitoraggio e valutazione agro-ambientale dell'attività orticola nel Veneto e possibilità di contenimento dell'impatto ambientale mediante sistemi di ottimizzazione della concimazione azotata", avente come coordinatore scientifico il Prof. Giorgio Prosdocimi Gianquinto dell'Università di Padova.
- M.U.R.S.T. 40% 2006 (periodo di attività 2007-2008) "Effetto della densità colturale, della composizione della soluzione nutritiva e delle modalità di conservazione sulla qualità post-raccolta di ortaggi per la IV gamma" (Coordinatore scientifico del progetto Prof. Giancarlo Barbieri, Responsabile scientifico dell'unità di ricerca Prof. Ferdinando Pimpini);
- Regione Veneto 2008 Art. 4 Progetto "Geroli" sulla produzione di oli essenziali da geranio per utilizzazione quale insetto-repellente (Responsabile scientifico Prof. Stefano Bona).
- M.U.R.S.T. 60% 2008 "Aspetti salutistici nutrizionali di prodotti orticoli tipici del Veneto";
- M.U.R.S.T. 60% 2009 "Caratterizzazione qualitativa di prodotti orticoli tipici del Veneto"
- M.U.R.S.T. 60% 2010 "Effetto dell'ambiente di coltivazione sulla composizione della bacca di piccoli frutti e sulla biodisponibilità della loro componente antiossidativa"
- M.U.R.S.T. 40% 2008 "Agricoltura conservativa per l'orticoltura di pieno campo: nuovi possibili utilizzi del compost" (Coordinatore nazionale Prof. Prosdocimi Gianquinto);

PUBLICATIONS

Research activity permitted to produce:

- 86 papers in ISI/SCopus journals;
- 8 chapters of books;

- 25 papers in national journals;
- 24 abstarcts in International conferences;
- 19 abstarcts in National conferences;

List of Papers

- 1) Paponov, I.A., Paponov, M., Sambo, P., Engels, C.. Differential Regulation of Kernel Set and Potential Kernel Weight by Nitrogen Supply and Carbohydrate Availability in Maize Genotypes Contrasting in Nitrogen Use Efficiency. (2020) *Frontiers in Plant Science*, 11, art. no. 586. DOI: 10.3389/fpls.2020.00586.
- 2) Giongo, L., Ajelli, M., Poncetta, P., Ramos-García, M., Sambo, P., Farneti, B.. Development of advanced mechanical techniques to phenotype raspberry and blackberry texture. (2020) *Acta Horticulturae*, 1277, pp. 433-440. DOI: 10.17660/ActaHortic.2020.1277.62.
- 3) Magro, M., Baratella, D., Colò, V., Vallese, F., Nicoletto, C., Santagata, S., Sambo, P., Molinari, S., Salviulo, G., Venerando, A., Basso, C.R., Pedrosa, V.A., Vianello, F.. Electrocatalytic nanostructured ferric tannate as platform for enzyme conjugation: Electrochemical determination of phenolic compounds. (2020) *Bioelectrochemistry*, 132, art. no. 107418. DOI: 10.1016/j.bioelechem.2019.107418.
- 4) Maucieri, C., Nicoletto, C., Zanin, G., Xiccato, G., Borin, M., Sambo, P.. Composition and quality traits of vegetables grown in a low-tech aquaponic system at different fish stocking densities. (2020) *Journal of the Science of Food and Agriculture*. DOI: 10.1002/jsfa.10475.
- 5) Palumbo, F., Galvao, A.C., Nicoletto, C., Sambo, P., Barcaccia, G.. Diversity analysis of sweet potato genetic resources using morphological and qualitative traits and molecular markers. (2019) *Genes*, 10 (11), art. no. 840. DOI: 10.3390/genes10110840.
- 6) Nicoletto, C., Zanin, G., Sambo, P., Dalla Costa, L.. Quality assessment of typical common bean genotypes cultivated in temperate climate conditions and different growth locations. (2019) *Scientia Horticulturae*, 256, art. no. 108599. DOI: 10.1016/j.scienta.2019.108599.
- 7) Nicoletto, C., Costa, L.D., Sambo, P., Zanin, G.. Distillery anaerobic digestion residues as fertilizers for field vegetable crops: Performance and efficiency in mid-term successions. (2019) *Agronomy*, 9 (8), art. no. 463. DOI: 10.3390/agronomy9080463.
- 8) Sambo, P., Nicoletto, C., Giro, A., Pii, Y., Valentinuzzi, F., Mimmo, T., Lugli, P., Orzes, G., Mazetto, F., Astolfi, S., Terzano, R., Cesco, S.. Hydroponic Solutions for Soilless Production Systems: Issues and Opportunities in a Smart Agriculture Perspective. (2019) *Frontiers in Plant Science*, 10, art. no. 923. DOI: 10.3389/fpls.2019.00923.
- 9) Maucieri, C., Nicoletto, C., Zanin, G., Birolo, M., Trocino, A., Sambo, P., Borin, M., Xiccato, G.. Effect of stocking density of fish on water quality and growth performance of European Carp and leafy vegetables in a low-tech aquaponic system. (2019) *PLoS ONE*, 14 (5), art. no. e0217561. DOI: 10.1371/journal.pone.0217561.
- 10) Nicoletto, C., Maucieri, C., Zanin, G., Vianello, F., Sambo, P.. Vegetables quality and biotic stress. (2019) *Plant Health Under Biotic Stress*, 1, pp. 107-128. DOI: 10.1007/978-981-13-6043-5_6.
- 11) Giongo, L., Ajelli, M., Poncetta, P., Ramos-García, M., Sambo, P., Farneti, B.. Raspberry texture mechanical profiling during fruit ripening and storage. (2019) *Postharvest Biology and Technology*, 149, pp. 177-186. DOI: 10.1016/j.postharvbio.2018.11.021.
- 12) Riahi, J., Nicoletto, C., Bouzaein, G., Ibrahim, M.H., Ghezal, I., Sambo, P., Khalfallah, K.K.. Optimization of offshoot outgrowth in globe artichoke using a combination of chemical and mechanical treatments. (2019) *Agronomy*, 9 (2), art. no. 104. DOI: 10.3390/agronomy9020104.
- 13) Nicoletto, C., Maucieri, C., Schmutz, Z., Borin, M., Sambo, P., Junge, R.. Babyleaf NFT production and water management in aquaponic system. (2018) *Acta Horticulturae*, 1215, pp. 159-164. DOI: 10.17660/ActaHortic.2018.1215.30.
- 14) de Oliveira Ferraz, E., Vieira, M.A.R., Ferreira, M.I., Fernandes, A., Marques, M.O.M., Minatel, I.O., Albano, M., Sambo, P., Lima, G.P.P.. Seasonality effects on chemical composition, antibacterial activity and essential oil yield of three species of *Nectandra*. (2018) *PLoS ONE*, 13 (9), art. no. e0204132. DOI: 10.1371/journal.pone.0204132.
- 15) Maucieri, C., Nicoletto, C., Junge, R., Schmutz, Z., Sambo, P., Borin, M.. Hydroponic systems and water management in aquaponics: A review. (2018) *Italian Journal of Agronomy*, 13 (1), art. no. 1012, pp. 1-11. DOI: 10.4081/ija.2017.1012.
- 16) Gobbi, V., Nicoletto, C., Zanin, G., Sambo, P.. Specific humus systems from mushrooms culture. (2018) *Applied Soil Ecology*, 123, pp. 709-713. DOI: 10.1016/j.apsoil.2017.10.023.

- 17) Nicoletto, C., Vianello, F., Sambo, P.. Effect of different home-cooking methods on textural and nutritional properties of sweet potato genotypes grown in temperate climate conditions. (2018) *Journal of the Science of Food and Agriculture*, 98 (2), pp. 574-581. DOI: 10.1002/jsfa.8499.
- 18) Maucieri, C., Forchino, A.A., Nicoletto, C., Junge, R., Pastres, R., Sambo, P., Borin, M.. Life cycle assessment of a micro aquaponic system for educational purposes built using recovered material. (2018) *Journal of Cleaner Production*, 172, pp. 3119-3127. DOI: 10.1016/j.jclepro.2017.11.097.
- 19) Nicoletto, C., Maucieri, C., Mathis, A., Schmautz, Z., Komives, T., Sambo, P., Junge, R.. Extension of Aquaponic Water Use for NFT Baby-Leaf Production: Mizuna and Rocket Salad. (2018) *Agronomy*, 8 (5), art. no. 75. DOI: 10.3390/agronomy8050075.
- 20) Zanella, A., Ponge, J.-F., Guercini, S., Rumor, C., Nold, F., Sambo, P., Gobbi, V., Schimmer, C., Chaabane, C., Mouchard, M.-L., Garcia, E., van Deventer, P.. Humusica 2, article 16: Techno humus systems and recycling of waste. (2018) *Applied Soil Ecology*, 122, pp. 220-236. DOI: 10.1016/j.apsoil.2017.09.037.
- 21) Mimmo, T., Tiziani, R., Valentinuzzi, F., Lucini, L., Nicoletto, C., Sambo, P., Scampicchio, M., Pii, Y., Cesco, S.. Selenium biofortification in fragaria × ananassa: Implications on strawberry fruits quality, content of bioactive health beneficial compounds and metabolomic profile. (2017) *Frontiers in Plant Science*, 8, art. no. 1887. DOI: 10.3389/fpls.2017.01887.
- 22) Nicoletto, C., Galvao, A., Maucieri, C., Borin, M., Sambo, P.. Distillery anaerobic digestion residues: A new opportunity for sweet potato fertilization. (2017) *Scientia Horticulturae*, 225, pp. 38-47. DOI: 10.1016/j.scienta.2017.06.048.
- 23) Riahi, J., Nicoletto, C., Bouzaein, G., Sambo, P., Khalfallah, K.K.. Effect of vegetative propagation materials on globe artichoke production in semi-arid developing countries: Agronomic, marketable and qualitative traits. (2017) *Agronomy*, 7 (4), art. no. 65. DOI: 10.3390/agronomy7040065
- 24) Maucieri, C., Nicoletto, C., Schmautz, Z., Sambo, P., Komives, T., Borin, M., Junge, R.. Vegetable intercropping in a small-scale aquaponic system. (2017) *Agronomy*, 7 (4), art. no. 63. DOI: 10.3390/agronomy7040063.
- 25) Ponchia, G., Passoni, M., Bonato, S., Nicoletto, C., Sambo, P., Zanin, G.. Evaluation of compost and anaerobic digestion residues as a component of growing media for ornamental shrub production. (2017) *Acta Horticulturae*, 1168, pp. 71-78. DOI: 10.17660/ActaHortic.2017.1168.10.
- 26) Maucieri, C., Nicoletto, C., Caruso, C., Sambo, P., Borin, M.. Effects of digestate solid fraction fertilisation on yield and soil carbon dioxide emission in a horticulture succession. (2017) *Italian Journal of Agronomy*, 12 (2), art. no. 800, pp. 116-123. DOI: 10.4081/ija.2017.800.
- 27) Nicoletto, C., Maucieri, C., Sambo, P.. Effects on water management and quality characteristics of ozone application in chicory forcing process: A pilot system. (2017) *Agronomy*, 7 (2), art. no. 29. DOI: 10.3390/agronomy7020029.
- 28) Peretto, G., Du, W.-X., Avena-Bustillos, R.J., De J. Berrios, J., Sambo, P., McHugh, T.H.. Electrostatic and Conventional Spraying of Alginate-Based Edible Coating with Natural Antimicrobials for Preserving Fresh Strawberry Quality. (2017) *Food and Bioprocess Technology*, 10 (1), pp. 165-174. DOI: 10.1007/s11947-016-1808-9.
- 29) Baratella, D., Magro, M., Jakubec, P., Bonaiuto, E., De Almeida Roger, J., Gerotto, E., Zoppellaro, G., Tucek, J., Safarova, K.C., Zbořil, R., Cecconello, A., Willner, I., Santagata, S., Sambo, P., Vianello, F.. Electrostatically stabilized hybrids of carbon and maghemite nanoparticles: Electrochemical study and application. (2017) *Physical Chemistry Chemical Physics*, 19 (18), pp. 11668-11677. DOI: 10.1039/c7cp01486d.
- 30) Nicoletto, C., Gobbi, V., Zanin, G., Sambo, P.. Morphological and dimensional traits in vegetables: Raised bed vs. flat soil. (2016) *Acta Horticulturae*, 1123, pp. 165-170. DOI: 10.17660/ActaHortic.2016.1123.23.
- 31) Schiavon, M., Berto, C., Malagoli, M., Trentin, A., Sambo, P., Dall'Acqua, S., Pilon-Smits, E.A.H.. Selenium biofortification in radish enhances nutritional quality via accumulation of methyl-selenocysteine and promotion of transcripts and metabolites related to glucosinolates, phenolics amino acids. (2016) *Frontiers in Plant Science*, 7 (September), art. no. 1371. DOI: 10.3389/fpls.2016.01371.

- 32) Nicoletto, C., Bonato, S., Santagata, S., Zanin, G., Sambo, P.. Effect of postharvest temperature and packaging on qualitative traits in strawberry. (2016) *Acta Horticulturae*, 1120, pp.303-309. DOI: 10.17660/ActaHortic.2016.1120.46.
- 33) Bonaguro, J.E., Coletto, L., Samuele, B., Zanin, G., Sambo, P.. Environmental impact in floriculture: LCA approach at farm level. (2016) *Acta Horticulturae*, 1112, pp. 419-424. DOI: 10.17660/ActaHortic.2016.1112.56.
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"Autorizzo il trattamento dei miei dati personali ai sensi del Regolamento UE 679/2016 e D.Lgs. 196/2003 e succ. modifiche."

Avvalendomi della facoltà concessa all'Art. 46 DPR 445/2000, consapevole delle responsabilità e delle pene stabilite dalla legge per false attestazioni e mendaci dichiarazioni, sotto la mia personale responsabilità dichiaro che i dati inseriti nel presente cv sono veritieri.

Legnaro, 01/07/2021

