

Elenco delle pubblicazioni del dott. Massimiliano RENNA

Pubblicazioni su rivista e atti di convegno

- 1) RENNA M., SERIO F., 2012. Orobanche. Da parassita a cibo. *Culture protette*, 41(12), 78-79. (ISSN: 0390-0444)
- 2) CEFOLA M., PACE B., RENNA M., SANTAMARIA P., SIGNORE A., SERIO F., 2012. Compositional analysis and antioxidant profile of yellow, orange and purple Polignano carrots. *Italian Journal of Food Science*, 24, 284-291.
- 3) RENNA M., GONNELLA M., 2012. The use of the sea fennel as a new spice-colorant in culinary preparations. *International Journal of Gastronomy and Food Science*, 1, 111-115.
- 4) BOARI F., CALABRESE N., RENNA M., CANTORE V., SCHIATTONE M. I., 2013. Effect of biofertilizers on gas exchange, yield and quality of some broccoli cultivars in organic farming. *Acta Horticulturae*, 1005, 397-404.
- 5) RENNA M., PACE B., CEFOLA M., SANTAMARIA P., SERIO F., GONNELLA M., 2013. Comparison of two jam making methods to preserve the quality of colored carrots. *LWT – Food Science and Technology*, 53, 547-554.
- 6) PACE B., CEFOLA M., RENNA F., RENNA M., SERIO F., ATTOLICO G., 2013. Multiple regression model and computer vision system to predict antioxidant activity and total phenols in pigmented carrots. *Journal of Food Engineering*, 117, 74-81
- 7) CEFOLA M., RENNA M., PACE B., 2014. Marketability of Ready-to-Eat Cactus Pear as affected by temperature and modified atmosphere. *Journal of Food Science and Technology*, 51 (1), 25-33.
- 8) RENNA M., GONNELLA M., GIANNINO D., SANTAMARIA P., 2014. Quality evaluation of cook-chilled chicory stems (*Cichorium intybus* L., Catalogna group) by conventional and sous vide cooking methods. *Journal of the Science of Food and Agriculture*, 94, 656–665.
- 9) RENNA M., SERIO F., SIGNORE A., SANTAMARIA P., 2014. The yellow–purple Polignano carrot (*Daucus carota* L.): a multicoloured landrace from the Puglia region (Southern Italy) at risk of genetic erosion. *Genetic Resources and Crop Evolution*, 61, 1611-1619.
- 10) RENNA M., COCOZZA C., GONNELLA M., ABDELRAHMAN H., SANTAMARIA P., 2015. Elemental characterization of wild edible plants from countryside and urban areas. *Food Chemistry*, 177, 29-36.
- 11) RENNA M., 2015. “From the farm to the plate”: Agro-biodiversity valorization as a tool for promoting a sustainable diet. *Progress in Nutrition*, 17 (1), 77-80.

- 12) RENNA M., RINALDI V. A., GONNELLA M., 2015. The Mediterranean Diet between traditional foods and human health: The culinary example of Puglia (Southern Italy). *International Journal of Gastronomy and Food Science*, 2, 63-71.
- 13) RENNA M., SERIO F., SANTAMARIA P., 2015. Crenate broomrape (*Orobanche crenata* Forskal): prospects as a food product for human nutrition. *Genetic Resources and Crop Evolution*, 62, 795–802.
- 14) D'IMPERIO M., RENNA M., CARDINALI A., BUTTARO D., SANTAMARIA P., SERIO F., 2016. Silicon biofortification of leafy vegetables and its bioaccessibility in the edible parts. *Journal of the Science of Food and Agriculture*, 96, 751-756.
- 15) BUTTARO D., RENNA M., GERARDI C., BLANDO F., SANTAMARIA P., SERIO F., 2016. Soilless production of wild rocket as affected by greenhouse coverage with photovoltaic modules. *Acta Scientiarum Polonorum - Hortorum Cultus*, 15(2), 129-142.
- 16) D'IMPERIO M., RENNA M., CARDINALI A., BUTTARO D., SERIO F., SANTAMARIA P., 2016. Calcium biofortification and bioaccessibility in soilless “baby leaf” vegetable production. *Food Chemistry*, 213, 149–156.
- 17) RENNA M., DI GIOIA F., LEONI B., SANTAMARIA P., 2016. Due espressioni dell’agrobiodiversità in orticoltura: germogli e microortaggi. *Italus Hortus*, 23 (1), 31-44.
- 18) TESTONE G., MELE G., DI GIACOMO E., GONNELLA M., RENNA M., TENORE G. C., NICOLODI C., FRUGIS G., IANNELLI M. A., ARNESI G., SCHIAPPA A., GIANNINO D., 2016. Insights into the Sesquiterpenoid Pathway by Metabolic Profiling and De novo Transcriptome Assembly of Stem-Chicory (*Cichorium intybus* Cultigroup “Catalogna”). *Frontiers in Plant Sciences*, 7, 1676.
- 19) KYRIACOU M.C., ROUPHAEL Y., DI GIOIA F., KYRATZIS A., SERIO F., RENNA M., DE PASCALE S., SANTAMARIA P., 2016. Micro-scale vegetable production and the rise of microgreens. *Trends in Food Science & Technology*, 57, 103-115.
- 20) RENNA M., SANTAMARIA P., 2016. INNOBIORT: Product and Process Innovation for the Exploitation of the Puglia’s Vegetable Biodiversity. *Food & Nutrition Journal*, G112.
- 21) MONTESANO F.F., D'IMPERIO M., PARENTE A., CARDINALI A., RENNA M., SERIO F., 2016. Green bean biofortification for Si through soilless cultivation: plant response and Si bioaccessibility in pods. *Scientific Reports*, 6:31662.
- 22) RENNA M., 2016. Book Review: Microgreens. Novel Fresh and Functional Food to Explore all the Value of Biodiversity. *South African Journal of Botany*, 106, 25.
- 23) DI GIOIA F., RENNA M., SANTAMARIA P., 2017. Sprouts, Microgreens and “Baby Leaf” Vegetables. In: *Minimally Processed Refrigerated Fruits and Vegetables* (a cura di Yildiz F. e Wiley R.C.), II edizione. Springer Science+Business Media LLC 1994, 403-432.

- 24) D'ACUNZO F., GIANNINO D., LONGO V., CIARDI M., TESTONE G., MELE G., NICOLODI C., GONNELLA M., RENNA M., ARNESI G., SCHIAPPA A., URSINI O., 2017. Influence of cultivation sites on sterol, nitrate, total phenolic contents and antioxidant activity in endive and stem chicory edible products. *International Journal of Food Science & Nutrition*, 1, 52-64.
- 25) RENNA M., GONNELLA M., CARETTO S., MITA G., SERIO F., 2017. Sea fennel (*Crithmum maritimum* L.): from underutilized crop to new dry product for food uses. *Genetic Resources and Crop Evolution*, 64, 205-216.
- 26) RENNA M., DI GIOIA F., LEONI B., MININNI C., SANTAMARIA P., 2017. Culinary Assessment of Self-Produced Microgreens as Basic Ingredients in Sweet and Savory Dishes. *Journal of Culinary Science & Technology*, 15, 126–142.
- 27) RENNA M., 2017. Wild edible plants as a source of mineral elements in the daily diet. *Progress in Nutrition*, 19(2), 219-222.
- 28) RENNA M., GONNELLA M., CANDIA S., SERIO F., BARUZZI F., 2017. Efficacy of Combined Sous Vide-Microwave Cooking for Foodborne Pathogen Inactivation in Ready-to-Eat Chicory Stems. *Journal of Food Science*, 82(7), 1664-1671.
- 28) GERARDI C., ALBANO C., CALABRISO N., CARLUCCIO M. A., DURANTE M., MITA G., RENNA M., SERIO F., BLANDO F., 2018. Techno-functional properties of tomato puree fortified with anthocyanin pigments. *Food Chemistry*, 240, 1184-1192.
- 30) GONNELLA M., DURANTE M., CARETTO S., D'IMPERIO M., RENNA M., 2018. Quality assessment of ready-to-eat asparagus spears as affected by conventional and sous-vide cooking methods. *LWT- Food Science and Technology*, 92, 161-168.
- 31) BLANDO F., GERARDI C., RENNA M., CASTELLANO S., SERIO F., 2018. Characterisation of bioactive compounds in berries from plants grown under innovative photovoltaic greenhouses. *Journal of Berry Research*, 8, 55-69.
- 32) SIGNORE A., RENNA M., D'IMPERIO M., SERIO F., SANTAMARIA P., 2018. Preliminary Evidences of Biofortification with Iodine of “Carota di Polignano,” An Italian Carrot Landrace. *Frontiers in Plant Science*, 9:170 doi: 10.3389/fpls.2018.00170
- 33) RENNA M., SIGNORE A., PARADISO V.M., SANTAMARIA P., 2018. Faba Greens, Globe Artichoke's Offshoots, Crenate Broomrape and Summer Squash Greens: Unconventional Vegetables of Puglia (Southern Italy) With Good Quality Traits. *Frontiers in Plant Science*, 9:378. doi: 10.3389/fpls.2018.00378

- 34) D'IMPERIO M., MONTESANO F.F., RENNA M., LEONI B., BUTTARO D., PARENTE A., SERIO F., 2018. NaCl stress enhances silicon tissue enrichment of hydroponic “baby leaf” chicory under biofortification process. *Scientia Horticulturae*, 235, 258-263.
- 35) RENNA M., CASTELLINO M., LEONI B., PARADISO V.M., SANTAMARIA P., 2018. Microgreens Production with Low Potassium Content for Patients with Impaired Kidney Function. *Nutrients*, 10, 675; doi:10.3390/nu10060675
- 36) RENNA, M., DURANTE, M., GONNELLA, M., BUTTARO, D., D'IMPERIO, M., MITA, G., SERIO, F., 2018. Quality and Nutritional Evaluation of Regina Tomato, a Traditional Long-Storage Landrace of Puglia (Southern Italy). *Agriculture*, 8(6), 1-15.
- 37) MONTESANO, F. F., GATTULLO, C. E., PARENTE, A., TERZANO, R., RENNA, M., 2018. Cultivation of Potted Sea Fennel, an Emerging Mediterranean Halophyte, Using a Renewable Seaweed-Based Material as a Peat Substitute. *Agriculture*, 8(7), 1-12.
- 38) PARADISO V.M., CASTELLINO M., RENNA M., LEONI B., CAPONIO F., SANTAMARIA, P., 2018. Simple tools for monitoring chlorophyll in broccoli raab and radish microgreens on their growing medium during cold storage. *Progress in nutrition*, 20(3), 415-422; <https://doi.org/10.23751/pn.v20i3.7097>
- 39) CEFOLA M., RENNA M., BARUZZI F., ACHILLE V., PACE B., 2018. Modified atmosphere affected marketability of peeled cactus pear. *Acta Horticulturae*, 1209, 315-320.
- 40) RENNA M., MONTESANO F., SIGNORE A., GONNELLA M., SANTAMARIA P. 2018. BiodiverSO: A Case Study of Integrated Project to Preserve the Biodiversity of Vegetable Crops in Puglia (Southern Italy). *Agriculture*, 8(8), 128.
- 41) RENNA M. 2018. Reviewing the Prospects of Sea Fennel (*Crithmum maritimum* L.) as Emerging Vegetable Crop. *Plants*, 7(4), 92.
- 42) PARADISO V. M., CASTELLINO M., RENNA M., GATTULLO C. E., CALASSO M., TERZANO R., ALLEGRETTA I., LEONI B., CAPONIO F., SANTAMARIA P., 2018. Nutritional characterization and shelf-life of packaged microgreens. *Food & Function*, 9(11), 5629–5640.
- 43) D'IMPERIO M., SACCOTELLI M., DANZA A., PADALINO L., CONTE A., RENNA M., SERIO F., LOGRIECO A. F., DEL NOBILE M. A., 2018. Enrichment of Food with Freeze-Dried Sea Fennel (*Crithmum maritimum* L.). *International Journal of Food and Nutrition*, Volume 2018, Issue 2, doi: 10.9016/2575-6071/100110.
- 44) RENNA M., SIGNORE A., SANTAMARIA P., 2018. I prodotti agroalimentari tradizionali (PAT), espressione del territorio e del patrimonio culturale italiano. *Italus Hortus*, 25 (2), 1-13. DOI: 10.26353/j.itahort/2018.1.113

- 45) GIUNGATO P., RENNA M., RANA R., LICEN S., BARBIERI P., 2019. Characterization of dried and freeze-dried sea fennel (*Crithmum maritimum* L.) samples with headspace gas-chromatography/mass spectrometry and evaluation of an electronic nose discrimination potential. *Food Research International*, 115, 65-72.
- 46) SERGIO L., GONNELLA M., RENNA M., LINSALATA V., GATTO M. A., BOARI F., DI VENERE D., 2019. Biochemical traits of asparagus cultivars and quality changes in two differently coloured genotypes during cold storage. *LWT - Food Science and Technology*, 101, 427-434.
- 47) SIGNORE A., RENNA M., SANTAMARIA P., 2019. Agrobiodiversity of Vegetable Crops: Aspect, Needs, and Future Perspectives. *Annual Plant Reviews*, 2, 1–24. DOI: 10.1002/9781119312994.apr0687
- 48) GONNELLA M., RENNA M., D'IMPERIO M., SANTAMARIA P., SERIO F., 2019. Iodine Biofortification of Four Brassica Genotypes is Effective Already at Low Rates of Potassium Iodate. *Nutrients*, 11(2), 451. DOI: 10.3390/nu11020451
- 49) RENNA M., SIGNORE A., MONTESANO F., GONNELLA M., SANTAMARIA P., 2019. Biodiversity of Vegetable Crops, A Living Heritage. *Agriculture*, 8, 141. doi:10.3390/agriculture8090141
- 50) ALLEGRETTA, I., GATTULLO, C.E., RENNA, M., PARADISO, V.M., TERZANO, R. 2019. Rapid multi-element characterization of microgreens via total-reflection X-ray fluorescence (TXRF) spectrometry. *Food Chemistry*, 296, 86-93.
- 51) RENNA, M., D'IMPERIO, M., GONNELLA, M., DURANTE, M., PARENTE, A., MITA, G., SANTAMARIA, P., SERIO F., 2019. Morphological and Chemical Profile of Three Tomato (*Solanum lycopersicum* L.) Landraces of A Semi-Arid Mediterranean Environment. *Plants*, 8(8), 273.
- 52) D'IMPERIO, M., MONTESANO, F.F., RENNA, M., PARENTE, A., LOGRIECO, A.F., SERIO, F., 2019. Hydroponic Production of Reduced-Potassium Swiss Chard and Spinach: A Feasible Agronomic Approach to Tailoring Vegetables for Chronic Kidney Disease Patients. *Agronomy*, 9, 627.
- 53) TESTONE G., SOBOLEV A., GONNELLA M., RENNA M., MANNINA L., CAPITANI D., ARNESI G., BIANCARI T., GIANNINO D., 2019. Insight into sucrose pathway of chicory stems by integrative transcriptomic and metabolomic analyses. *Phytochemistry*, 167, <https://doi.org/10.1016/j.phytochem.2019.112086>
- 54) DE CILLIS, F., LEONI, B., MASSARO, M., RENNA, M., SANTAMARIA, P., 2019. Yield and Quality of Faba Bean (*Vicia faba* L. var. *major*) Genotypes as a Vegetable for Fresh Consumption: A Comparison between Italian Landraces and Commercial Varieties. *Agriculture*, 9, 253.
- 55) FRACCHIOLLA, M., RENNA, M., D'IMPERIO, M., LASORELLA, C., SANTAMARIA, P., CAZZATO, E., 2020. Living Mulch and Organic Fertilization to Improve Weed Management, Yield and Quality of Broccoli Raab in Organic Farming. *Plants*, 9, 177.

- 56) RENNA, M., DE CILLIS, F., LEONI, B., ACCIARDI, E., SANTAMARIA, P., 2020. From by-Product to Unconventional Vegetable: Preliminary Evaluation of Fresh Fava Hulls Highlights Richness in L-Dopa and Low Content of Anti-Nutritional Factor. *Foods*, 9, 159.
- 57) PARADISO, V.M., CASTELLINO, M., RENNA, M., SANTAMARIA, P., CAPONIO, F., 2020. Setup of an Extraction Method for the Analysis of Carotenoids in Microgreens. *Foods*, 9, 459.
- 58) RENNA, M., D'IMPERIO, M., GONNELLA, M., PARENTE, A., SANTAMARIA, P., SERIO, F., 2020. Barattiere: An Italian Local Variety of *Cucumis melo* L. with Quality Traits between Melon and Cucumber. *Plants*, 9, 578.
- 59) CASTELLINO, M., RENNA, M., LEONI, B., CALASSO, M., DIFONZO, G., SANTAMARIA, P., GAMBACORTA, G., CAPONIO, F., DE ANGELIS, M., PARADISO, V. M., 2020. Conventional and unconventional recovery of inulin rich extracts for food use from the roots of globe artichoke. *Food Hydrocolloids*, 107, 105975.
- 60) PALMITESSA, O.D., RENNA, M., CRUPI, P., LOVECE, A., CORBO, F., SANTAMARIA, P., 2020. Yield and Quality Characteristics of Brassica Microgreens as Affected by the NH₄:NO₃ Molar Ratio and Strength of the Nutrient Solution. *Foods*, 9, 677.
- 61) RENNA, M., PARADISO V.M., 2020. Ongoing Research on Microgreens: Nutritional Properties, Shelf-life, Sustainable Production, Innovative Growing and Processing Approaches. *Foods*, 9, 826.
- 62) D'IMPERIO, M., PARENTE, A., MONTESANO, F.F., RENNA, M., LOGRIECO, A.F., SERIO, F., 2020. Boron Biofortification of *Portulaca Oleracea* L. Through Soilless Cultivation for a New Tailored Crop. *Agronomy*, 10, 999.
- 63) RENNA, M., STELLACCI, A. M., CORBO, F., SANTAMARIA, P., 2020. The Use of a Nutrient Quality Score is Effective to Assess the Overall Nutritional Value of Three Brassica Microgreens. *Foods*, 9 (9), 1226. <https://doi.org/10.3390/foods9091226>
- 64) RENNA M., SIGNORE A., LASORELLA C., SANTAMARIA P., CAZZATO E., FRACCHIOLLA M., 2020. Effects of organic farming practices on yield and quality of 'Barattiere', a local cultivar of *Cucumis melo* L. from Puglia (southern Italy). *Acta Horticulturae*, 1294, 53-60.
- 65) FRACCHIOLLA M., LASORELLA C., SANTAMARIA P., RENNA M., SIGNORE A., CAZZATO E., 2020. Response of organically grown mini watermelon (*Citrullus lanatus* (Thunb.) Matsum. & Nakai) to different green manure crops and nitrogen fertilization. *Acta Horticulturae*, 1294, 85-90.
- 66) GONNELLA M., RENNA M., SERIO F., 2020. Yield and quality of greenhouse multi-leaf lettuce cultivars grown in soil and soilless culture under Mediterranean conditions. *Italus Hortus*, 27(3), 18-30; doi: 10.26353/j.itahort/2020.3.1830

- 67) ANACLERIO, M., RENNA, M., DI VENERE, D., SERGIO, L., SANTAMARIA, P., 2021. Smooth golden fleece and prickly golden fleece as potential new vegetables for the ready-to-eat production chain. *Agriculture*, 11(1), 74.
- 68) GONNELLA M., RENNA M., 2021. The evolution of soilless systems towards ecological sustainability in the perspective of a circular economy. Is it really the opposite of organic agriculture? *Agronomy*, 11, 950; doi: 10.3390/agronomy11050950
- 69) FRACCHIOLLA, M., RENNA, M., DURANTE, M., MITA, G., SERIO, F., CAZZATO, E., 2021. Cover Crops and Manure Combined with Commercial Fertilizers Differently Affect Yield and Quality of Processing Tomato (*Solanum lycopersicum* L.) Organically Grown in Puglia. *Agriculture*, 11(8), 757.
- 70) SOMMA A., PALMITESSA O.D., LEONI B., SIGNORE A., RENNA M., SANTAMARIA P., 2021. Extraseasonal Production in a Soilless System and Characterisation of Landraces of Carosello and Barattiere (*Cucumis melo* L.). *Sustainability*, 13(20), 11425. <https://doi.org/10.3390/su132011425>
- 71) PALMITESSA, O.D.; DURANTE, M.; LEONI, B.; MONTESANO, F.; RENNA, M.; SERIO, F.; SOMMA, A.; SANTAMARIA, P., 2021. Enhancement of a Landrace of Carosello (Unripe Melon) through the Use of Light-Emitting Diodes (LED) and Nutritional Characterization of the Fruit Placenta. *Sustainability*, 13, 11464. <https://doi.org/10.3390/su132011464>
- 72) SCHIATTONE M.I., BOARI F., CANTORE V., CASTRONUOVO D., DENORA M., DI VENERE D., PERNIOLA M., RENNA M., SERGIO L., CANDIDO V., 2021. Effects of Nitrogen, Azoxystrobin and a Biostimulant Based on Brown Algae and Yeast on Wild Rocket Features at Harvest and During Storage. *Agronomy*, 11, 2326. <https://doi.org/10.3390/agronomy11112326>
- 73) SERGIO L, BOARI F, DI VENERE D, GONNELLA M, CANTORE V, RENNA M., 2021. Quality Evaluation of Wild and Cultivated Asparagus: A Comparison between Raw and Steamed Spears. *Agriculture*, 11, 1213.
- 74) D'IMPERIO, M., DURANTE, M., GONNELLA, M., RENNA, M., FABIANO MONTESANO, F., PARENTE, A., MITA, G., SERIO, F., 2022. Enhancing the Nutritional Value of *Portulaca oleracea* L. by using Soilless Agronomic Biofortification with Zinc. *Food Research International*, 111057.
- 75) PALMITESSA O.D., GADALETA A., LEONI B., RENNA M., SIGNORE A., PARADISO V.M., SANTAMARIA P., 2022. Effects of Greenhouse vs. Growth Chamber and Different Blue-Light Percentages on the Growth Performance and Quality of Broccoli Microgreens. *Agronomy*, 12, 1161.
- 76) FRACCHIOLLA M., LASORELLA C., CAZZATO E., RENNA, M., 2022. Living Mulch with Subterranean Clover (*Trifolium subterraneum* L.) Is Effective for a Sustainable Weed Management in Globe Artichoke as Annual Cropping in Puglia (Southern Italy). *Horticulturae*, 8, 82.

77) RENNA, M., D'IMPERIO, M., MAGGI, S., SERIO, F., 2022. Soilless biofortification, bioaccessibility, and bioavailability: Signposts on the path to personalized nutrition. *Frontiers in Nutrition*, 9:966018.

Curatele e Monografie

1) RENNA M., SANTAMARIA P., 2017. Presi in Ortaggio. Otto prodotti straordinari della biodiversità pugliese. Università degli Studi di Bari Aldo Moro, Bari, Italy, pp. 128. 978-88-6629012-4

2) BIANCO V.V., RENNA M., SANTAMARIA P., 2018. Ortaggi liberati. Dieci prodotti straordinari della biodiversità pugliese. Università degli Studi di Bari Aldo Moro, Bari, Italy, pp. 168. ISBN: 978-88-6629-028-5

3) DADDUZIO L., MININNI C., RENNA M., 2018. Erbe spontanee. Gribaudo, Milano, 160 pp. ISBN: 9788858021651

4) BIANCO V.V., RENNA M., SANTAMARIA P., 2018. Ortaggi liberati l'ebook. Dieci prodotti straordinari della biodiversità pugliese... e qualcosa in più. Università degli Studi di Bari Aldo Moro, Bari, Italy, pp. 201. ISBN: 978-88-6629-030-8

5) RENNA M., SANTAMARIA P. SIGNORE A., MONTESANO F., GONNELLA M. 2019 (Editors). Biodiversity of Vegetable Crops, A Living Heritage. MDPI, Basel, Switzerland, pp.162. ISBN 978-3-03897-720-9 (Pbk); ISBN 978-3-03897-721-6 (PDF); doi.org/10.3390/books978-3-03897-721-6

6) SANTAMARIA P., RENNA M., 2020. La Compagnia del Carosello. Agro-biodiversità e comunità del cibo. Università degli Studi di Bari Aldo Moro, Bari, Italy, pp. 194. ISBN 978-88-6629-019-3

7) PARADISO V. M., RENNA M. 2021 (Editors). Ongoing Research on Microgreens. Nutritional Properties, Shelf-life, Sustainable Production, Innovative Growing and Processing Approaches. MDPI, Basel, Switzerland, pp. 115. ISBN 978-3-03943-206-6 (Hbk); ISBN 978-3-03943-207-3 (PDF); doi.org/10.3390/books978-3-03943-207-3

8) SANTAMARIA P., RENNA M., 2021. Come bio vuole. Il percorso partecipativo della Compagnia del Carosello per una comunità del cibo. Università degli Studi di Bari Aldo Moro, Bari, Italy, pp. 257. ISBN 978-88-6629-067-4

9) DIDONNA A., COLONNA M.A., RENNA M., SIGNORE A., SANTAMARIA P., 2022. Atlante dei Prodotti Agroalimentari Tradizionali di Puglia. Università degli studi di Bari Aldo Moro, pp. 697, ISBN 978-88-6629-038-4.

10) RENNA M., SANTAMARIA P., 2022. Dieci prodotti per te. Ortaggi tradizionali pugliesi. Università degli studi di Bari Aldo Moro, pp. 697, ISBN 978-88-6629-076-6.

Capitoli di libro

1) CEFOLA M., MARIANI R., PACE B., RENNA M., SANTAMARIA P., SERIO F., SIGNORE A., 2013. La carota di Polignano. In: La biodiversità delle colture pugliesi (Luigi Trotta editor). Inea, Bari, 60-73. ISBN 9788881452507

- 2) RENNA M., SIGNORE A., SANTAMARIA P., 2015. Per colorare la carota. In: Racconti Raccolti (Pietro Santamaria editor). Eco-logica editore, Bari, Italy, 8-9. ISBN 978-88-909289-1-8.
- 3) RENNA M., SANTAMARIA P., 2015. Quando la pianta coltivata e la sua principale infestante fanno pace nel piatto. In: Racconti Raccolti (Pietro Santamaria editor). Eco-logica editore, Bari, Italy, 48-49. ISBN 978-88-909289-1-8.
- 4) RENNA M., 2015. Il finocchio che viene dal mare. In: Racconti Raccolti (Pietro Santamaria editor). Eco-logica editore, Bari, Italy, 70-71. ISBN 978-88-909289-1-8.
- 5) RENNA M., GONNELLA M., 2015. Non solo orto! In: Racconti Raccolti (Pietro Santamaria editor). Eco-logica editore, Bari, Italy, 78-79. ISBN 978-88-909289-1-8.
- 6) DI GIOIA F., RENNA M., SANTAMARIA P., 2017. Sprouts, Microgreens and “Baby Leaf” Vegetables. In: Minimally Processed Refrigerated Fruits and Vegetables (Yildiz F. e Wiley R.C. editors), II edizione. Springer Science+Business Media LLC 1994, 403-432.
- 7) GONNELLA M., RENNA M., BENVENUTI S., 2018. Apiacee. In: Orticoltura. Principi e pratica (A. Pardossi, G. Prosdocimi Gianquinto, P. Santamaria, L. Incrocci, editors). Edagricole, 235-245. ISBN: 9788850655144.
- 8) GONNELLA M., RENNA M., D’IMPERIO M., TESTONE G., GIANNINO D., 2018. Phytochemicals in Asteraceae Leafy Vegetables. In: Phytochemicals in Vegetables: A Valuable Source of Bioactive Compounds (a cura di S.A. Petropoulos, I.C.F.R. Ferreira, L. Barros). Bentham Science Publishers, 166-208. ISBN: 978-1-68108-740-5, DOI: 10.2174/97816810873991180101
- 9) SIGNORE A., RENNA M., SANTAMARIA P., 2019. Agrobiodiversity of Vegetable Crops: Aspect, Needs, and Future Perspectives. Annual Plant Reviews, 2, 1–24. DOI: 10.1002/9781119312994.apr0687
- 10) RENNA, M. 2019. Innovazione di prodotto e di processo per la valorizzazione della Biodiversità Orticola pugliese (InnoBiOrt). In: FUTURE IN RESEARCH. Un volano per l’innovazione (A. F. Uricchio editor). Università degli Studi di Bari Aldo Moro, 199-205. ISBN: 978- -6629-049-0
- 11) RENNA, M., GONNELLA M., 2020. Ethnobotany, Nutritional Traits, and Healthy Properties of Some Halophytes Used as Greens in the Mediterranean Basin. In: Handbook of Halophytes (M.-N. Grigore editor). Springer Nature, 1-19. ISBN: 978-3-030-17854-3, DOI: 10.1007/978-3-030-17854-3_100-1
- 12) RENNA, M., MONTESANO F., SERIO F., GONNELLA M., 2021. The Mediterranean diet between traditional foods and human health through culinary examples. In: Gastronomy and Food Science (Charis M. Galanakis editor). Academic Press, 75-99. ISBN: 978-0-12-820057-5, DOI: 10.1016/B978-0-12-820057-5.00005-4