

CURRICULUM VITAE

SANDRA CITTERIO

nata a Milano il 18/3/1965

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EDUCATION AND WORK EXPERIENCE

- **February 1989** Degree in Biological Sciences obtained from the University of Milan (grade 110/110 cum laude). The experimental thesis was awarded by the Italian Cytometry Group as one of the 3 best theses carried out using cytometric techniques in 1989.
- **February 1989** Two-year scholarship, partially utilized at the National Cancer Institute of Milan, Experimental Oncology Division C. During this period, she was involved in the evaluation of ploidy in human solid tumors and the estimation of the percentage of tumor cells in the DNA synthesis phase using mathematical algorithms applied to cytometric graphs, with the aim of assessing the degree of tumor proliferation for prognosis and potential patient treatment with chemotherapeutic agents.
- **November 1989** PhD in Cellular and Molecular Biology at the University of Milan. During this period, she followed the following research programs under the direction of Prof. Elio Sparvoli:
 - Biochemical detection and immunocytochemical localization in pea nuclei of proteins marking the transition of cells from quiescent to proliferating state;
 - Study of phytoplankton using flow cytometry in collaboration with the Joint Research Centre of the European Communities in Ispra (Va);
 - Acquisition and refinement of cell sorter and image analysis techniques to study in greater detail the localization of previously identified nuclear proteins related to cell proliferation (in collaboration with the Biochemistry laboratory of the University of Valencia and the Cytology laboratory of the University of Grenoble).
- **November 1990** Professional Qualification as Biologist obtained at the University of Milan with top marks.
- **November 1992** Funding from the General Botany Section of the Department of Biology, University of Milan, for the realization of the following research projects in *Pisum sativum*:
 - Effect of exogenous substances on cell cycle reactivation using flow cytometry and immunofluorescence techniques;
 - Isolation of the cdk2 gene and study of the functions of the protein encoded by this gene during the transition of cells from G1 to S phase of the cell cycle.
 - Isolation of cyclin genes and study of their function.
- **September 1993** CNR funding to specialize in the use of the confocal microscope and to conduct research on the cell cycle at the laboratory directed by Prof. Trewavas at the University of Edinburgh.
- **February 1994** Two-year CNR scholarship partially utilized within the RAISA targeted project for the continuation of the project related to the study of plant cell cycle regulatory factors.
- **September 1994** Two-year post-doctoral scholarship from the European Communities at the Joint Research Centre in Ispra (Va), partially utilized. During this period, research work was mainly directed towards:

- The application of flow cytometry techniques in the environmental field for the study of phytoplankton and marine bacteria (in collaboration with Dr. Denis from CNRS Marseille);
 - The continuation of projects related to the study of cell cycle regulatory factors (cyclins, CDKs) mentioned above (in collaboration with the University of Milan).
- **January 1995** Technical Assistant at the General Botany Section of the University of Milan; from 1995 to 1999, she was involved in coordinating and partly directly executing research projects related to the study of the cell cycle and phytoplankton (in collaboration with Prof. Sgorbati from Milan and Dr. Denis from Marseille), as well as initiating new research lines concerning plant transformation (in collaboration with Prof. Sala, who succeeded Prof. Sparvoli in Milan). She also continued to carry out teaching activities (lectures and laboratory work).
- **Since September 1999** Transfer to the Department of Environmental Sciences and Territory at the University of Milano-Bicocca. From this date, her research activity has been mainly directed towards initiating, in scientific terms and funding requests, new projects in the fields of bioindication and soil phytoremediation. She also continued to coordinate basic research on cell proliferation regulation and applied research on surface water monitoring through flow cytometric analysis of phytoplankton and bacteria.
- **May 2001** Researcher in Botany (BIO/01) at the Department of Environmental Sciences and Territory, University of Milano-Bicocca, where she carried out teaching activities related to botany (lectures, laboratory, and field activities) and coordinated basic and applied research activities, as PI or Co-PI, in the following areas:
 - Environmental biomonitoring, phytoremediation, and renaturation;
 - Effect of abiotic environmental stresses (such as those due to pollutants) on plant organisms;
 - Fruit quality;
 - Pollen allergens and allergenicity, mainly in relation to environmental pollutants;
 - Analysis of factors involved in cell proliferation in plants.

She also collaborated with Prof. Sgorbati on research projects concerning "Plant Biodiversity".

- **November 2010 – February 2020** Associate Professor (BIO/01) at the Department of Environmental Sciences and Territory, University of Milano-Bicocca (later becoming the Department of Environmental and Earth Sciences, DISAT). During this period, she continued to carry out teaching activities in the fields of Botany, conducting lectures, laboratory exercises, and field activities. Since 2011, she coordinates the research of the Botany group at DISAT, which, in addition to the topics already addressed, includes studies on the conservation of plant biodiversity and agro-biodiversity and the impacts of alien plants on human and environmental health. Scientifically, she collaborates with numerous national and international groups through funded projects (COST projects and actions) and stable collaborations, and is a member of several scientific societies, including the International Ragweed Society, where she is part of the organizing committee. Furthermore, she has several collaborations aimed at improving the relationship between research and industry/public sector, with private companies (e.g., LoFarma and HPC/ENI) and local authorities such as the Environment Sector of the Municipality of Milan, Parks, and the Environment, Agriculture, and Health Sectors of the Lombardy Region. Internally at the University of Milano-Bicocca, she has also held and/or holds institutional positions such as vice-coordinator of the ecological-environmental area of the Doctoral Commission in Biology and Biotechnology, member of the Departmental Didactic Programming Commission, member of the organizing committee of the Interdepartmental Center

"Best4food", Data Protection Officer, and Head of Internationalization for the entire Department, which includes 2 three-year bachelor's degree programs and 4 master's degree programs, one of which is international. During this period, she also obtained two National Scientific Qualifications (2012 and 2016) for Full Professor in the Competition Sector 05/A1 Botany.

- **February 2020 - Present** Full Professor (BIO/01) at the Department of Environmental and Earth Sciences, University of Milano-Bicocca.

SCIENTIFIC ACTIVITY

Sandra Citterio's scientific activity has always focused on the discipline of Botany, combining both basic and applied research.

Since 1988, she has used and developed molecular biology, immunocytochemistry, traditional and confocal microscopy techniques combined with image analysis and flow cytometry for the analysis of plants and the environment. Following her affiliation with the Department of Environmental Sciences and Territory (DISAT) in 1999, she primarily directed her research towards the study of plants in relation to environmental and human health. In this sector, she has particularly dedicated herself to studying the interactions between plant allergens and environmental pollutants, and to studying plants as indicators of environmental quality and for the remediation of soils contaminated by metals and organic compounds. She has also participated in research on the maturation and quality of grape and peach fruits, in relation to the presence of nutraceutical compounds. Finally, she has also participated in research on plant biodiversity and conservation: in particular, she has coordinated projects aimed at the sustainable development of local territories involving wild and cultivated plants, and aimed at the study and management of invasive alien species at a strategic level in Lombardy (Regional Strategy for the Control and Management of Invasive Alien Species).

Current Research Lines

Currently, Sandra Citterio coordinates or participates in basic or applied research projects in the following areas:

- **Environmental Remediation (Phytoremediation and Restoration)** Study of the best strategies for the restoration of quarry sites and laboratory and field study of strategies based on plant action and plant/microorganism interaction for the remediation of soils contaminated by metals and/or hydrocarbons.
- **Effects on Plants Induced by Biotic and Abiotic Environmental Factors** Study of the effects on plant growth and allergenicity induced by climatic factors, edaphic factors, pollutants (soil and atmospheric), and biotic stress (insects). Particular attention is given to allergenic species of the *Ambrosia* genus and those of interest for phytoremediation.
- **Study of Invasive Alien Plants** Study of the biological mechanisms underlying the invasiveness of marine and terrestrial alien plant species. Study of the distribution and impact on biodiversity and human health of alien species, with particular attention to terrestrial species of regional, national, and community relevance.
- **Agro-biodiversity Conservation** Morphological and genetic characterization of local autochthonous varieties of agronomic interest aimed at their *in situ* and *ex-situ* conservation and the valorization of sustainable agri-food supply chains.
- **Research and Study of Bioactive Molecules** Research and study of bioactive molecules in algae and wild and cultivated plants. Development of methodologies to increase the concentration of identified functional metabolites in plants of interest.

Scientific Responsibility for Research Projects Admitted to Funding Based on Competitive Calls with Peer Review

- Scientific coordinator of the local unit, UNIMIB Unit, of the PRIN 2006 project "Qualitative characteristics of peach fruit: proteomic, molecular and biochemical aspects in relation to pulp softening and the development of functional compounds during ripening" from 09-02-2007 to 09-02-2009.
- Coordinator and scientific manager of the project "Study of the effect of air pollution on the increase of ragweed allergies in Lombardy: induction and modifications of pollen allergens," funded by Fondazione Banca del Monte di Lombardia from 02-11-2007 to 31-10-2009.
- Scientific manager, UNIMIB Unit of the project "Naturalistic enhancement of the PLIS of San Colombano hill through interventions aimed at increasing biodiversity and territorial usability," funded by Fondazione Cariplo from 01-09-2011 to 31-08-2013.
- Scientific manager, UNIMIB Unit of the PRIN 2009 project "The determination of nutraceutical and organoleptic properties of peach fruits: role of phenylpropanoid and phenolic compound metabolism" from 17-10-2011 to 17-10-2013.
- Scientific manager, UNIMIB Unit of the project: AmbrosiaNo - Study for the improvement of ecological connectivity between Parco Alto Milanese and Parco del Ticino: ragweed containment and biodiversity increase," funded by Fondazione Cariplo from 03-02-2014 to 02-02-2016.
- Coordinator and scientific manager of the project "Air quality from atmospheric pollution and allergenic pollens in Milan: research, training, and scientific dissemination," funded by Fondazione Cariplo from 01-09-2014 to 28-02-2016.
- Coordinator and scientific manager of the project "Biological invasion of allergenic species of the genus *Ambrosia* in Lombardy: detailed distribution, dangerousness, and methodologies aimed at counteracting its spread" funded by Fondazione Banca del Monte di Lombardia from 20-05-2015 to 31-07-2017.
- Coordinator and scientific manager of the plant-related part concerning the implementation of the regional strategy for the management of alien species within the Project "LIFE2014 Integrated Projects LIFE14 IPE/IT/018–GESTIRE 2020," funded by Lombardy Region from 01-12-2017 to 31-12-2018.
- Coordinator and scientific manager of the project "ConserVa - Conservation, management, and sustainable use of buckwheat and rye genetic resources in Valtellina" funded by the Lombardy Region within the PSR 2014-2020. Project start 01-08-2019 to 31-07-2022.
- Department Coordinator for PNRR projects (CN Biodiversity, Research Ecosystems MUSA, and PE10 OnFood) 2022-2025.
- UNIMIB Scientific Manager of the HORIZON project "Commit2Green" from 01/01/2025 to 31/12/2029.

Sandra Citterio has also been Co-Principal Investigator (CO-PI) in the following projects funded through competitive calls:

- CO-PI "Localization and quantification of stilbene synthase enzyme and trans-resveratrol in grape tissues through immunochemical and cytoanalytic techniques." PRIN 2001.
- CO-PI "Isolation and characterization of candidate genes for apomeiosis in *Medicago* spp.", PRIN 2002;
- CO-PI "Endo-Polygalacturonase and expansin subcellular localization in peach and apple fruits during ripening and change in polyphenol", PRIN2004;
- CO-PI "Mutagenicity risk assessment of air and soil, through plant bioindicators, in Novara Province" Compagnia San Paolo di Torino (2002-2005);

- CO-PI “Tataricum: Recovery of ancient Siberian wheat crops in Alta Valtellina: agrobiodiversity, short supply chain and employment opportunities.” Fondazione Cariplo (2019 – ongoing)
- CO-PI “PREVALIEN – Enhancing Knowledge on Prevention and Early Detection of the Invasive Alien Plants of (European) Union concern in the Italian Protected Areas” PRIN 2022

Responsibility for Scientific Studies and Research Commissioned by Qualified Public or Private Institutions

- Four consecutive agreements with the Municipality of Milan/Metropolitana Milanese (2000-2005) for the development of innovative methodologies aimed at evaluating the quality of drinking water and developing tests with plant organisms (algae and watercress), aimed at evaluating the synergistic effect of organic and inorganic compounds present in distributed water. Research Coordinator. From 01-01-2000 to 31-12-2005.
- Funding from the Lombardy Region: Study of the localization of the stilbene synthase enzyme in grapevines. Responsible for the UNIMIB Unit. From 02-01-2001 to 31-12-2003.
- Funding from the Lombardy Region: Scientific technical monitoring of a potentially contaminated area, located between the Provinces of Pavia and Milan. Responsible for the UNIMIB Unit. From 02-01-2009 to 31-12-2010.
- Funding from the Lombardy Region for the project "CORINAT: Cultivation of Rice Fields of high biological and naturalistic value." Responsible for the UNIMIB Unit. From 01-02-2010 to 31-01-2012.
- Funding from the Lombardy Region: "Soil Project" Investigative survey of the quality and health status of Lombard soils. Coordinator of the plant bioindication part. From 02-01-2011 to 31-12-2013.
- Liberal contribution from the company Padana Commercio srl (FE) for the experimentation of phytoremediation technologies using plants. Research Project Manager. From 01-03-2011 to 28-02-2014.
- Funding from the Province of Brescia and the Municipality of Nuvolento for the project: "Study for the renaturation of disused quarries in the Botticino (Bs) extraction basin." Research Project Manager. From 01-09-2011 to 30-11-2013.
- Funding from LoFarma SPA for the study of the pollution-ragweed allergy relationship (Co-funding with two years of applied research grant). Research Project Manager. From 01-09-2011 to 31-08-2013.
- Two scientific collaboration contracts with RONO SPA (BG) and the Swiss company Blaser Swissslube for the study of the effects of mineral and vegetable oils on plants. Research Project Manager. From 13-03-2014 to 30-12-2015.
- Funding from the Lombardy Region: "Food Social Sensor Network" project. DISAT group leader. From 2018 (biennial).
- Contract with ENI for the development of biochar activated with microorganisms to be used in bio-phytoremediation of soils. Responsible for one of the research groups involved in the three-year project. From 2022 onwards.
- Contracts from HPC on behalf of ENI for "Phytoremediation of hydrocarbon-contaminated soils" projects. Project Manager. From 01-02-2019 onwards.
- Contracts from Lombardy Region through the CFA of Monte Barro for "Management of alien plant species" within the regional Task Force. Project Manager. From 01/10/2021 onwards.
- Contracts with the University of Insubria within the collaboration with ISPRA for the management of alien species at national level. Project Manager. From 01/07/20 to 30/06/2021 and 18/03/2024 to 30/06/2025.

- Contract from the Municipality of Milan for "Experimentation of NBS techniques for the remediation of urban and peri-urban soils." Project Manager. From 21/12/2022 to 31/12/2026.

Awards and Recognitions for Scientific Activity, Including Affiliation with Academies of Recognized Prestige in the Sector

- Study award from the "Italian Flow Cytometry Group" for research through the application of cytoanalytic techniques (1990).
- Award from the ISAC (International Society for Advancement of Cytometry) for the quality of research during the International Workshop on Flow and Image Cytometry in O'Porto (Portugal, 1991).
- Honorary Member title conferred by the Assocanapa association (National Coordination for Hemp Cultivation, Carmagnola, Turin) for distinguished research on hemp and the remediation of contaminated sites (2011). <http://www.assocanapa.org/socionorari.htm>
- International Quarry Life Award 2018 conferred by the international scientific commission organized and sponsored by the multinational Heidelbergcement (Belgium) for research on innovative quarry renaturation strategies (selected from 110 projects).
- Quarry Life Award Italia 2018, conferred by the national scientific commission and sponsored by Italcementi S.p.A., best project on quarry renaturation (selected from 35 projects).

Sandra Citterio



APPENDIX 1: LIST OF PUBLICATIONS

FULL PAPERS IN INTERNATIONAL JOURNALS

1. Quaglini L.A., Yannelli F.A., Fasano F., **Citterio S.**, Gentili, R. (2025). Assessing local and global ecological impacts of the alien plant *Senecio inaequidens* across different environmental conditions in Northern Italy and applying EICAT. *Weed Research*, 2025, 65(3), e70019. DOI:10.1111/wre.70019
2. Resemini R., Geroldi C.,...**Citterio S.**, Labra M., Gentili R. (2025). Building Greener Cities Together: Urban Afforestation Requires Multiple Skills to Address Social, Ecological, and Climate Challenges. *Plants*, 2025, 14(3), 404. DOI:10.3390/plants14030404
3. Montagnani C., Gentili R., Karrer G.,...Wagensommer R.P., **Citterio, S.** (2025). The invasion history of *Ambrosia psilostachya* (Asteraceae) in Italy: first record and distribution over more than one century. *Plant Biosystems*, 2025, 159(3), pp. 522–533. DOI:10.1080/11263504.2025.2485990
4. Gentili R., La Ferla B., Cardarelli, E, Della Marianna G.P., Parolo G., Maestroni, G., **Citterio, S.** (2024). Recovering Alpine *Secale cereale* (Rye) Varieties: Insights from Genetic,

- Agronomic, and Phytochemical Analyses to Support Sustainable Mountain Agriculture Economy. *Agronomy*, 14(8), 1605. 10.3390/agronomy14081605
5. Savić, A., Matzrafi, M., Đurović, S., Gentili, R., **Citterio, S.** (2024) Is *Ambrosia trifida* L. Preparing for a Wider Invasion? Changes in the Plant Morpho-Functional Traits over a Decade. *Agronomy*, 14(8). 160110.3390/agronomy14081601
 6. Borghesan, S., Fasano, F., Crippa, A., Quaglini L.A., **Citterio S.**, Galasso, G., Gentili, R. (2024). First record of *Klasea quinquefolia* (M.Bieb. ex Willd.) Greuter & Wagenitz (Asteraceae) in Italy. *BioInvasions Records*, 13(3), 577–588. 0.3391/BIR.2024.13.3.02
 7. Gentili R. Quaglini LA, Galasso G, Montagnani C, Caronni S, Cardarelli E, **Citterio S** (2024). Urban refugia sheltering biodiversity across world cities. *Urban Ecosystems* 27(1), 219 – 230. 10.1007/s11252-023-01432-x.
 8. Collina, E., Casati, E., Franzetti, A., Caronni S., Gentili, R., **Citterio, S.** (2024). Analysis of Petrogenic Hydrocarbons in Plant Tissues: A Simple GC-MS-Based Protocol to Distinguish Biogenic Hydrocarbons from Diesel-Derived Compounds. *Plants*, 13(2), 298. 10.3390/plants13020298.
 9. Lu, S., Luo, X., Wang, H., Gentili R., **Citterio S.**, Yang J., Jin J., Li, J., Yang, J. (2023). China-US grain trade shapes the spatial genetic pattern of common ragweed in East China cities. *Communications Biology*, 6(1), 1072. 10.1038/s42003-023-05434-5.
 10. Ferré, C., Mascetti, G., Gentili, R., **Citterio, S.**, Comolli, R. (2023). Soil climate regulation services: high SOC stock in Podzols and Umbrisols in an alpine grassland (Valle Adamé, Italy). *Environmental Earth Sciences*, 82(22), 534. 10.1007/s12665-023-11228-z.
 11. Caronni S., Quaglini L.A., Franzetti A., Gentili R., Montagnani C., **Citterio S.** (2023). *Caulerpa prolifera* and its bacterial coating, a promising association for seawater phytoremediation of diesel hydrocarbons. *Plants*, 12(13), 2507. 10.3390/plants12132507.
 12. Montagnani C., Caronni S., Quaglini L.A., Sebesta N., Gentili R., **Citterio S.** (2023). Coping with stress as a prelude of naturalization: different responses of *Lagarosiphon* species to water trophy. *Diversity*, 2023, 15(5), 693. 10.3390/d15050693.
 13. Caronni S., Bracchi V.A., Atzori F., **Citterio S.**, Cadoni N., Gentili R., Montagnani C., Quaglini L.A., Basso D. (2023). *Caulerpa cylindracea* spread on deep rhodolith beds can be influenced by the morphostructural composition of the bed. *Diversity*, 15(3), 349.
 14. Gentili, R., Alderighi L., Errico A., Salvatore M.C., **Citterio, S.**, Preti F., Baroni C. (2023). Human-induced changes and phyto-geomorphological relationships in the historical ravaneti landscape of the Carrara marble basin (Tuscany, Italy). *International Journal of Mining, Reclamation and Environment*. Volume 37(4), 297 – 318.
 15. Montagnani C., Gentili R., **Citterio, S.** (2023). Ragweed is in the Air: *Ambrosia* L. (Asteraceae) and Pollen Allergens in a Changing World. *Current Protein and Peptide Science*, 2023, 24(1), pp. 98–111.
 16. Gentili R., Ferré C., Cardarelli E., Caronni S., Montagnani C., Abu El Khair D., **Citterio, S.** Comolli R. (2022). Performing as a transformer species? The invasive alien *Reynoutria bohemica* changes ecosystem properties in a riparian woodland. *Weed Research* 62, Issue 6, 446 – 456.
 17. Gentili R., Quaglini L., Cardarelli, E., Caronni, S., Montagnani, C., **Citterio, S.** (2022). Toxic impact of soil microplastics (PVC) on two weeds: changes in growth, phenology and photosynthesis efficiency. *Agronomy* 12, 1219.
 18. Augustinus, B.A., Blum, M., **Citterio, S.**, Müller-Schärer, H., Lensky, I.M. (2022). Ground-truthing predictions of a demographic model driven by land surface temperatures with a weed biocontrol cage experiment. *Ecological Modelling* 466, 109897.

19. Montagnani, C., Gentili, R., Brundu, G., Caronni, S., **Citterio, S.** (2022). Accidental Introduction and Spread of Top Invasive Alien Plants in the European Union through Human-Mediated Agricultural Pathways: What Should We Expect? *Agronomy* 12(2), 423.
20. Montagnani C., Casazza, G., Gentili R., Caronni, S., **Citterio, S.** (2022) Kudzu in Europe: niche conservatism for a highly invasive plant. *Biological Invasions*, 2022, 24(4), pp. 1017–1032.
21. Panizzuti, F., Citterio, S., Gentili, R., Navone A., Panzalis P., Provera, I., Caronni, S. (2022). Microalgal characterization during a mucilaginous bloom on deep gorgonian forests of Tavolara Punta Coda Cavallo MPA. *Aquatic Microbial Ecology*, 88, 161–165.
22. Caronni S., Delaria M.A., Gentili, R., Panzalis P., **Citterio, S.** (2021). First Report of Gametogenesis and Spawning for the Invasive Alga *Caulerpa cylindracea* in the Tyrrhenian Sea: The Key Role of Water Motion and Temperature. *Frontiers in Marine Science*, 2021, 8, 774274.
23. Caronni, S., Gentili, R., Montagnani, C., **Citterio, S.** (2021). Subpollen particle release from different species of the invasive allergenic genus *Ambrosia*: the effect of rainwater composition and wind speed. *Aerobiologia* 37(4), pp. 785-795.
24. Gentili, R., Ambrosini, R., Augustinus, B.A., (...), Schaffner, U., **Citterio, S.** (2021). High phenotypic plasticity in a prominent plant invader along altitudinal and temperature gradients. *Plants* 10(10),2144.
25. Caronni, S., Addis, F., Delaria, M.A., (...), Panzalis, P., **Citterio, S.** (2021). Comparative evaluation of multiple protein extraction procedures from three species of the genus *Caulerpa*. *Journal of Applied Phycology* 33(4), pp. 2485-2496.
26. Toffolo, C., Gentili, R., Banfi, E., (...), **Citterio, S.**, Galasso, G.(2021). Urban plant assemblages by land use type in Milan: Floristic, ecological and functional diversities and refugium role of railway areas. *Urban Forestry and Urban Greening* 62,127175.
27. Zoia, L., Salanti, A., Giorgione, C., Gentili, R., **Citterio, S.**, Gandolfi, I., Franzetti, A., Orlandi, M. (2021). Integrated biological and chemical characterisation of a pair of leonardesque canal lock gates. *PLoS ONE* 16(3),e0247478.
28. Cecchi, L., Scala, E., Caronni, S., **Citterio, S.**, Asero, R. (2021). Allergenicity at component level of sub-pollen particles from different sources obtained by osmolar shock: A molecular approach to thunderstorm-related asthma outbreaks. *Clinical and Experimental Allergy*, 51(2), pp. 253–261.
29. Abeli, T., D’Agostino, M., Orsenigo, S., ...**Citterio, S.**,.....Zappa, E., Fenu, G. (2021) IDPlanT: the Italian database of plant translocation. *Plant Biosystems*, 155(6), 1174–1177.
30. Gentili, R., **Citterio, S.** (2021). Using local hay seed for suppressing invasive alien plants in grasslands. *Biodiversity*, 2021, 22(1-2), 91–94.
31. Gentili, R., Casati, E., Ferrario, A., Caronni, S., **Citterio, S.** (2020) Vegetation cover and biodiversity levels are driven by backfilling material in quarry restoration. *Catena*, 195, 104839.
32. Gentili, R., Baroni, C., Panigada, C., **Citterio, S.**, Carton, A., Salvatore, M,C. (2020) M.C.Glacier shrinkage and slope processes create habitat at high elevation and microrefugia across treeline for alpine plants during warm stages *Catena*, 193, 104626.
33. Cardarelli, E., Gentili, R., Della Rocca, F.D., Bogliani, G., **Citterio, S.** (2020) Seeding and overseeding native hayseed support plant and soil arthropod communities in agriculture areas. *Life*, 2020, 10(4), 38.
34. Augustinus, B.A., Lommen, S.T.E., Fogliatto, S., **Citterio, S.**, Müller-Schärer, H., Schaffner, U. (2020) In-season leaf damage by a biocontrol agent explains reproductive output of an invasive plant species. *NeoBiota* 55, 117-146.

35. Capotorti, G.,... **Citterio, S.**, ... Blasi, C (2020). More nature in the city. *Plant Biosystems*, 2020, 154(6), pp. 1003–1006.
36. Gentili R., Asero R., Caronni S., Guarino M., Montagnani C., Mistrello G., **Citterio S.** (2019) *Ambrosia artemisiifolia* L. temperature-responsive traits influencing the prevalence and severity of pollinosis: a study in controlled conditions. *BMC Plant Biology* 19: 155. doi: 10.1186/s12870-019-1762-6
37. Gentili R., Ferrè C., Cardarelli E., Bogliani G., Montagnani C., **Citterio S.**, Comolli R. (2019) Comparing Negative Impacts of *Prunus serotina*, *Quercus rubra* and *Robinia pseudoacacia* on Native Forest Ecosystems. *Forests* 10 (10): 842; <https://doi.org/10.3390/f10100842>
38. Caronni S., Calabretti C., Ceccherelli G., **Citterio S.**, Delaria M.A., Gentili R., Macri G., Montagnani C., Navone A., Panzalis P. (2019) The interactive effect of herbivory, nutrient enrichment and mucilage on shallow rocky macroalgal communities. *PeerJ*. doi: 10.7717/peerj.6908.
39. Chelli S., Marignani M., Barni E., Petraglia A., Puglielli G., Wellstein C., Acosta A.T.R., Bolpagni R., Bragazza L., Campetella G., Chiarucci A., Conti L., Nascimbene J., Orsenigo S., Pierce S., Ricotta C., Tardella F.M., Abeli t., Aronne G., Bacaro G., Bagella S., Benesperi R., Bernareggi G., Bonanomi G., Brusa G., Buffa G., Burrascano S., Caccianiga M., Calabrese V., Canullo R., Carbognani M., Carboni C., Carranza M.L., Catorci A., Ciccarelli D., **Citterio S.**, Cutini M., Dalle Fratte M., De Micco V., Del Vecchio S., Di Martino L., Di Musciano M., Fantinato E., Filigheddu R., Frattaroli A., Gentili R., Gerdol R., Giarrizzo E., Giordani P., Gratani L., Incerti G., Mazzoleni S., Mondoni A., Montagnani C., Montagnoli A.A., Paura B., Petruzzelli F., Pisanu S., Rossi G., Sgarbi E., Siniscalco S., Slaviero A., Stanisci A., Stinca A., Tomaselli M., Cerabolini B.E.L. (2019) Plant functional traits and the environment: a review of Italian studies. *Plant Biosystems*. doi: 10.1080/11263504.2018.1559250
40. Gentili R., Fenu G.; Porceddu M., Bruni I., **Citterio S.**, Bacchetta G. (2019) Genetic variability of the first-generation of *Ribes sardoum*, a threatened relic plant requiring translocation measures. *Plant Biosystems* doi: 10.1080/11263504.2018.1435574.
41. Gentili R., Ambrosini R., Montagnani C., Caronni S., **Citterio S.** (2018) - Effect of soil pH on the growth, reproductive investment and pollen allergenicity of *Ambrosia artemisiifolia* L. *Frontiers in Plant Sciences* 9: 1335. doi: 10.3389/fpls.2018.01335
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Other papers

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