POSTER SESSION B

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Number	Last Name	First Name	Title	Topic
3	Pivato	Matteo	Abiotic stress-induced chloroplast and cytosolic Ca2+ dynamics in the green alga Chlamydomonas reinhardtii	PLANT-ENVIRONMENT INTERACTIONS
5	Guardini	Zeno	Dissecting the multiple functions of LHCb proteins in photosynthetic light use efficiency and photoprotection.	EVOLUTIONARY AND FUNCTIONAL BIOCHEMISTRY IN PLANTS
7	Chiurazzi	Maurizio	Low external nitrate condition plays a positive role on symbiotic nitrogen fixation efficiency through the combined action of a NPF transporter subfamily	PLANT BIOTIC INTERACTIONS
9	Cazzaniga	Stefano	Impact of Constitutive Zeaxanthin Accumulation on Non-Photochemical Quenching and Photosynthetic Efficiency in non-model species Chlorella vulgaris.	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
11	Beraldo	Claudia	COORDINATED PHOTOSYNTHESIS AND RESPIRATION SUSTAIN CELLULAR METABOLISM AND ARCHITECTURE	EVOLUTIONARY AND FUNCTIONAL BIOCHEMISTRY IN PLANTS
13	Sillo	Fabiano	Roots in a box: genotype specific transcriptomic profiles in barley and faba bean highlight the effect of soil volume and type in controlled condition experiments	PLANT-ENVIRONMENT INTERACTIONS
15	Zancani	Marco	Cell suspension cultures of Coffea arabica L. as a source of extracellular vesicles	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
21	Tosato	Edoardo	SCL14 is the master regulator of the promiscuous-detoxification pathway	PLANT-ENVIRONMENT INTERACTIONS
23	Pecatelli	Gabriele	Pectin methylesterases as strategic modulators of plant–environment interactions	PLANT-ENVIRONMENT INTERACTIONS
25	Rizzetto	Nicholas	Flavodiiron protein activity outcompetes cyclic electron transport when expressed in angiosperms	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
27	Davydenko	Diana	Unraveling Molecular Mechanisms of Drought Memory in Tomato Plants: Role of miR156 and Strigolactones	PLANT-ENVIRONMENT INTERACTIONS
29	Gianoglio	Silvia	StrigoSense: designing a novel biosensor for mapping strigolactone responses in plants.	CUTTING EDGE APPROACHES IN PLANT BIOLOGY
31	De Meo	Elisa	Argonaute3 is involved in hypoxia tolerance in Arabidopsis thaliana	PLANT-ENVIRONMENT INTERACTIONS
33	Gurrieri	Libero	Dynamic regulation of Arabidopsis β-amylase1 by glutathione and thioredoxins affects starch in guard cells	EVOLUTIONARY AND FUNCTIONAL BIOCHEMISTRY IN PLANTS
37	Ivagnes	Maria	Unveiling capacity and consequences of isoprene perception by phenotypic and physiological characterization of stressed isoprene-receiving plants.	PLANT-ENVIRONMENT INTERACTIONS
41	Fraudentali	Ilaria	Divergent roles of RBOHD, AtCuAOβ, and GLR3.3 in systemic wound signaling	PLANT-ENVIRONMENT INTERACTIONS
45	Lionetti	Vincenzo	From agro-industrial by-products to immunomodulators for sustainable crop protection	PLANT BIOTIC INTERACTIONS
47	Colzi	Ilaria	Microplastics in soil alter crop pathogen susceptibility: evidence from Solanum lycopersicum	PLANT BIOTIC INTERACTIONS
55	Palm	Emily Rose	Mining for salt tolerance indicators in the genus Vigna	PLANT-ENVIRONMENT INTERACTIONS
57	Trifilò	Patrizia	Hydrochar as a soil amendment in sunflower: linking physiological responses and molecular mechanisms	PLANT-ENVIRONMENT INTERACTIONS
59	Soccio	Mario	Comparative analysis of Glyoxalase I gene expression in modern and ancient durum wheat (Triticum durum Desf.) genotypes under water stress at both vegetative and reproductive growth stages	PLANT-ENVIRONMENT INTERACTIONS
61	Chiavacci	Beatrice	Phytoextraction potential of Dittrichia viscosa in antimony-contaminated environments	PLANT-ENVIRONMENT INTERACTIONS
63	Ljumovic	Kristina	Production of human alpha-mannosidase in transgenic tobacco plants: a semi-industrial approach	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
65	Tonanzi	Andrea	Hydrolysis of indole glucosinolates by PENETRATION2 modulates camalexin production and resistance to Botrytis cinerea in Arabidopsis thaliana.	PLANT BIOTIC INTERACTIONS
67	Orlando Marchesano	Bianca Maria	APPI: a Versatile Platform for Whole Plant Imaging	CUTTING EDGE APPROACHES IN PLANT BIOLOGY

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69	Bigini	Valentina	From root symbiosis to spike: mycorrhizal fungi modulation of tetraploid wheat response to Fusarium Head Blight disease	PLANT BIOTIC INTERACTIONS
71	Russo	Noemi	Phenylpropanoid Pathway Reconstruction in Yeast: Elucidating Novel Reactions for the Production of Hydroxycinnamic Acid Conjugates	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
73	Nastasi	Sara Paola	Zein-Based Nanoparticles for the Delivery of Bioinsecticides in Sustainable Crop Pest Control	PLANT BIOTIC INTERACTIONS
75	Chiofalo	Maria Teresa	Seeing the unseen: microplastics effects on tomato hydraulics and non-structural carbohydrates	PLANT-ENVIRONMENT INTERACTIONS
79	Formentin	Elide	CYTOKININS AND ROS REGULATE THE ROOT MERISTEM SIZE AND ITS MAINTENANCE UNDER SALT STRESS IN RICE.	PLANT-ENVIRONMENT INTERACTIONS
81	Bossa	Rosanna	From Dark to Light: Structural and Functional Adaptations of Photosystems in Galdieria phlegrea	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
83	Di Colandrea	Melania	Application of exogenous VOCs on tomato plants (Solanum lycopersicum cv. Micro-Tom) to prime tolerance to water stress	PLANT-ENVIRONMENT INTERACTIONS
87	Cipriani	Maria Grazia	Hypericum perforatum and Gentiana lutea plant extracts: phytochemical profile and potential biological activities of two native plants from Pollino National Park	PLANT-ENVIRONMENT INTERACTIONS
89	Dainelli	Marco	Microplastics in the soil at sub-toxic concentrations cause metabolic changes decreasing fungal pathogen susceptibility in Arabidopsis thaliana	PLANT-ENVIRONMENT INTERACTIONS
91	Falliti	Elisa	Role of the Salt Tolerance-Related Protein (STRP) in the responses of Arabidopsis thaliana to infection by Pseudomonas syringae pv. tomato DC3000	PLANT BIOTIC INTERACTIONS
93	Manai	Michela	Bridging model systems and crop improvement: expression of the Arabidopsis Salt Tolerance-Related Protein (STRP) enhances cold tolerance in tomato	PLANT-ENVIRONMENT INTERACTIONS
95	Tomasella	Martina	The role of non-structural carbohydrate availability for turgor maintenance under drought: implications for xylem hydraulic safety	PLANT-ENVIRONMENT INTERACTIONS
97	Tarditi	Martina	Plant-based biostimulant effects on leaf secondary metabolites under abiotic stress conditions in grapevine	PLANT-ENVIRONMENT INTERACTIONS
101	Canteri	Paolo	Heterologous production of polycyclopropanated fatty acids in Chlamydomonas reinhardtii	NEW FRONTIERS IN GREEN BIOTECHNOLOGIES
103	Capuzzi	Anna Clara	Preliminary Studies on the Interaction Between Thioredoxin and Phosphoribulokinase	EVOLUTIONARY AND FUNCTIONAL BIOCHEMISTRY IN PLANTS
105	Del Pino	Arianna	Responses of Alpine grassland plants to heat wave: analysis of selected physiological parameters.	PLANT-ENVIRONMENT INTERACTIONS
107	Cimini	Sara	miRNAs and salt stress: a study on Italian Rice Varieties	PLANT-ENVIRONMENT INTERACTIONS
117	Boldrini	Luca	Chronic Chernobyl radiation in Lemna minor: two isotopes, different fates?	PLANT-ENVIRONMENT INTERACTIONS
125	Trost	Paolo	Cytochromes b561 and ascorbate redox homeostasis: a hidden relationship	EVOLUTIONARY AND FUNCTIONAL BIOCHEMISTRY IN PLANTS
127	Pagliarani	Chiara	Priming grapevine adaptability to multiple stresses through somaclonal variability	PLANT-ENVIRONMENT INTERACTIONS
129	Triozzi	Mariangela	Unraveling Tolerance and Susceptibility in Olive Cultivars: A Multi-Level Analysis of Xylella fastidiosa Infection	PLANT BIOTIC INTERACTIONS
133	Peruzzi	Giulia	CELLOX1-mediated modulation of DAMPs signaling fine-tunes root immunity and shapes interactions with beneficial and pathogenic fungi	PLANT BIOTIC INTERACTIONS
135	D'Esposito	Daniela	Volatile Organic Compounds Drive Plant–Plant Communication in Drought Stressed Tomato	PLANT-ENVIRONMENT INTERACTIONS
137	Alvaro	Federico Vincenzo	Knocking out doubts: how to resolve the role of Lhcb2 in plant photoprotection	PLANT-ENVIRONMENT INTERACTIONS
139	Secchi	Francesca	Dendrosurgery as a Target Treatment for Esca Disease in Barbera: A Case Study	PLANT BIOTIC INTERACTIONS

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143	Valenti	Gianmarco	Tissue-Specific Transcriptomics Reveals Developmental Mechanisms in Posidonia oceanica	PLANT-ENVIRONMENT INTERACTIONS
145	Loreto	Francesco	Deciphering Plant Interactions with Friends and Foes: the VOC Language	PLANT-ENVIRONMENT INTERACTIONS
147	Bertea	Cinzia Margherita	Betalain degradation products (BDPs) as potential biostimulants able to improve salt and osmotic stress plant tolerance	PLANT-ENVIRONMENT INTERACTIONS
149	De Lorenzo	Giulia	Oligogalacturonides: a pleiotropic signal involved in immunity and development through their interaction in the cell wall with diverse proteins and peptides	PLANT BIOTIC INTERACTIONS
151	SUTERA	ALBERTO	Characterization of endophytic microbiota in seeds and tissues of the seagrass Posidonia oceanica	PLANT BIOTIC INTERACTIONS
153	De Gara	Laura	Polystyrene nanoplastics impact on crops: a new challenge for agricultural and food safety	PLANT-ENVIRONMENT INTERACTIONS