ISTITUTO	**CODICE**	TITOLO E AUTORI
IBBR	**A1**	**Making diversity accessible: Integrating the Institute of Biosciences and BioResources genebank into national and European networks to fully exploit the potential of plant genetic resources for food and agriculture.** Eleonora Fornaro, Gabriele Bucci, Domenico De Paola, Marina Tumolo
IBBR	**A2**	**Sustainable approaches for drought tolerance in wheat.** Lavecchia A., Taranto F., Balestrini R. M.
IBIOM	**B1**	**Towards Harmonizing Metagenomics Data in Health and Nutrition Studies.** Lucia Maisto, Claudia Telegrafo, Elisabetta Sbisà, Apollonia Tullo, Bachir Balech
IBIOM	**B2**	**Metabolomics and Life Sciences: new frontiers in medicine, biology and environmental sciences.** Fabrizio Mastrorocco, Clara Musicco, Luca De Martino, Sergio Giannattasio
IBIOM	**B3**	**Defining an operative definition of the Healthy Human Gut Microbiome through Machine Learning approaches.** Erika Lorusso, Bablu Kumar, Giuseppe Defazio, Bruno Fosso and Graziano Pesole
IC	**C1**	**Multiscale Characterization and Imaging of nano/bio-materials by X-ray microdiffraction and microscopy.** Erika Manicone
IC	**C2**	**AMALPHI: A Machine Learning Platform for Predicting Drug-Induced PhospholIpidosis.** Maria Cristina Lomuscio
IIA	**D1**	**SDG 15.3.1 indicator at local scale for land degradation monitoring in Alta Murgia protected area.** Cristina Tarantino; Mariella Aquilino; Saverio Vicario; Rocco Labadessa; Cristina Domingo-Marimon; Pau Montero; Francesca Assennato; Paolo Mazzetti
IIA	**D2**	**Large-scale risks of an emergency phytosanitary action plan on regional biodiversity.** Rocco Labadessa, Saverio Vicario, Leonardo Ancillotto, Cristina Tarantino, Maria Adamo
IPCF	**E1**	**Do bacteria dream of electric wires?** Labarile, Stufano, Mongiovì, Vona, Grattieri, Farinola, Trotta.
IPCF	**E2**	**Synthetic and Cell-Derived Nanovectors for Delivery of Therapeutic/Diagnostic Agents** Rizzi F., Mastrogiacomo R., Lasala P., Minervini G., Panniello A., Ingrosso C., Striccoli M., Curri M.L., Fanizza E., Comparelli R., Depalo N
IREA	**F1**	**High temporal frequency SAR data for investigating rapid changes in the water cycle.** Davide Palmisano
IREA	**F2**	**Irrigated areas detection from high-resolution surface soil moisture maps.** Cinzia Albertini
IRSA	**G1**	**Topological Data Analysis for resilience assessment of Water Distribution Networks.** Laura Selicato, Alessandro Pagano e Nicoletta Del Buono
IRSA	**G2**	**Ricerca interdisciplinare nel CNR: l'Istituto di Ricerca sulle Acque.** Marco Berardi, Luigi di Bitonto
IRSA	**G3**	**Processi economici e a basso impatto ambientale per la valorizzazione dei fanghi di depurazione municipali in biocarburanti e prodotti chimici.** Alessia De Matteis, Luigi di Bitonto, Valeria D'Ambrosio, Vito Locaputo, Antonella Angelini and Carlo Pastore
ISPA	**H1**	**Soilless cultivation systems to produce tailored microgreens for specific nutritional needs.** Massimiliano D'Imperio
ISPA	**H2**	**Insect residues as eco-friendly fertilizers: a study on nutritional effects in tomatoes and microgreen.** Giuseppe Di Cuia
ISPA	**H3**	**Strategie sostenibiliper il recupero di estratti antimicrobici da scarti della lavorazione del cedro.** Schirinzi w., Adduci A., Rossi A., Quintieri L., Caputo L.
ISPA	**H4**	**Composizione e caratterizzazione molecolare del micobiota di formaggi stagionati nelle miniere di Dossena (BG).** Pamela Anelli, Chiara Dall'Asta, Giuseppe Cozzi, Filomena Epifani, Daria Carella, Davide Scarpetta, Milena Brasca, Antonio Moretti, Antonia Susca
ISPA	**H5**	**Pleurotus spp. as a source of biotechnolocical application.** Martina Loi, F. Fanelli, A. Villani, C. Altomare, B. Ciasca, M. Haidukowski, G. Di Cuia, M. D'imperio, A. Parente, Giuseppina Mulè
ISTP	**I1**	**The effects of Plasma Activated Water irrigation on tomato seedlings: enhancing growth and protecting from viruses.** Domenico Aceto, Marianna Ambrico, Giorgio Dilecce, Paolo Francesco Ambrico
ISTP	**I2**	**Discharge-assisted LIBS for the analysis of hydrogen isotopes content in tungsten samples.** Arshad Hussain, Domenico Aceto, Paolo Francesco, Giorgio Dilecce
ISTP	**I3**	**SPIDER, the negative ion source for ITER.** Antonio Panarese, Alessandro De Tommaso, Pierpaolo Minelli, Filippo Cichocki, Francesco Taccogna
ISTP	**I4**	**Particle-in-Cell modeling of needle-to-plate ns-pulse spark discharge.** Alessandro De Tommaso, Antonio Panarese, Pierpaolo Minelli, Filippo Cichocki, Francesco Taccogna
ITB	**L1**	**Design of explainable methods for predicting on-target and off-target effects of gRNA sequences in CRISPR/Cas9 Base Editing.** Hasin Faiza, Consiglio Arianna, Mencar Corrado, Orro Alessandro, Pelucchi Paride, Scichilone Martina, Selmi Tommaso
ITB	**L2**	**MATITE - a Multi-omic Approach To Investigate The human repeatomE.** Coffa Martina, Grillo Giorgio, Licciulli Flavio, Consiglio Arianna e Bersani Francesca
ITB	**L3**	**A Machine Learning Data Integration Pipeline for the Discovery of Novel Disease Biomarkers from Liquid Biopsy.** Veronica Buttaro, Daniele Rosa, Antonio Pellicani, Cristina Pizzulli, Gianvito Pio, Michelangelo Ceci, Domenica D'Elia
ITB	**L4**	**CNRBiOmics@CNR: State of the art of a Computational and Storage platform for Life Science data.** Lo Giudice Claudio, Miniello Giorgia, Moscatelli Marco, Cecinato Gianluca, Nicola Losito, Guido Cauli, Licciulli Flavio
NANOTEC	**M1**	**PREmedCAP and NECTAR two scientific PRIN 2022 (PNRR) projects to develop effective plasma medicine approaches in cancer treatment.** Roberto Gristina, Giulia Petrucci, Viviana Di Giacomo, Maria Teresa Rotelli, Michele Casiello, Antonella Piscioneri, Sabrina Morelli, Marcella Rinaldi, Vittoria Perrotti, Loredana De Bartolo, Donato Francesco Altomare, Pietro Favia, Eloisa Sardella
NANOTEC	**M2**	**B-ME: Bio-based Materials for electrochemical energy conversion and storage.** Chiara Mongiovì, Rossella Labarile, Matteo Grattieri, Alberto Perrotta, Massimo Trotta, Paolo Stufano
NANOTEC	**M3**	**Sustainable strategies for energy conversion and storage.** Sara Lotito, Stefano Dicorato, Antonella Milella, Vito Rizzi, Domenico Cignolo, Jennifer Gubitosa, Pinalysa Cosma, Alberto Sacchetti, Michelaria Giangregorio, Giovanni Bruno, Alberto Perrotta, Giuseppe Valerio Bianco
NANOTEC	**M4**	**Vapour deposition techniques applied on halide perovskite heterojunctions for photovoltaic and photocatalytic applications.** Alberto Perrotta, Sara Covella, Sara Lotito, Vincenza Armenise, Antonella Milella, Fabio Palumbo, Francesco Fracassi, Andrea Listorti, Silvia Colella
STIIMA	**N1**	**Agricultural Robotics for Automatic In-field Phenotyping.** Arianna Rana, Rosa Pia Devanna
STIIMA	**N2**	**Electroconductive composite foams made of Carbon Fiber-Polylactic Acid (CF-PLA) or Recycled Polypropylene (PP) with reused metal powders for EMI-shielding applications.** Elisabetta Brandonisio
STIIMA	**N3**	**Industrial Datasets for Multi-Modal Monitoring of an Assembly Task for Human Action Recognition and Segmentation.** Annaclaudia Bono, Laura Romeo
IAC	**O1**	**Exploring Reactive Equilibria and Network Propagation in Host-Parasitoid Models Under On-Off Intermittency.** F. Diele, D. Lacitignola, C. Marangi, A. Monti, A. Provenzale
IAC	**O2**	**Model Order Reduction techniques for pattern formation in a chemotaxis model.** F. Diele, D. Lacitignola, C. Marangi, A. Monti