

## Ciclo XXXIV

### Dott. Filippo Fazzino

- (2019) Calabrò P. S., Fazzino F., Folino A., Paone E., Komilis D. - Semi-Continuous Anaerobic Digestion of Orange Peel Waste: Effect of Activated Carbon Addition and Alkaline Pretreatment on the Process. *Sustainability* 2019, 11(12), 3386.
- (2019) Calabrò P. S., Fazzino F., Folino A., Scibetta S., Sidari R. - Improvement of semi-continuous anaerobic digestion of pre-treated orange peel waste by the combined use of zero valent iron and granular activated carbon. *Biomass and Bioenergy*, Volume 129, October 2019, 105337.
- (2020) Calabrò P. S., Fazzino F., Folino A., Komilis D. Semi-continuous Anaerobic Digestion of Orange Peel Waste: Preliminary Results. V. Naddeo et al. (eds.), *Frontiers in Water-Energy-Nexus—Nature-Based Solutions, Advanced Technologies and Best Practices for Environmental Sustainability* pp 309-311.
- (2020) Calabrò P. S., Folino A., Fazzino F., Komilis D. – Preliminary evaluation of the anaerobic biodegradability of three biobased materials used for the production of disposable plastic items. *Journal of Hazardous Materials* Volume 390, 15 May 2020, 121653.
- (2020) Calabrò P. S., Fazzino F., Sidari R., Zema D. A. – Optimization of orange peel waste ensiling for sustainable anaerobic digestion. *Renewable Energy* Volume 154, July 2020, Pages 849-862.
- (2021) Calabrò P. S., Fazzino F., Pangallo D. – How does separate collection efficiency influence biological stability of commingled Italian municipal solid waste? *Sustainable Chemistry and Pharmacy* Volume 19, April 2021, 100355.
- (2021) Fazzino F., Mauriello F., Paone E., Sidari R., Calabrò P. S. – Integral valorization of orange peel waste through optimized ensiling: Lactic acid and bioethanol production. *Chemosphere*, Volume 271, May 2021, 129602.
- (2021) Calabrò P. S., Fazzino F., Limonti C., Siciliano A. – Enhancement of Anaerobic Digestion of Waste-Activated Sludge by Conductive Materials under High Volatile Fatty Acids-to-Alkalinity Ratios. *Water* 2021, 13, 391.
- (2021) Paone E., Fazzino F., Pizzone D. M., Scurria A., Pagliario M., Ciriminna R., Calabrò P. S. – Towards the Anchovy Biorefinery: Biogas Production from Anchovy Processing Waste after Fish Oil Extraction with Biobased Limonene. *Sustainability* 2021, 13, 2428.
- (2021) Fazzino F., Paone E., Pedullà A., Mauriello F., Calabrò P. S. – A New Biorefinery Approach for the Full Valorisation of Anchovy Residues: Use of the Sludge Generated during the Extraction of Fish Oil as a Nitrogen Supplement in Anaerobic Digestion. *Applied Sciences*. 2021; 11(21):10163.
- (2021) Fazzino F., Bilardi S., Moraci N., Calabrò P. S. – Integrated Treatment at Laboratory Scale of a Mature Landfill Leachate via Active Filtration and Anaerobic Digestion: Preliminary Results. *Water*. 2021; 13(20):2845.
- (2021) Fazzino F., Folino A., Mauriello F., Pedullà A., Calabrò P. S. – Biofuel production from fruit and vegetable market waste and mature landfill leachate by an active filter-anaerobic digestion integrated system. *Energy Conversion and Management: X*, Volume 12, 2021, 100130, ISSN 2590-1745.