

Advancement in valorization technologies to improve utilization of bio-based waste in bioeconomy context

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Biobased natural deep eutectic system as versatile solvents : structure, interaction and advanced applications

Usmani, Zeba; Sharma, Minaxi; Tripathi, Manikant; **Lukk, Tiit**; **Karpichev, Yevgen**; Gathergood, Nicholas; Singh, Brahma N.; Thakur, Vijay Kumar; Tabatabaei, Meisam; Gupta, Vijai Kumar Science of the total environment 2023 / art. 163002 <https://doi.org/10.1016/j.scitotenv.2023.163002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biofuels and Bioproducts from Lignocellulosic Materials : Biomaterials

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The biomolecular spectrum drives microbial biology and functions in agri-food-environments

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Bioprocessing of waste biomass for sustainable product development and minimizing environmental impact

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Deciphering the omics of plant-microbe interaction: perspectives and new insights

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Lignocellulosic biorefineries : the current state of challenges and strategies for efficient commercialization

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Natural pigments (anthocyanins and chlorophyll) and antioxidants profiling of European red and green gooseberry (Ribes uva-crispa L.) extracted using green techniques (UAE-citric acid-mediated extraction)

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Recent advances in essential oils-based metal nanoparticles : a review on recent developments and biopharmaceutical applications

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Shaping the gut microbiota by bioactive phytochemicals : an emerging approach for the prevention and treatment of human diseases

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Valorization of fruits and vegetable wastes and by-products to produce natural pigments

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Valorization of seabuckthorn pomace to obtain bioactive carotenoids: An innovative approach of using green extraction techniques (ultrasonic and microwave-assisted extractions) synergized with green solvents (edible oils)

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