

### **Abiotic stress responses and microbe-mediated mitigation in plants: The omics strategies**

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### **Andrographolide, a diterpene lactone from *Andrographis paniculata* and its therapeutic promises in cancer**

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### **Biocontrol of *Fusarium wilt* of *Capsicum annuum* by rhizospheric bacteria isolated from turmeric endowed with plant growth promotion and disease suppression potential**

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**Energy production from steam gasification processes and parameters that contemplate in biomass gasifier – a review**

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**Engineered microbial host selection for value-added bioproducts from lignocellulose**

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**Erratum: author correction: Alleviation of drought stress in pulse crops with ACC deaminase producing rhizobacteria isolated from acidic soil of Northeast India (Scientific reports (2018) 8 1 (3560))**

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**Implications of plant growth promoting Klebsiella sp. CPSB4 and Enterobacter sp. CPSB49 in luxuriant growth of tomato plants under chromium stress**

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**Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production**

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**Ionic liquid based pretreatment of lignocellulosic biomass for enhanced bioconversion**

**Usmani, Zeba**; Sharma, Minaxi; Gupta, Pratishtha; Karpichev, Yevgen; Gathergood, Nicholas; Bhat, Rajeev; **Gupta, Vijai Kumar**

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**Land use change : a key ecological disturbance declines soil microbial biomass in dry tropical uplands**

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**Lignocellulosic biomass (LCB) : a potential alternative biorefinery feedstock for polyhydroxyalkanoates production**

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**Lipopolysaccharide-induced priming enhances NO-mediated activation of defense responses in pearl millet challenged with Sclerospora graminicola**

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### **Metagenome dataset of wheat rhizosphere from Ghazipur region of Eastern Uttar Pradesh**

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### **Metatranscriptome analysis deciphers multifunctional genes and enzymes linked with the degradation of aromatic compounds and pesticides in the wheat rhizosphere**

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### **Microbial beta glucosidase enzymes : recent advances in biomass conversation for biofuels application**

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