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

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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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**Erratum: author correction: Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production (Scientific reports (2017) 7 1 (11809))**

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; **Gupta, Vijai Kumar**; Sarma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap Scientific reports 2018 / art. 4650, 1 p.

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**A greener approach to hydrolyse ionic liquids**

**Sudheer, Surya; Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Vilu, Raivo; Gupta, Vijai Kumar; Gathergood, Nicholas** Basic & Clinical Pharmacology & Toxicology 2018 International Conference on Biotechnology and Bioengineering (ICBB2018) : 24-26 October 2018, Budapest, Hungary 2018 / p. 21 <https://doi.org/10.1111/bcpt.13165>

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

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

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