

ABSTRACT

A tea leaf dregs graphene-CuCeMOF-PVB composite material and a preparation method and an application therefor, the composite material being a tea leaf dregs graphene-CuCeMOF-PVB composite material prepared from raw materials comprising waste tea leaf dregs, CeMOF, and a copper source substance; the composite material has functions of broad spectrum absorption and low emission, is low in cost and has common raw materials, solves the problem of the treatment of waste tea leaf dregs wasting resources, can be used for preparing thermally conductive materials and anti-corrosion coatings, and can specifically be used for thermally conductive film for thermal conduction in electronic devices; the composite material of the present invention has a simple preparation process and is low in cost, safe and environmentally friendly, and suitable for continuous industrial production, expanding the areas of application thereof, and being capable of being used for national defense.