

Electronic Supplementary Information (ESI) for

## A four-fold interpenetrating three-dimensional cadmium(II) coordination polymer: synthesis, crystal structure and physical property

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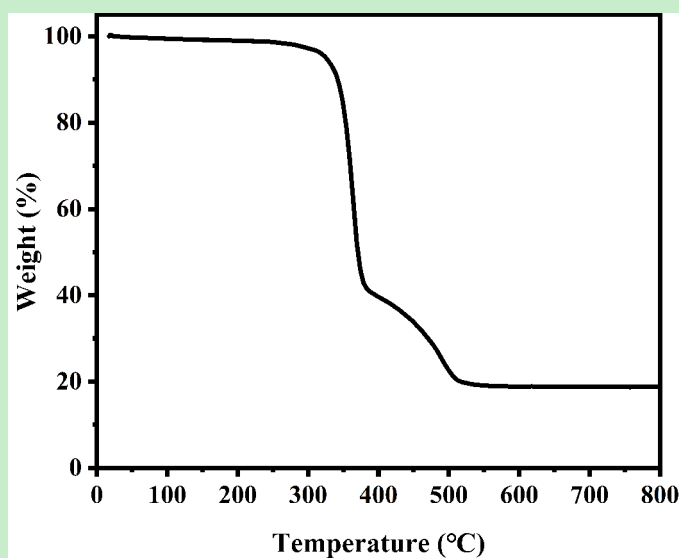
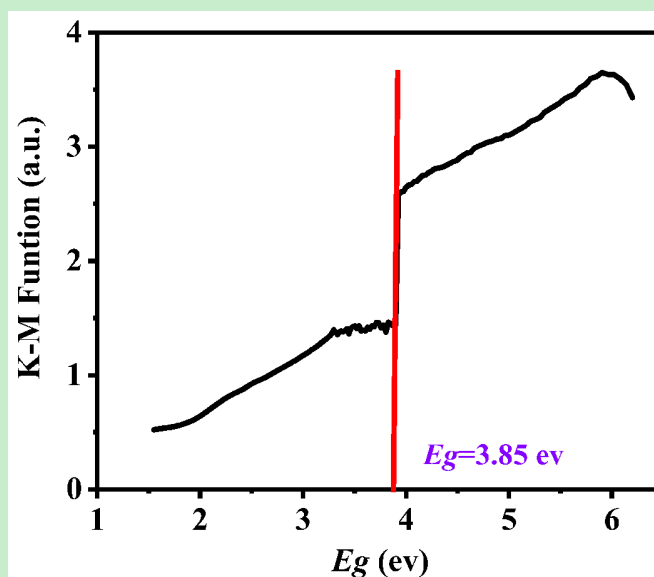
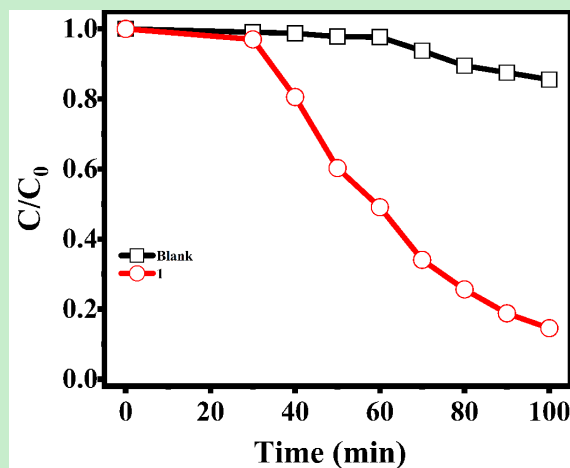
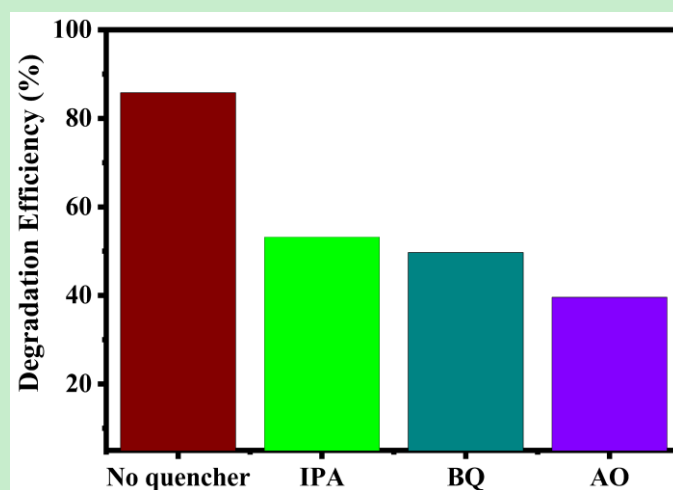


Figure. S1 Thermogravimetric curve of compound (I).



**Figure. S2** Kubelka–Munk-transformed diffuse reflectance spectra of compound (I).**Figure. S3** Photocatalytic decomposition of MB in aqueous solution under UV irradiation with the use of compound (I) and the control experiment without any catalyst.**Figure. S4** Trapping experiment of active species during the photocatalytic reaction with compound (I).