Supplementary Information



**Figure S1.** XPS spectra of ZTDA. **a**. Full pattern of ZTDA. **b**. C1s. **c**. N1s. **d**.O1s. **e**. U4f



**Figure S2.** Fitting curves of U(VI) adsorption isotherm models for ZTBA



**Figure S3.** Fitting curves of U(VI) adsorption isotherm models for ZTDA

**Table S1.** Comparison of the max adsorption capacity of materials

|  |  |  |
| --- | --- | --- |
| Material |  | *Qe*(max)  (mg g-1) |
| ZTBA |  | 525.7 |
| ZTDA |  | 465.7 |
| ZDBA[53]  ZDBA |  | 446.2 |
| ZDDA[52]  Liu |  | 295.5 |
| Han[56]  Han |  | 584.6 |
| He[55]  He |  | 370.8 |
| Yang[26]  Fungus Fusarium sp. #ZZF51 |  | 15.5 |



**Figure S4.** Kinetics model diagrams of ZTBA and ZTDA