

Supporting Information

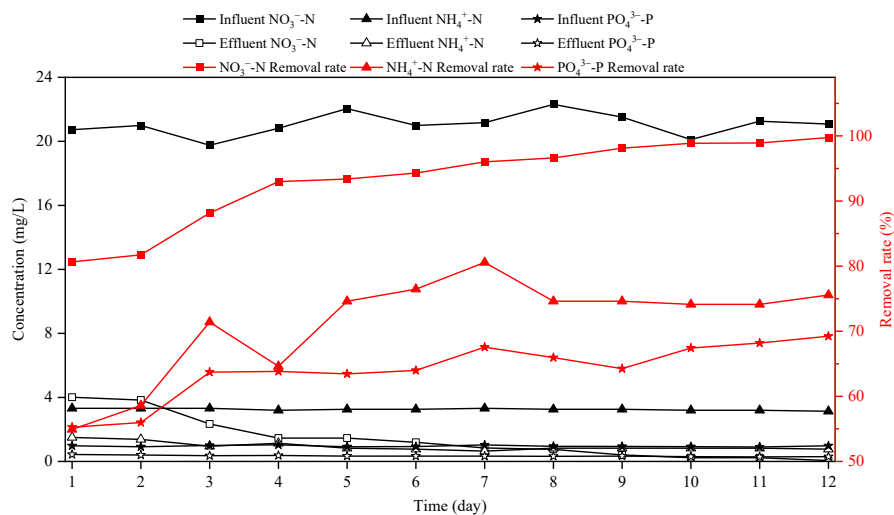


Fig. S1 Profiles of influent/effluent NO_3^- -N, NH_4^+ -N, PO_4^{3-} -P concentration and their removal rate during the start-up of the CGSAD reactor.

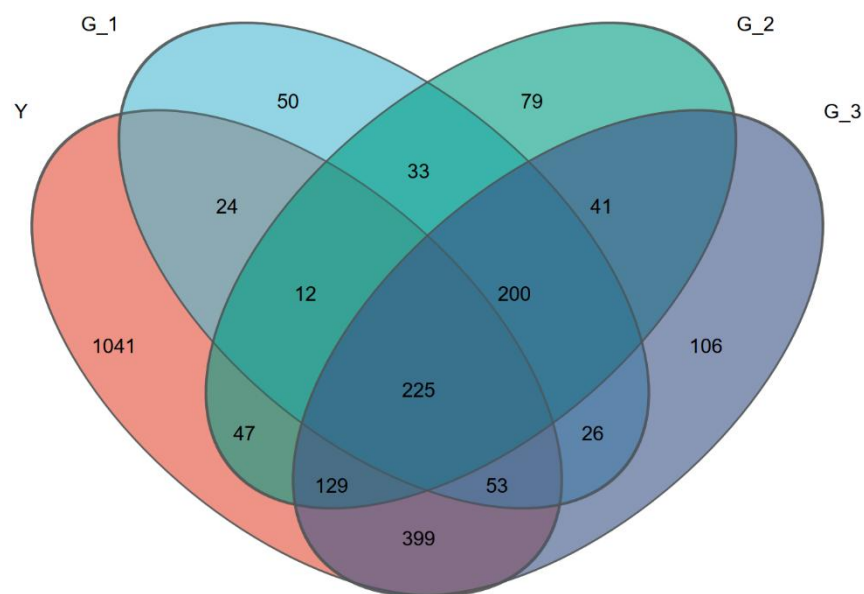


Fig. S2 The Venn diagram at Genus level.

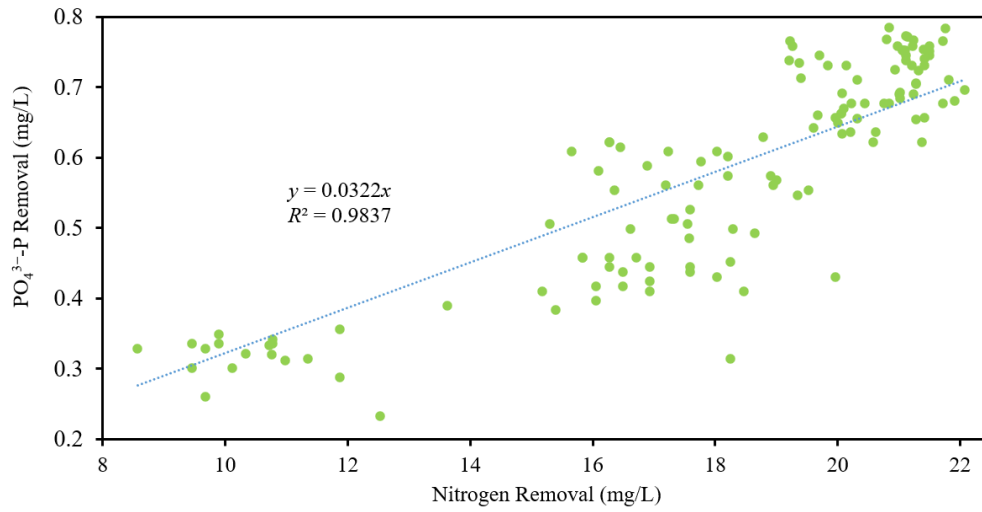


Fig. S3 Positive linear correlation between nitrogen and phosphate removal during the experimental periods.