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Supporting Information

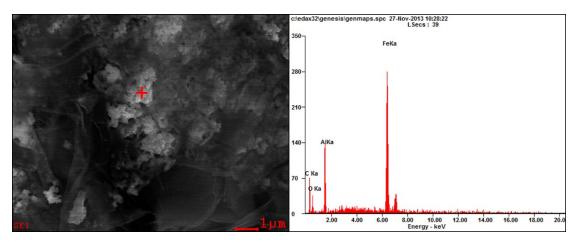


Fig. S1 The EDS spectra of Al₂O₃-Fe₃O₄-EG

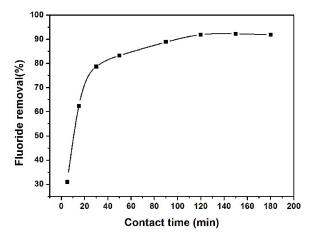


Fig. S2 The effect of contact time on fluoride removal efficiency of Al_2O_3 -Fe₃O₄-EG at pH=4, T= 30 °C, m= 0.2 g and an initial fluoride concentration of 5 mg/L in 50 mL solution

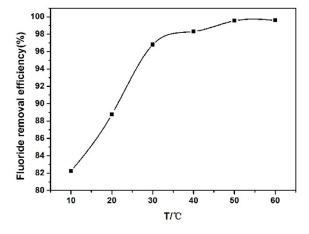


Fig. S3 The effect of temperature on fluoride removal efficiency of Al_2O_3 -Fe₃O₄-EG at pH=4, t= 120 min, m= 0.2 g and an initial fluoride concentration of 5 mg/L in 50 mL solution

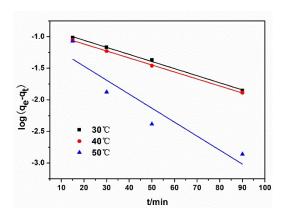


Fig. S4 Langmuir and Freundlich isotherm curves of fluoride adsorption on nano-sandwich at different temperatures

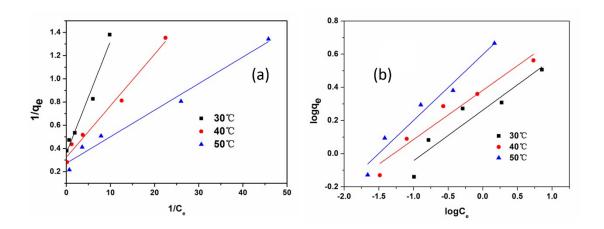


Fig. S5 Langmuir and Freundlich isotherm curves of fluoride adsorption on nano-sandwich at different temperatures