Supporting Information

Effective Poly (Cyclotriphosphazene-Co-4,4′-Sulfonyldiphenol)@rGO Sheets for Tetracycline Adsorption: Fabrication, Characterization, Adsorption Kinetics and Thermodynamics

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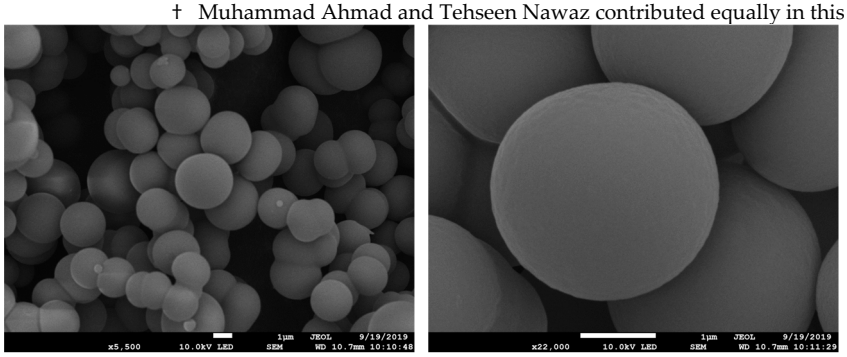


Figure S1. SEM of PZS microspheres

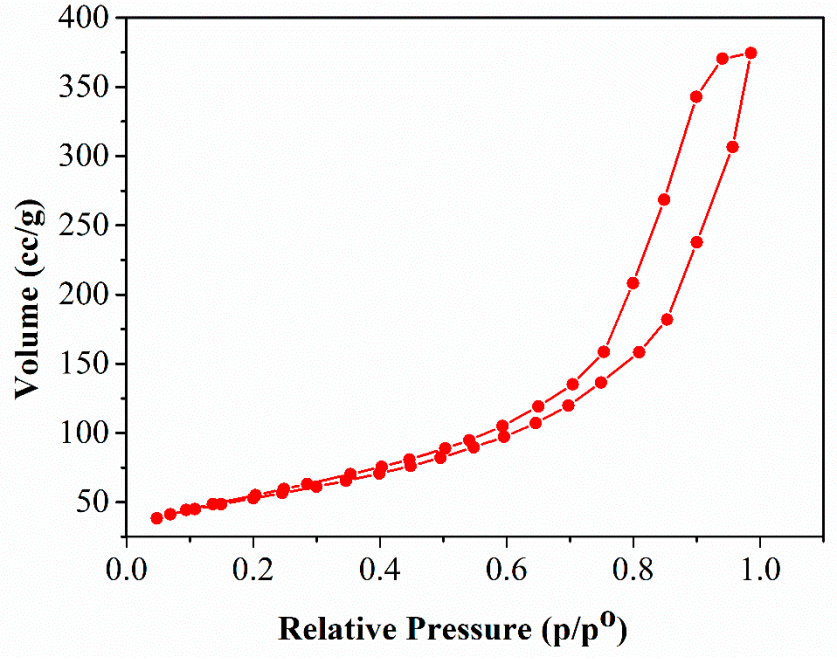


Figure S2. N_2 adsorption-desorption isotherm of PZS@rGO8%

Table S1. Comparison of the maximum equilibrium adsorption capacity of TC

Adsorbents	pH	T(K)	S_{BET} (m^2/g)	q_{max} (mg/g)	Refs
CuCo/MIL-101	4.8	318	2342	161.85	[1]
MWCNT/MIL-53	7	303	60.17	180.68	[2]
MOF/graphite oxide pellets	8	303	1266.69	228.00	[3]
Fe-based MOFs	-	-	1203	75.75	[4]
Polystyrene/graphene oxide	6	303	45.75	19.27	[5]

Zeolite Y	6.7	308	657.44	201.77	[6]
Cu-immobilized alginate	3	318	-	58.75	[7]
Alginate/graphene hydrogel	8	298	26.21	290.70	[8]
AG-ZIF	6	303	138.62	456.62	[9]
PZS@rGO8%	6	303	40	496	This work

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