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## **Electronic Supplementary Material**

## Zinc oxide/nanoporous carbon hybrid materials derived from metalorganic frameworks with different dielectric and absorption performances

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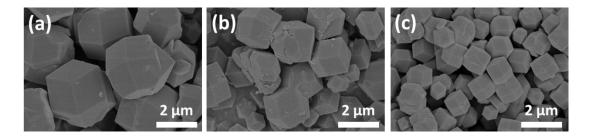


Fig. S1 a-c) SEM images of S-700/800/900.

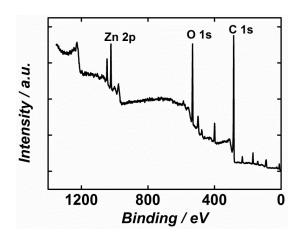
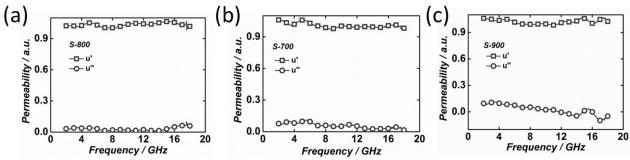


Fig. S2. XPS survey spectrum of S-800.



**Fig. S3** a-c) Permeability of S-700/800/900.

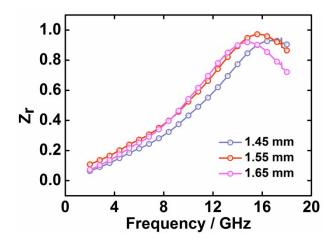


Fig. S4 Impedance matching characteristics of S-800 composites with different thicknesses.

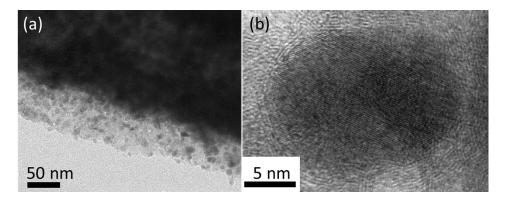


Fig. S5 TEM and HRTEM images of sample S-800.