SUPPLEMENTARY INFORMATION

Hemostatic and Antibacterial Calcium-Copper Zeolite Gauze for Infected Wound Healing

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Supplementary Figures

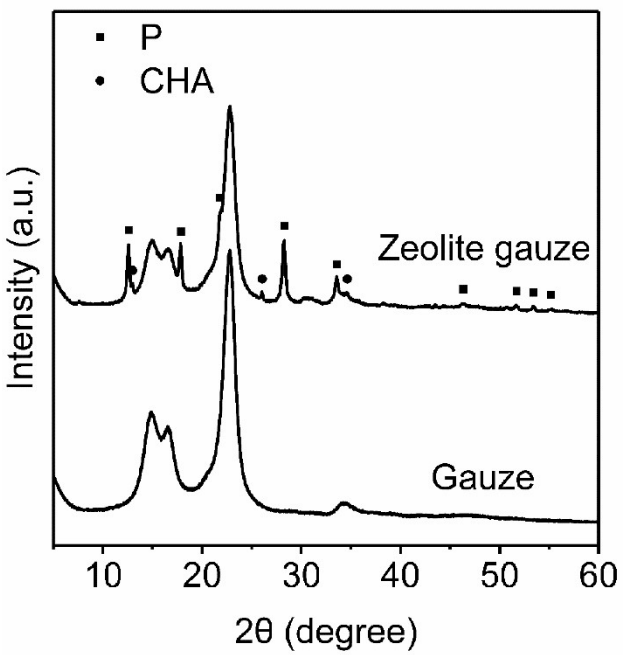

Fig. S1 XRD patterns of zeolite gauze and gauze.

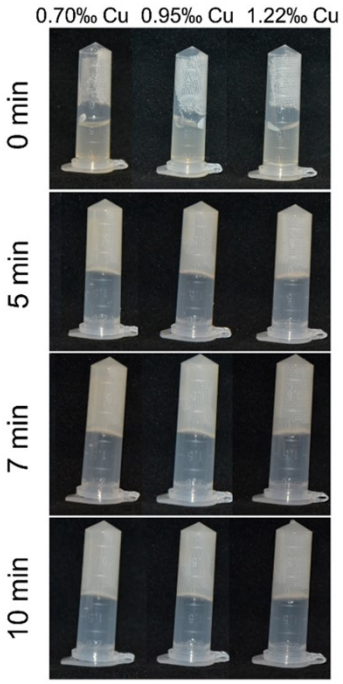

Fig. S2 Photograph of CaCu-ZG in the in vitro plasma clotting assay.

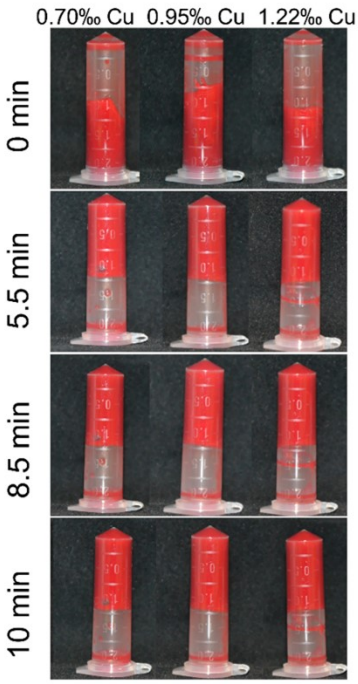

Fig. S3 Photograph of CaCu-ZG in the in vitro blood clotting assay.

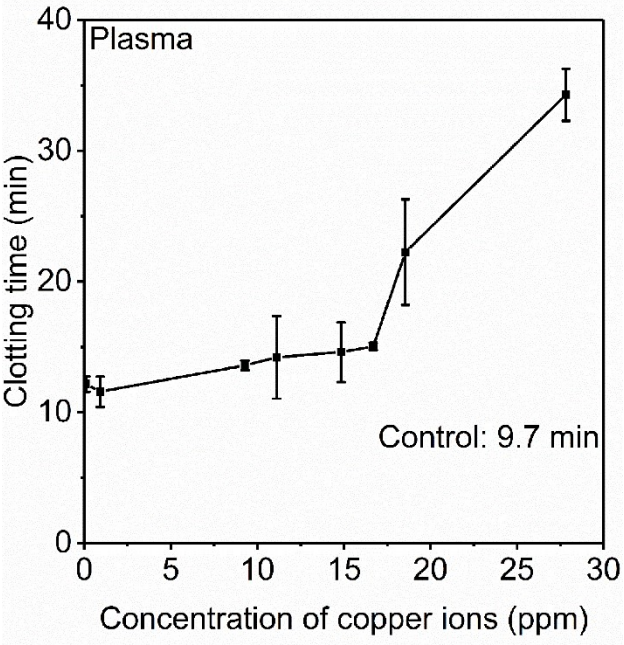

Fig. S4 Plasma clotting time of different copper ion concentrations (n = 3). Error bars, mean ± SD. The clotting time of normal plasma in the blank control group is 9.7 min.

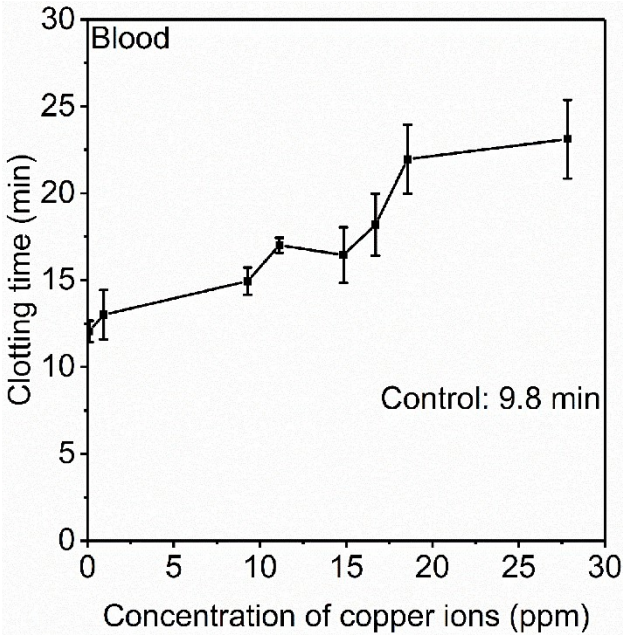

Fig. S5 Blood clotting time of different copper ion concentrations (n = 3). Error bars, mean ± SD. The clotting time of normal plasma in the blank control group is 9.8 min.

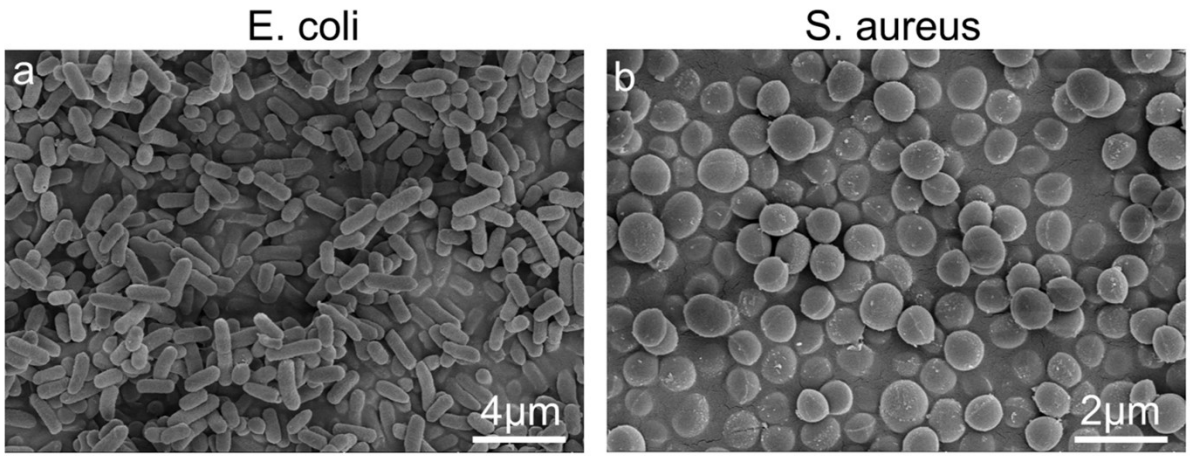

Fig. S6 (a) SEM image of E. coli without any treatment. (b) SEM image of S. aureus without any treatment.

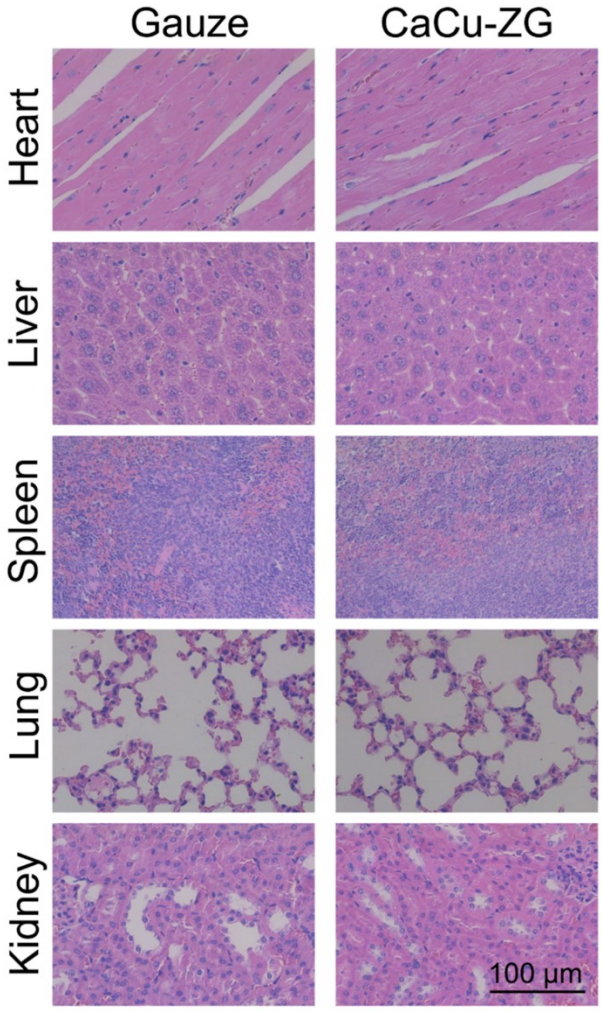

Fig. S7 HE staining for major organs of mice treated with gauze and CaCu-ZG (1.22‰ Cu).

Supplementary Tables

Table S1 Content of zeolite on the surface of CaCu-ZG (prepared with copper ion solution at a concentration of 100 ppm).

Sample	1	2	3	Mean	Standard deviation
Zeolite (%)	5.6	6.8	5.5	6	0.75