



Discovering the antibacterial and antiviral properties of Flexible Solid-State Carbon Cloth Supercapacitors by Sara Beikzadeh and Prof. Jadranka Travas-Sejdic at the University of Auckland.

From energy storage to pathogen eradication: unveiling the antibacterial and antiviral capacities of flexible solid-state carbon cloth supercapacitors

Exploiting its stored electrical charge, the supercapacitor effectively disinfects bacteria and neutralizes viruses upon surface contact, achieving remarkable reductions of 6-log CFU for *Escherichia coli* and 5-log PFU for HSV-1 herpes virus.

As featured in:



See Jadranka Travas-Sejdic *et al.*,
J. Mater. Chem. B, 2023, **11**, 8170.