

Antimicrobial Systems

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Ph.D. in Chemical Engineering University of Notre Dame



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Functional materials and nanomaterials for application in health and environment

Editor of Chemical Engineering Journal; Scientific and editorial board member of international journals and conferences; More than 150 publications, More than 300 conference papers; 50 plenary, keynotes and invited talks. 11 Inventions with 30+ patents. Grant reviewer for UK-FPSRC, European-ERC/Framework6/7, Singapore-A Star U.S.-Small Business/Petroleum Research Fund

Hong Kong



Each year, about <u>one billion</u> people worldwide suffer from influenza infection with fatalities reaching <u>half a million</u>. These figures will further increase whenever a new strain of virus emerges...



Stopping disease transmission is therefore critical for individual and community health...





Smart Anti-Microbial Coating

Simple and easy to use

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Fast and effective: rapidly inactivates and kills virus, bacteria and spores on contact

Long lasting: minimum 30 days in 1 application

Smart : self-disinfect on touch and contamination



































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