



Xie Xiaobao

Xie Xiaobao, professor, master's tutor, Director of Microbial Engineering Research and Development Center, director of the Guangdong Antibacterial Materials and Antibacterial Detection Engineering Technology Research Center, deputy director of Photocatalysis Industry Association of China(PIAC) and leader of the Standard Working Group, Vice Chairman of Chinese Industry Association for Antibacterial Materials & Products(CIAA), Member of Zhongguancun Antibacterial Material Industry Technology Innovation Alliance and Chairman of the Standards Committee, editorial board member of China surfactant Detergent & Cosmetics, Detergent & Cosmetics, and Journal of Environmental Hygiene.

He Mainly devoted to the research on the control of microbial hazards of industrial products, the mechanism of microbial resistance, the antibacterial mechanism of antibacterial agents, and the new testing technology for antimicrobial performance testing and safety performance evaluation. He has Established a common key technical system for the control of mold microbial hazards in industrial products, formulated a series of national standards for antibacterial activity determination that reached the international advanced level, solved important scientific problems and key technical problems in antibacterial technology and safety evaluation in the field of biosafety, which has greatly promoted the development of China's antibacterial industry. He presided over and collaborated on more than 25 national "863" projects, AQSIQ public welfare research projects, National Natural Science Foundation of China, and Guangdong Science and Technology Plan projects. He presided over the

formulation of 10 national and industry standards and participated in the formulation of 22 national and industry standards.

He has won 1 first prize of Guangdong Science and Technology Award, 2 second prize of Municipal Science and Technology Award, 28 national invention patents, published more than 140 papers of SCI and domestic core journals, including 1 highly-cited paper (the number of citations reached More than 700 times), co-published the monograph "Industrial Microbiocides".

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3. **Xie Xiaobao**, Li Hong, Fang Xiaozhong, et al. GB/T 35469-2017 Test method of anti-mold activity of building wood-plastic composites

4. **Xie Xiaobao**, Ouyang Yousheng, Wang Haojiang, et al. GB/T 31402—2015 Plastics—Measurement of antibacterial activity on plastics surfaces

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7. **Xie Xiaobao**, Ouyang Yousheng, Wang Haojiang, et al. GB/T 24127-2009 Testing method for determining algal resistance of plastics

8. **Xie Xiaobao**, Zhao Ling, Ouyang Yousheng, et al. GB/T 21353-2008 Test method for determining the resistance of paint film to algae

9. Fang Xijiang, **Xie Xiaobao**, Ouyang Yousheng, et al. GB/T 24346-2009 Textiles - Evaluation for anti-mould activity

10. Shang Chengjie, Fang Xijiang, **Xie Xiaobao**, et al. GB/T 24253-2009 Textiles - Evaluation for anti-mites activity

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