



## Advanced Coating Materials

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### DESCRIPTION

This book covers the recent advances in coating materials and their novel applications at the cross-section of advanced materials both current and next-generation. Advanced Coatings Materials contains chapters covering the latest research on polymers, carbon resins, and high-temperature materials used for coatings, adhesives, and varnishes today. Concise chapters describe the development, chemical and physical properties, synthesis and polymerization, commercial uses, and other characteristics for each raw material and coating detailed. A comprehensive, yet practical source of reference, this book provides an excellent foundation for comparing the properties and performance of coatings and selecting the most suitable materials based on specific service needs and environmental factors.

### ABOUT THE AUTHOR

**Liang Li** received his PhD from the Institute of Solid State Physics at the Chinese Academy of Sciences and won the Excellent President Scholarship in 2006. He is currently a full Professor at Soochow University, China. His research group (<http://ecs.suda.edu.cn>) focuses mainly on the energy conversion (solar cells and photodetectors) and storage (Li/Na batteries) devices of low-dimensional nanomaterials. He has published more than 140 papers with 6000 citations with an H-index of 40, as well as 16 patents.

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