



# Progress in Polymer Materials Science: Research, Development and Applications

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With chapters by the editors and other experts in the field of polymer science, this book covers a broad selection of important research advances in the field, including updates on enzymatic destruction and photoelectric characteristics, studies on the changes in the polymer molecular mass during hydrolysis and a new type of bioadditive for motor fuel, and an exploration of the interrelation of viscoelastic and electromagnetic properties of densely cross-linked polymers. Also included are chapters that discuss the problems of mechanics of textile performance, new aspects of polymeric nanofibers, a mathematical model of nanofragment cross-linked polymers, and much more.

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### Editorial Review

#### About the Author

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