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	Sommario/riassunto	This book includes selected conference proceedings of Conference on Processing and Characterization of Materials (CPCM-2020). The content of the book includes processing of and characterization of materials, sustainable energy materials, defense materials, functionally graded materials, and composites which has significant impact on cutting-edge applications. The book also includes surface engineering,

computational methods and materials, waste utilization, and corrosion and environmental degradation of materials. Design, research, and development studies, experimental investigations, theoretical analysis, and fabrication techniques relevant to the application of materials in various assemblies, ranging from individual components to complete structure are presented in the book. The book is useful for graduate students, researchers, and industry professionals alike.