

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910483317003321 |
| Titolo | Advances in Materials Research : Select Proceedings of ICAMR 2019 // edited by G. Kumaresan, N. Siva Shanmugam, V. Dhinakaran |
| Pubbl/distr/stampa | Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021 |
| ISBN | 981-15-8319-6 |
| Edizione | [1st ed. 2021.] |
| Descrizione fisica | 1 online resource (XX, 1267 p. 680 illus., 538 illus. in color.) |
| Collana | Springer Proceedings in Materials, , 2662-317X ; ; 5 |
| Disciplina | 620.110287 |
| Soggetti | Materials - Analysis Nanotechnology Ceramic materials Materials Catalysis Force and energy Characterization and Analytical Technique Ceramics Materials for Energy and Catalysis |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Patient Medicine Reminder System -- Optimization Of Mechanical Behaviors Of Boiled Egg Shell Particulated Banana Fiber Reinforced Polyester Composites -- Particle Swarm Optimization Tuned Fuzzy Controller For Vibration Control Of Active Suspension System -- Optimization Of Process Parameters In Disc Plate Using Thermo Structural Analysis -- Implementing Biomimicric Owl Wing Pattern For Noise Reduction In Turbine Blade -- RFID Based Real-Time Monitoring System For Drill Bit Manufacturing Process -- Performance Study Of Low Pressure Vertical Feedwater Heater With Ss304 As The Tube Material -- Job Safety Analysis For Various Operations In Cement Industry Using Risk Assessment Matrix -- Characterization And Fabrication Of Abs And Pla Based Polymer Matrix Composites Using 3d Printing -- Assessment Of Start-Up Agility Using Multi-Grade Fuzzy And Importance Performance Analysis. |

This book comprises select peer-reviewed proceedings of the International Conference on Advances in Materials Research (ICAMR 2019). The contents cover latest research in materials and their applications relevant to composites, metals, alloys, polymers, energy and phase change. The indigenous properties of materials including mechanical, electrical, thermal, optical, chemical and biological functions are discussed. The book also elaborates the properties and performance enhancement and/or deterioration in order of the modifications in atomic particles and structure. This book will be useful for both students and professionals interested in the development and applications of advanced materials.
