Record Nr. UNINA9910350325503321 Recent Advances in Material Sciences: Select Proceedings of ICLIET **Titolo** 2018 / / edited by Satish Pujari, Satuluri Srikiran, Sivarao Subramonian Singapore:,: Springer Singapore:,: Imprint: Springer,, 2019 Pubbl/distr/stampa **ISBN** 981-13-7643-3 Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (771 pages) Lecture Notes on Multidisciplinary Industrial Engineering, , 2522-5022 Collana Disciplina 620.11 Soggetti Materials science **Biomaterials** Nanotechnology Force and energy Tribology Corrosion and anti-corrosives Coatings Characterization and Evaluation of Materials **Energy Materials** Tribology, Corrosion and Coatings Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia 1. Preface -- 2. Papers on Materials Science and Engineering -- 3. Nota di contenuto Papers on Nanotechnology -- 4. Papers on Bio-materials -- 5. Papers on Batteries and Energy Materials. Sommario/riassunto This book comprises select proceedings of the International Conference on Latest Innovations in Materials Engineering and Technology (ICLIET 2018). The book focuses on diverse engineering materials, their design and applications. The materials in discussion include those related to coatings, polymers, composites, tribology, acoustic insulators, lubricants, and cryogenics. The book also highlights emerging nano and micro materials, bio engineering materials, as well as new energy materials for solar cells and photovoltaic cells. This book will serve as

an useful reference for students, researchers, and professionals

working in the field of materials science and engineering. .