1. Record Nr. UNINA9910984627503321

Autore	Koutsonas Spiridon (Spiros)
Titolo	Materials, Technologies and Machines of Modern Manufacturing
Pubbl/distr/stampa	Zurich : , : Trans Tech Publications, Limited, , 2022 ©2022
ISBN	9783036411088 3036411089
Edizione	[1st ed.]
Descrizione fisica	1 online resource (125 pages)
Altri autori (Persone)	MinafòGiovanni TanakaMasaru OmatsuTakashige LiZongjin KorsunskyAlexander M
Soggetti	Materials science Manufacturing processes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Materials, Technologies and Machines of Modern Manufacturing -- Preface -- Table of Contents -- Study of the Impact of Ionic Liquid on the Reactive Compatibilization of the NBR/EVASH/PP Vulcanized Thermoplatic Elastomer Using the Click Chemistry Technique by Thiol-Ene -- Peridynamic Model for Tensile Elongation and Fracture Simulations of Polymethyl Methacrylate Notched Specimens -- Thermo-Mechanical Bending for Hybrid Material Plates Perfect-Imperfect Rectangular Using High Order Theory -- Numerical and Experimental Analysis of Segmented Porous Implant Fabricated by 3D Printing and CNC Composite Machining Technology -- Mechanical Behavior of RC Beams Strengthened in Shear with CFRP Grid–Epoxy Mortar -- Research on Comprehensive Technology of Steel Grid Installation and Integral Jacking -- Qualitative to Quantitative Non-Destructive Evaluation: A Concept for D-Sight Inspections of Aircraft Structures -- High-Accuracy Detection and Classification of Defect and Deformation of Metal Screw Head Achieved by Convolutional Neural Networks -- Magnetic Structured Triboelectric Nanogenerators

Sommario/riassunto	Special topic volume with invited peer-reviewed papers only.