

1. Record Nr.	UNINA9910544850103321
Autore	Srivatsan T. S.
Titolo	Metal-Matrix Composites : Advances in Processing, Characterization, Performance and Analysis // edited by T. S. Srivatsan, Pradeep K. Rohatgi, Simona Hunyadi Murph
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-92567-6
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (380 pages) ; : (XVI, 385 p. 159 illus., 132 illus. in color)
Collana	The Minerals, Metals & Materials Series, , 2367-1696
Disciplina	620.16
Soggetti	Metals Composite materials Materials - Analysis Materials Chemistry Metals and Alloys Composites Materials Characterization Technique Metal-organic Frameworks Materials Chemistry Materials Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This collection brings together engineers, scientists, scholars, and entrepreneurs to present their novel and innovative contributions in the domain specific to metal-matrix composites and on aspects specific to processing, characterization, mechanical behavior, measurements, failure behavior, and kinetics governing microstructural influences on failure by fracture. Topics include but are not limited to: • Metals and metal-matrix composites • Nano-metal based composites • Intermetallic-based composites Contributions in the above topics

connect to applications in industry-relevant areas: automotive; nuclear and clean energy; aerospace; failure analysis; biomedical and healthcare; and heavy equipment, machinery, and goods.
