1.	Record Nr.	UNISALENTO991003220969707536
	Autore	Tong, Liyong, 1963-
	Titolo	3D fibre reinforced polymer composites [e-book] / Liyong Tong, Adrian P. Mouritz, Michael K. Banniste
	Pubbl/distr/stampa	Boston : Elsevier, 2002
	ISBN	9780080439389 0080439381
	Edizione	[1st ed.]
	Descrizione fisica	vii, 241 p. : ill. ; 25 cm
	Altri autori (Persone)	Mouritz, Adrian P. Bannister, Michael K.
	Disciplina	620.1923
	Soggetti	Fiber-reinforced plastics Polymeric composites Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Risorsa elettronica
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index
	Nota di contenuto	Introduction. Manufacture of 3D Fibre Preforms. Preform Consolidation. Micromechanics Models for Mechanical Properties. 3D Woven Composites. Braided Composite Materials. Knitted Composite Materials. Stitched Composites. Z-Pinned Composites
	Sommario/riassunto	Fibre reinforced polymer (FRP) composites are used in almost every type of advanced engineering structure, with their usage ranging from aircraft, helicopters and spacecraft through to boats, ships and offshore platforms and to automobiles, sports goods, chemical processing equipment and civil infrastructure such as bridges and buildlings. The usage of FRP composites continues to grow at an impessive rate as these materials are used more in their existing markets and become established in relatively new markets such as biomedical devices and civil structures. A key factor driving the increased applications of composites over the recent years is the development of new advanced forms of FRP materials. This includes developments in high performance resin systems and new styles of reinforcement, such as carbon nanotubes and nanoparticles. This book provides an up-to-date account of the fabrication, mechanical properties, delamination resistance, impact tolerance and applications

of 3D FRP composites. The book focuses on 3D composites made using the textile technologies of weaving, braiding, knitting and stiching as well as by z-pinning

2.

Record Nr.	UNINA9910574056703321
Autore	Teng Lin Sophie
Titolo	Self-regulated Learning and Second Language Writing : Fostering strategic language learners / / by Lin Sophie Teng
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783030995201
	9783030995195
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (231 pages)
Collana	English Language Education, , 2213-6975 ; ; 26
Disciplina	378.16913094248
	401.93
Soggetti	Language and languages - Study and teaching
	Educational psychology
	Study skills
	Language Education
	Educational Psychology
	Language Teaching and Learning
	Study and Learning Skills
	Adquisició d'una segona llengua
	Comunicació escrita
	Estratègies d'aprenentatge
	Motivació en l'educació
	Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part One: Self-regulation Theory and Key Literature on SRL Strategies -- Chapter1.Introduction -- Chapter2. SRL Strategies and Language Learning Strategies (LLSs) -- Chapter3. SRL Strategies in Writing

Contexts -- Chapter4. Theoretical and Conceptual Frameworks -- Part Two: Empirical Evaluation of SRL Strategies and Classroom Instruction in L2 Writing- Chapter5. Research Design and Measurement Development and Validation -- Chapter6. SRL Strategies and Social, Psychological and Linguistic Variables - Chapter7. Phase One -- Chapter8. Self-regulated Strategies-Based Writing Instruction - Phase Two -- Self-regulated Strategies-based Writing Instruction – Chapter9. Case Study -- Overall Discussion and Conclusion. .

Sommario/riassunto	This monograph is to investigate practical applications and contributions of self-regulated learning (SRL) to second/foreign language (L2) writing from sociocognitive and sociocultural perspectives. It showcases a comprehensive and updated review of conceptual and methodological issues of SRL and the state-of-the-art research on its applications to L2 learning and teaching. This volume further elaborates the design and results of a large-scale project which conducts observational and intervention studies investigating SRL strategies in L2 writing. This book reveals that a cross-disciplinary understanding of SRL strategies plays a crucial role in advancing theoretical functions of SRL and in extending its applications to L2 education in general, and L2 writing in particular. This book makes significant contributions to developing and validating new conceptual frameworks and tools for evaluating multidimensional structures of SRL strategies and self-efficacy in L2 writing; elucidating the interplay of personal, behavioral, environmental and psychological factors with SRL strategies and writing performance; and presenting an effective self-regulation instructional model for nurturing L2 learners' motivation and confidence to strategize, reflect and succeed in writing. Teng has established herself as one of the prominent scholars in the discussion of self-regulated learning strategies. Her contribution to the fields of L2 writing and strategic learning are undeniable. This monograph is an excellent showing of how her endeavors to bring established theories from educational psychology to applied writing research have progressed over a number of methodologically rigorous studies. It should be required reading for anyone with an interest in cultivating strategic writers not only in the Chinese context but worldwide. Nathan Thomas, UCL Institute of Education .