1.	Record Nr.	UNINA9910156360103321
	Titolo	Rhenium : properties, uses, and occurrence / / Eric James, editor
	Pubbl/distr/stampa	Hauppauge, New York : , : Nova Science Publishers, Incorporated, , [2017] ©2017
	ISBN	1-5361-0662-3
	Descrizione fisica	1 online resource (132 pages) : illustrations
	Collana	Chemistry Research and Applications
	Disciplina	546/.545
	Soggetti	Rhenium Organorhenium compounds Organometallic chemistry
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.

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   Autore   Camargo Edmar

   Titolo   Millimeter-Wave GaN Power Amplifier Design

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   Livello bibliografico   Monografia

   Sommario/riassunto This book gives you - in one comprehensive and practical resource --
                       everything you need to successfully design modern and sophisticated
                       power amplifiers at mmWave frequencies. The book provides an in-
                       depth treatment of the design methodology for MMIC power amplifiers,
                       then brings you step by step through the various phases of design,
                       from the selection of technology and preliminary architecture
                       considerations, to the effective design of the matching circuits and
                       conversion of electrical-to-electromagnetic models. Detailed figures
                       and numerous practical applications are included to help you gain
                       valuable insights into these technologies and learn to identify the best
                       path to a successful design. You'll be guided through a range of new
                       mmWave power applications that show particular promise to support
                       new 5G systems, while mastering the use of GaN technology that
                       continues to dominate the power mmWave applications due to its high
                       power, gain, and efficiency. This is a valuable resource for power
                       amplifier design engineers, technicians, industry R&D staff, and anyone
                       getting into the area of power MMICs who wants to learn how to design
                       at mmWave frequencies.