2023 IEEE 20th Consumer Communications & Networking Conference (CCNC 2023)

Las Vegas, Nevada, USA
8-11 January 2023

Pages 1-586

IEEE Catalog Number: CFP23CCN-POD
ISBN: 978-1-6654-9735-0

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP23CCN-POD
ISBN (Print-On-Demand):	978-1-6654-9735-0
ISBN (Online):	978-1-6654-9734-3
ISSN:	2331-9852

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings.com

TABLE OF CONTENTS