

**CAMBRIDGE**  
UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom  
One Liberty Plaza, 20th Floor, New York, NY 10006, USA  
477 Williamstown Road, Port Melbourne, VIC 3207, Australia  
314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi – 110025, India  
79 Anson Road, #06–04/06, Singapore 079906

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning, and research at the highest international levels of excellence.

[www.cambridge.org](http://www.cambridge.org)  
Information on this title: [www.cambridge.org/9781108476683](http://www.cambridge.org/9781108476683)  
DOI: 10.1017/9781108656870

© Cambridge University Press 2019

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2019

Printed in United Kingdom by TJ International Ltd. Padstow Cornwall

*A catalogue record for this publication is available from the British Library.*

*Library of Congress Cataloging-in-Publication Data*

Names: Liu, Jia-Ming, 1953– author. | Lin, I-Tan, 1983– author.

Title: Graphene photonics / Jia-Ming Liu (University of California, Los Angeles), I-Tan Lin (Intel, California).

Description: Cambridge : Cambridge University Press, 2018. | Includes bibliographical references and index.

Identifiers: LCCN 2018023253 | ISBN 9781108476683 (alk. paper)

Subjects: LCSH: Photonics. | Graphene. | Nanostructured materials – Optical properties.

Classification: LCC TA1530 .L58 2018 | DDC 621.36/5–dc23

LC record available at <https://lcn.loc.gov/2018023253>

ISBN 978-1-108-47668-3 Hardback

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.