

American Chemical Society
1155 16th St. NW, Washington, DC 20036
(202) 872-4600; TDD (202) 872-6076; Fax (202) 776-8264

Customer Service & Information
<http://pubshelp.acs.org> Tel (202) 872-4376
E-mail support@services.acs.org

Journal Production & Manufacturing Operations
American Chemical Society
2540 Olentangy River Road
P.O. Box 3330, Columbus, OH 43210
(614) 447-3665; Fax (614) 447-3745
E-mail acsproof@acs.org

ACS Publications Advertising Office
1155 16th St. NW, Washington, DC 20036
(202) 872-4536; E-mail advertising@acs.org

Subscription Services
P.O. Box 3337, Columbus, OH 43210

Members contact: Member Services
(614) 447-3776; (800) 333-9511; Fax (614) 447-3671
E-mail service@acs.org

Agencies & Institutions contact: Sales Analysis & Support
(614) 447-3674; (888) 338-0012; Fax (614) 447-5475
E-mail ACS_Pubs_Assist@acs.org

Publications Division
Brian D. Crawford, President

Journals Publishing Group
James Milne, Senior Vice President
Penelope A. Lewis, Director, Editorial Development
Tammy Hanna, Assistant Director

Journal Production & Manufacturing Operations
Robert S. O'Dell, Vice President, Manufacturing Operations
Leslie A. Walker, Manager, Journals Editing
Mary B. Harig, Senior Editor

Sales & Marketing
Brandon A. Nordin, Senior Vice President, Sales, Marketing & Digital Strategy
Melissa Blaney, Director of Marketing, Outreach Programs & Advertising Sales
Jonathan Morgan, Director, Digital Strategy & Platform Development
Wendy Wise, Assistant Director, Content Marketing
Brooke Howell, Senior Marketing Manager

Global Editorial & Author Services
Sarah B. Tegen, Vice President
Charley Trowbridge, Director, Peer Review Operations
Samantha Luck, Senior Peer Review Analyst

Copyright Permission: See the ACS Journal Publishing Agreement for certain rights (<http://pubs.acs.org/page/copyright/journals/index.html>). Reprographic copying beyond that permitted by Section 107 or 108 of the U.S. Copyright Act is allowed, provided that the current per article fee is paid to the Copyright Clearance Center. Tel: +1 978-750-8400. Reproduction or reproduction of material for which ACS owns copyright in this journal is permitted only through Rightslink at <http://pubs.acs.org/page/4authors/copyright/index.html>.

Instructions for Authors and the ACS Journal Publishing Agreement:

Visit the ACS Web site (<http://paragonplus.acs.org/login>). Please conform to these instructions when submitting manuscripts.

Manuscript Submission:

Submit via the Journal Web site (<http://pubs.acs.org/journal/jocheah>).

Accepted Papers and Proofs:

Direct correspondence to Journal Production & Manufacturing Operations (see above).

Journal Policies:

The American Chemical Society and its Editors assume no responsibility for the statements and opinions advanced by contributors. Registered names and trademarks, etc., used in this publication, even without specific indication thereof, are not to be considered unprotected by law.

Change of E-mail or Mailing Address:

For members only, notify Subscription Services (see above). Include both old and new addresses.

New and Renewal Subscriptions:

Members send payment to American Chemical Society, P.O. Box 182426, Columbus, OH 43218-2426. Institutions send payment to American Chemical Society, P.O. Box 182977, Columbus, OH 43218-2977.

2017 Subscription and Ordering Information:

ACS members may purchase a Web subscription for \$99. Contact Member Services (see above). Institutional subscribers may contact Sales Analysis & Support (see above) for Web and print subscription information.

Digital Object Identifier (DOI):

The DOI identification system for digital media has been designed to provide persistent and reliable identification of digital objects. Information on the DOI and its governing body, the International DOI Foundation, can be found at <http://www.doi.org>. The DOI is prominently displayed on each published paper.

Claims for Issues Not Received:

Claims will be honored only if submitted within 90 days of the issue date for subscribers in North America or within 180 days of the issue date for all other subscribers. Contact Customer Billing & Account Support. Tel (614) 447-3674 or (888) 338-0012; Fax (614) 447-5475; E-mail Liblink@acs.org.

Back Issue Orders:

To order print copies of issues from January 2010 forward, click on the Table of Contents link for the particular issue and click the green Order Print Issue button, or go to <http://pubstore.acs.org/journals.html>. From there you may order print copies of participating journals.

Bulk Reprint Orders:

For information on ordering commercial reprints, follow the instructions here: <https://help.acs.org/link/portal/9131/9131/Article/1190/Ordering-Commercial-Reprints-for-ACS-Articles> or contact Cierant Corporation at (866) 305-0111 between the hours of 9 am and 5 pm EST. Authors may order reprints via links from the galley proofs e-mails; contact the ACS Publications Help Desk at support@services.acs.org for assistance with galley proof emails.

Supporting Information (SI):

SI from 1995 to present is available free of charge from the journal's home page (<http://pubs.acs.org/journal/jocheah>). For information on electronic access, send e-mail to support@services.acs.org. SI prior to 1995 is available for a fee, from Office of Society Services. Tel (800) 227-5558 (US); (202) 872-4600 (worldwide); Fax (202) 872-6067; E-mail help@acs.org.

Terms of Use:

The terms of use for articles published in this journal may be viewed by accessing the article on the ACS Publications website. Open access articles are marked with ACS AuthorChoice, ACS AuthorChoice via CC-BY 4.0, or ACS AuthorChoice via CC-BY-NC-ND 4.0 licenses; those licenses link to the appropriate terms of use.



ASSOCIATE EDITORS

Donna Blackmond
The Scripps Research Institute
blackmond-office@jorgchm.acs.org

Carsten Bolm
RWTH Aachen University
bolm-office@jorgchm.acs.org

Masayuki Inoue
The University of Tokyo
inoue-office@jorgchm.acs.org

Marisa C. Kozlowski
University of Pennsylvania
kozlowski-office@jorgchm.acs.org

Yan-Mei Li
Tsinghua University
li-office@jorgchm.acs.org

Teck Peng Loh
Nanyang Technological University/Nanjing Tech University
loh-office@jorgchm.acs.org

Dawei Ma
Shanghai Institute of Organic Chemistry
madw-office@jorgchm.acs.org

Debabrata Maiti
Indian Institute of Technology Bombay
maiti-office@jorgchm.acs.org

Scott D. Rychnovsky
University of California, Irvine
rychnovsky-office@jorgchm.acs.org

Wolfram Sander
Ruhr-Universität Bochum
sander-office@jorgchm.acs.org

Olaf G. Wiest
University of Notre Dame
wiest-office@jorgchm.acs.org

COORDINATING EDITOR

Katie Turner
eic@jorgchm.acs.org

EDITORIAL ADVISORY BOARD

Anthony G. M. Barrett
Imperial College London

Carole A. Bewley
NIDDK, National Institutes of Health

Robert K. Boeckman
University of Rochester

Margaret Brimble
University of Auckland

Stephen L. Buchwald
Massachusetts Institute of Technology

Uwe H. F. Bunz
Ruprecht-Karls Universität Heidelberg

Cynthia J. Burrows
University of Utah

Sukbok Chang
Korea Advanced Institute of Science and Technology (KAIST)

André B. Charette
Université de Montréal

Scott E. Denmark
University of Illinois, Urbana-Champaign

Vy M. Dong
University of California, Irvine

Spencer Dreher
Merck

Ben L. Feringa
University of Groningen

Kendall N. Houk
University of California, Los Angeles

Paul Knochel
Ludwig Maximilians-Universität München

Anna K. Mapp
University of Michigan

Nazario Martín
Universidad Complutense de Madrid

Tadeusz F. Molinski
University of California, San Diego

Jeffrey S. Moore
University of Illinois, Urbana-Champaign

Santanu Mukherjee
Indian Institute of Science Bangalore

Kilian Muñiz
ICIQ

Per-Ola Norrby
AstraZeneca

Larry E. Overman
University of California, Irvine

Nicola L. B. Pohl
Indiana University

Jennifer A. Prescher
University of California, Irvine

John A. Ragan
Pfizer Global Research & Development

Nicole S. Sampson
SUNY Stony Brook

Franziska Schoenebeck
RWTH Aachen University

Scott Sieburth
Temple University

Matthew S. Sigman
University of Utah

Hanadi Sleiman
McGill University

Amos B. Smith, III
University of Pennsylvania

Mark Taylor
University of Toronto

Yong-Qiang Tu
Lanzhou University

Wilfred A. van der Donk
University of Illinois, Urbana-Champaign

Frank Würthner
University of Würzburg

Shigehiro Yamaguchi
Nagoya University

Qi-Lin Zhou
Nankai University