Founded on March 1988

Publication Date September 20, 2020

Indexed by SCI, PubMed, ELSEVIER, CA, WANFANG, CNKI, VIP, CSCD

Responsible Institution: National Health Commission of the People's Republic of China

Sponsor: Chinese Center for Disease Control and Prevention.

155 Changbai Road, Changping District, Beijing 102206, China

Editing: Editorial Board of Biomedical and Environmental Sciences

Address: Editorial Office of Biomedical and Environmental Sciences, Chinese Center for Disease Control and Prevention

155 Changbai Road, Changping District, Beijing 102206, China

Tel: 86-10-58900404, 58900455, 58900233

Full Text and Manuscript Submission: www.besjournal.com E-mail: bes@chinacdc.cn

Managing Editor: ZHANG Qun

Publishing: Editorial Office of BES, Chinese Center for Disease Control and Prevention

Printing: Beijing Kexin Printing Co., Ltd

Domestic and Overseas Distribution: Chinese Center for Disease Control and Prevention

Mail-Order: Editorial Office of Biomedical and Environmental Sciences

E-mail: besjournal@sina.com

Annual Subscription for Vol. 33, 2020: RMB: ¥ 1200; USD: \$560.00.

CSSN: ISSN 0895-3988 / CN 11-2816/Q

Copyright: © 2020 Published by China CDC. All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without the prior permission of BES. Authors are required to grant BES an exclusive license to publish.

Special Statement: All articles published in this journal represent the viewpoints of the authors except where indicated otherwise.

Instructions to Authors: Full instructions are available online at www.besjournal.com.

Copyright © 2020 by China CDC

ISSN 0895-3988



Biomed Environ Sci 2020, 33(9): 647-734

ISSN 0895-3988 CN 11-2816/Q

生物医学与环境科学

Vol.33, No.9, September 2020

Biomedical and Environmental Sciences









NHC of the PRC

