

# CHINESE JOURNAL OF REHABILITATION MEDICINE

(Published in Association with ISPRM)

2022, Vol. 37, No.9

## Responsible Institution:

China Association of Science and  
Technology

## Sponsor:

Chinese Association of Rehabilitation  
Medicine

## Editor in Chief:

LI Jian'an

## Deputy Chief Editor:

SUN Qiliang  
YUE Shouwei  
ZHOU Mouwang  
WU Yi  
YAN Tiebin  
Leonard S.W. LI

## Editor:

Editorial Board of Chinese Journal of  
Rehabilitation Medicine

## Address:

China-Japan Friendship Hospital,  
Beijing, China, 100029

## Telephone:

86-10-64218095

## Printer:

Beijing BOHS Colour Printing Co., Ltd.

## Overseas Distributer:

China International Book Trading  
Corporation  
(35 Chegongzhuang Xilu, Beijing 100044  
PRC) Code No.: M6437

## Publication Date:

Sep. 15, 2022

<http://www.rehabi.com.cn>

E-mail: [rehabi@263.net](mailto:rehabi@263.net)

## CSSN

ISSN 1001-1242

CN 11-2540/R

## CONTENTS IN BRIEF

- 1158 Effects of lipopolysaccharide on behavioral development and pathological mechanism of autism rats  
*WANG Yue, DUAN Boyang, YU Li, et al.*
- 1165 Effects of aerobic exercise on MG53/NF- $\kappa$ B signaling pathway in the myocardium of spontaneously hypertensive rats  
*LI Fengyi, ZHANG Yuchen, LU Guohui, et al.*
- 1174 Comparison of rehabilitation effects between direct anterior approach and posterolateral approach for primary total hip arthroplasty  
*ZHONG Shan, LV Ming, PEI Qian, et al.*
- 1180 Evaluation of the effect of early systematic rehabilitation on gait characteristics of patients undergoing total knee arthroplasty  
*WANG Wei, LIU Yancheng, WANG Liancheng, et al.*
- 1186 A comparison of the activation of scapular stabilizers, abdominal muscles, and lower back muscles between three common rowing exercises  
*WU Yuan, FAN Jing, LAI Xiaosong, et al.*
- 1192 Effects of transcranial direct current stimulation on visuo-motor exploration in patients with visuo-spatial neglect post stroke  
*JIANG Chunjing, DU Jubao, SHAN Guixiang, et al.*
- 1198 Comparison of the immediate effects of myofascial trigger point acupuncture treatment and stretching exercise on primary dysmenorrhea  
*CHEN Xingli, QIAO Yafen, SUN Mingyu, et al.*
- 1208 Usability of a virtual reality-assisted system for mental rotation in clinical rehabilitation  
*ZHU Xiaoyu, WANG Hewei, ZHU Ting'an, et al.*
- 1214 Effects of enhanced recovery after surgery in treatment for femoral intertrochanteric fracture in the elderly  
*YUAN Yuan, YU Bo, JIAO Jing, et al.*
- 1219 Design and research of the upper limb rehabilitation training and assisted living robot  
*JIAO Zongqi, MENG Qiaoling, SHAO Haicun, et al.*