

# CHINESE JOURNAL OF REHABILITATION MEDICINE

(Published in Association with ISPRM)

2020, Vol. 35, No.12

## Responsible Institution:

National Health Commission of the  
People's Republic of China

## 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:

(010)64218095

## Printer:

Beijing BOHS Colour Printing Co., Ltd.

## Distributor:

China International Book Trading  
Corporation  
(35 Chegongzhuang Xilu, Beijing 100044  
PRC) Code:6437M

## Publication Date:

Dec. 15, 2020

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

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

ISSN 1001-1242

CN 11-2540/R

**1409** Effects of paired associative stimulation on the expression of NogoA/ NgR/RhoA signaling regulation pathway in ischemic penumbra in rats with focal cerebral ischemia-reperfusion

*HU Yan, GUO Tiecheng, ZHANG Xiangyu, et al.*

**1416** Study of different exercises on oxidative stress in anterior tibial muscle of young and aged SAMP8 mice

*TIAN Peng, SHI Jiexuan, MA Jiao, et al.*

**1422** Influence of various cognitive tasks on gait speed and dual task costs in patients with mild cognitive impairment

*ZHU Yi, ZHONG Qian, MA Jinhui, et al.*

**1428** A comparative study of musculoskeletal ultrasound imaging guided injection of hyperosmotic glucose and glucocorticoid for the treatment of tennis elbow

*HE Juanjuan, MAI Yiyi, ZHONG Xiaojuan, et al.*

**1434** Classifying cough and throat clearing behaviors based on acoustic analysis and machine learning

*XU Wei, LYU Qianqian, JIANG Zhongli, et al.*

**1439** A clinical study on the treatment of piriformis syndrome with deep muscle stimulator

*JIANG Liming, ZHANG Zengqiao, YU Xiaoming, et al.*

**1444** Effects of extracorporeal shock wave in the treatment for knee osteoarthritis

*LI Mingzhen, ZHANG Yuanmingfei, LI Tao, et al.*

**1450** Effects of modified constraint-induced movement therapy of the lower extremities on walking ability and activities of daily living in stroke patients with hemiplegia

*WANG Weining, ZHU Yulian, LIANG Sijie, et al.*

**1455** Relationship between sacral changes characterized by diffusion tensor imaging and bladder contractility in cervical SCI persons

*ZHU Hongjun, DAI Hui, ZHANG Dawei, et al.*

**1460** Observation of therapeutic effect of Mulligan technique on chronic ankle instability

*GUO Jianye, MA Ming, SUN Wudong, et al.*