

# CHINESE JOURNAL OF REHABILITATION MEDICINE

(Published in Association with ISPRM)

2014, Vol. 29, No.1

---

- 3 A study on mechanism of anti-apoptotic effect of electroacupuncture in acute local cerebral ischemia-reperfusion rats

TAO Jing, CHEN Azhen, LAN Lan, et al.

- 9 Effects of different frequencies of vibration strains on differentiation potencies of RAW264.7 cells in vitro

CHEN Guoxian, CHEN Jianting, ZHENG Shuai, et al.

- 14 Effects of loaded swimming exercise on articular cartilage and exercise abilities in knee osteoarthritis model rats

YUAN Wangshu, CHEN Lixia, JIN Guang, et al.

- 20 Effects of acute treadmill exercise on oxidative stress and apoptosis regulating gene expressions in skeletal muscle

QIAN Shuaiwei, QI Zhengtang, DING Shuzhe

- 26 Effects of different orthoses on the gait in early stage medial compartment knee osteoarthritis

ZHANG Min, CHEN Bo, JIANG Lan, et al.

- 31 Effects of transcranial direct current stimulation over bilateral frontal gyrus on picture naming in aphasia

WANG Jie, WU Dongyu, SONG Weiqun, et al.

- 36 Reliability of isokinetic assessment for shoulder internal and external rotators in different positions

CONG Hui, ZHOU Mouwang, YANG Yanyan, et al.

- 42 Investigation of the correlation between home-based rehabilitation exercises and outcomes of patients undergone first lumbar fusion surgery: a cohort one-year study

GENG Xiaowei, SUN Chuiguo

- 47 The clinical effects of cervical spinal manipulation therapy treating cervical spondylopathy of nerve-root type on three different cervical spine positions

WU Liping, CHEN Yongyuan, HUANG Yuanqiao, et al.

- 51 Effects of upper cervical manipulation on the tenderness thresholds and maximizing mouth opening degree in temporomandibular joint disturbance patients

LIN You, ZOU Yucong, LI Yikai

- 55 A comparative study of range of motion of distal interphalangeal joint in different position and different age

ZHANG Anjing, LIU Yu, CHEN Gang, et al.

**Responsible Institution:**

Ministry of Health PRC

**Sponsor:**

Chinese Association of Rehabilitation Medicine

**Editor in Chief:**

ZHUO Dahong

**Deputy Chief Editor:**

LI Jian'an

WANG Maobin

SUN Qiliang

JI Shurong

Leonard S.W. LI

**Editor:**

Editorial Board of Chinese Journal of Rehabilitation Medicine

**Address:**

China-Japan Friendship Hospital,  
Beijing, China, 100029

**Telephone & Fax:**

(010)64218095

**Printer:**

Picture in Picture Co. Ltd.

**Distributor:**

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

**Publication Date:**

Jan. 15, 2014

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

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

ISSN 1001-1242