



美国 MEDLINE 来源期刊
中国科技论文统计源期刊
北京大学图书馆中文核心期刊
中国科学引文数据库来源期刊

ISSN 1008-8830
CN43-1301/R

中国当代儿科杂志[®]

Chinese Journal of Contemporary Pediatrics

ZHONGGUO DANGDAI ERKE ZAZHI

2017年5月 第19卷 第5期

Volume 19 Number 5 May 2017



www.cjcp.org

万方数据

微信公众平台

中国当代儿科杂志[®]

CHINESE JOURNAL OF CONTEMPORARY PEDIATRICS (Monthly)

月刊 1999年4月创刊 第19卷 第5期 2017年5月15日出版

主管

中华人民共和国教育部

主办

中南大学
中南大学湘雅医院

编辑

中国当代儿科杂志编辑委员会

出版

湖南省湘雅医学期刊社有限公司
湖南省长沙市湘雅路87号,410008
电话:0731-84327402
传真:0731-84327922
Email: ddek@vip.163.com
网址: www.cjcp.org

主编

杨于嘉

编辑部主任

尹飞

印刷

湖南农科院印刷厂

发行

国内:湖南省报刊发行局
国外:中国国际图书贸易总公司

订购

国内邮发代号:42-188
国际发行代号:3856(BM)

邮购

中国当代儿科杂志编辑部
湖南省长沙市湘雅路87号,410008
电话:0731-84327402
传真:0731-84327922
Email: ddek@vip.163.com

中国标准连续出版物号

ISSN 1008-8830
CN 43-1301/R

广告经营许可证

430100s029

定价

每期20元,全年240元(国内)

责任编辑 邓芳明

封面画 《一家子》,作者 Tony Yang
(10岁),加拿大

目次

癫痫及相关疾病专题

3例MECP2重复综合征

临床分析和文献复习 唐丹霞 李栋方 吴若豪 等 489

MECP2基因及MECP2相关疾病 彭镜 494

POLG基因新复合杂合突变致

Alpers-Huttenlocher综合征1例 ... 张艳凤 王江涛 高健博 等 498

线粒体病与癫痫 操德智 502

论著·临床研究

复方甘草酸苷片治疗儿童非

酒精性脂肪性肝病疗效观察 李毓雯 胡毓华 朱甜甜 等 505

合并过敏性鼻炎对儿童系统性

红斑狼疮病情及治疗的影响 周燕青 曹兰芳 郭茹茹 等 510

4例女性Prader-Willi综合征

患儿的内分泌代谢特点 吴莫龄 李娟 丁宇 等 514

肥胖对不同年龄段哮喘患儿

肺功能的影响 徐晓雯 黄英 王健 等 519

学龄期肥胖儿童心脏

自主神经功能分析 易兰芬 文红霞 黄小力 等 524

婴儿胆汁淤积性肝病在中国的

研究现状的可视化分析 廖琼 万朝敏 朱渝 等 529

2例X-连锁低血磷性佝偻病患者

PHEX基因新发突变的研究 冉情 熊丰 朱岷 等 534

新复合杂合突变致婴儿型低磷酸

酯酶症1例及其家系分析 李登峰 蓝丹 钟京梓 等 539

短潜伏期体感诱发电位在慢性炎性脱髓鞘性 多发性神经根神经病中的诊断作用	孙瑞迪 付斌 江军	545
儿童孤独症谱系障碍与癫痫共患病的研究	梅松丽 张昭 刘鑫 等	549
家庭养育环境对发育性语言障碍儿童语言发育和 社会情绪的影响	李国凯 刘桂华 钱沁芳 等	555
细菌性血流感染患儿发热程度与预后的关系	张涛 李玖军 刘春峰 等	560
流感病毒抗原消失时间探讨	陈浩峰 钟礼立 方亦兵 等	564
高危晚期早产儿脑病临床特点及磁共振影像学评估	朱燕 张可 胡兰 等	567
母乳及配方奶喂养对 NICU 早产儿的影响	李永伟 严超英 杨磊 等	572

论著·实验研究

黄芩苷对注意缺陷多动障碍大鼠突触体 ATP 酶和 LDH 的 影响及对 AC/cAMP/PKA 信号通路的调控作用	周荣易 王娇娇 尤月 等	576
肺炎链球菌内肽酶 O 及表面黏附素 A 联合蛋白疫苗免疫保护作用研究	张静 崔亚利 江咏梅	583
脂肪间充质干细胞及非甲基化胞嘧啶鸟嘌呤核苷酸对 食物过敏幼鼠外周血中 CD4 ⁺ CD25 ⁺ Treg 的影响	陈旭琳 郑成中	590

综述

儿童慢性肝病营养状况评估方法研究进展	童帅 朱渝 万朝敏	596
孕期甲基供体营养素与子代 DNA 甲基化关系的研究进展	吴蒙蒙 杨凡	601
新生儿无创高频振荡通气研究进展	黄佳 袁琳 陈超	607

消息

“第二届中德儿科高峰论坛暨新生儿临床疑难热点问题研讨会”会议通知		518
2017 年湘雅国际小儿神经高峰论坛暨全国儿童癫痫中心学术沙龙通知		528
《实用儿童脑病学》新书介绍		544
2017 年《中国当代儿科杂志》征稿征订启事		548
2017 年全国新生儿颅脑超声诊断学习班通知		559
举办“新生儿生命支持技术高峰论坛”通知		600

Responsible Institution

Ministry of Education
People's Republic of China

Sponsor

Central South University
Xiangya Hospital, Central South
University

Editing

Editorial Board of the Chinese
Journal of Contemporary Pediatrics

Editor-in-Chief

YANG Yu-Jia (杨于嘉)

Managing Director

YIN Fei (尹飞)

Publishing

Hunan Xiangya Medical Periodical
Press Co. Ltd.
87 Xiangya Road, Changsha, Hunan,
China 410008
Tel: 086-731-84327402
Fax: 086-731-84327922
Email: ddek@vip.163.com
Website: www.cjcp.org

Printing

Hunan Agricultural Scientific
Research Institution Printing Factory

Distributor

Domestic: Distribution Bureau of
Newspapers and Periodicals of Hunan
Province
Overseas: China International Book
Trading Corporation

Subscription

Order code: 42-188 (Domestic)
3856(BM)(Overseas)

Mail-Order

Editorial Office of the Chinese
Journal of Contemporary Pediatrics
87 Xiangya Road, Changsha,
Hunan, China 410008
Tel: 086-731-84327402
Fax: 086-731-84327922
Email: ddek@vip.163.com

Price

China ¥ 240/year

CSSN

ISSN 1008-8830
CN 43-1301/R

Executive Editor DENG Fang-Ming

Cover Picture

A family (by Tony Yang, 10 years old,
Canada)

CONTENTS

TOPIC OF EPILEPSY AND EPILEPSY-RELATED DISEASE

- 489 MECP2 duplication syndrome: a clinical analysis of three cases and literature review**
TANG Dan-Xia, LI Dong-Fang, WU Ruo-Hao, et al.
- 494 MECP2 gene and MECP2-related diseases**
PENG Jing
- 498 Alpers-Huttenlocher syndrome caused by a novel compound heterozygous mutation of POLG gene : a case report**
ZHANG Yan-Feng, WANG Jiang-Tao, GAO Jian-Bo, et al.
- 502 Mitochondrial diseases and epilepsy**
CAO De-Zhi

CLINICAL RESEARCH

- 505 Clinical efficacy of compound glycyrrhizin tablets in the treatment of children with nonalcoholic fatty liver disease**
LI Yu-Wen, HU Yu-Hua, ZHU Tian-Tian, et al.
- 510 Effect of allergic rhinitis on disease condition and treatment in patients with juvenile-onset systemic lupus erythematosus**
ZHOU Yan-Qing, CAO Lan-Fang, GUO Ru-Ru, et al.
- 514 Endocrine and metabolic features of female children with Prader-Willi syndrome: an analysis of 4 cases**
WU Mo-Ling, LI Juan, DING Yu, et al.
- 519 Effect of obesity on pulmonary function in asthmatic children of different age groups**
XU Xiao-Wen, HUANG Ying, WANG Jian, et al.
- 524 Cardiac autonomic nerve function in obese school-age children**
YI Lan-Fen, WEN Hong-Xia, HUANG Xiao-Li, et al.
- 529 Current status of research on infantile cholestatic liver disease in China: a visualization analysis**
LIAO Qiong, WAN Chao-Min, ZHU Yu, et al.
- 534 Novel PHEX gene mutations in patients with X-linked hypophosphatemic rickets: an analysis of 2 cases**
RAN Qing, XIONG Feng, ZHU Min, et al.

- 539 **Infantile hypophosphatasia caused by a novel compound heterozygous mutation: a case report and pedigree analysis**
LI Deng-Feng, LAN Dan, ZHONG Jing-Zi, et al.
- 545 **Role of short-latency somatosensory evoked potential in the diagnosis of chronic inflammatory demyelinating polyneuropathy**
SUN Rui-Di, FU Bing, JIANG Jun
- 549 **Association between autism spectrum disorder and epilepsy in children**
MEI Song-Li, ZHANG Zhao, LIU Xin, et al.
- 555 **Influence of home nurture environment on language development and social emotion in children with developmental language disorder**
LI Guo-Kai, LIU Gui-Hua, QIAN Qin-Fang, et al.
- 560 **Relationship between fever degree and prognosis in children with bacterial bloodstream infection**
ZHANG Tao, LI Jiu-Jun, LIU Chun-Feng, et al.
- 564 **A preliminary study on the disappearance time of influenza virus antigen**
CHEN Hao-Feng, ZHANG Li-Li, FANG Yi-Bing, et al.
- 567 **Clinical features and magnetic resonance imaging evaluation of encephalopathy in high-risk late preterm infants**
ZHU Yan, ZHANG Ke, HU Lan, et al.
- 572 **Effect of breastfeeding versus formula milk feeding on preterm infants in the neonatal intensive care unit**
LI Yong-Wei, YAN Chao-Ying, YANG Lei, et al.

EXPERIMENTAL RESEARCH

- 576 **Effect of baicalin on ATPase and LDH and its regulatory effect on the AC/cAMP/PKA signaling pathway in rats with attention deficit hyperactivity disorder**
ZHOU Rong-Yi, WANG Jiao-Jiao, YOU Yue, et al.
- 583 **Immunoprotective effect of combined pneumococcal endopeptidase O and pneumococcal surface adhesin A vaccines against *Streptococcus pneumoniae* infection**
ZHANG Jing, CUI Ya-Li, JIANG Yong-Mei
- 590 **Effects of adipose-derived stem cells and non-methylated CpG-oligodeoxynucleotides on peripheral blood CD4⁺CD25⁺ regulatory T cells in young mice with food allergy**
CHEN Xu-Lin, ZHENG Cheng-Zhong

REVIEW

- 596 **Research advances in nutritional assessment methods in children with chronic liver diseases**
TONG Shuai, ZHU Yu, WAN Chao-Min
- 601 **Research advances in the association between maternal intake of methyl donor nutrients during pregnancy and DNA methylation in offspring**
WU Meng-Meng, YANG Fan
- 607 **Research advances in noninvasive high-frequency oscillatory ventilation in neonates**
HUANG Jia, YUAN Lin, CHEN Chao