

# 口腔医学

## KOUQIANG YIXUE

月刊 1981年9月创刊 第37卷第5期(总第235期) 2017年5月28日出版

[期刊基本参数] CN 32-1255/R \* 1981 \* m \* A4 \* 96 \* zh \* P \* ¥ 12.00 \* 2000 \* 22 \* 2017-05

**主管**  
南京医科大学

**主办**  
南京医科大学口腔医学院

**联办(以首字笔画为序)**  
山东大学口腔医学院  
同济大学口腔医学院  
江苏省常州市口腔医院  
浙江大学医学院口腔医院  
浙江省口腔医学会

**编辑**  
《口腔医学》编辑委员会

**编辑部**  
地址:江苏省南京市汉中路136号  
邮编:210029  
电话/传真:(025)86658322  
电子邮件:kqyx@njmu.edu.cn  
网址:www.stomatology.cn

**名誉主编**  
杨丕山

**主编**  
王林

**副主编**  
王佐林 王慧明 徐欣

**编辑部主任**  
吴凤鸣

**本期责任编辑**  
徐晶

**出版**  
《口腔医学》杂志编辑部

**印刷**  
南京玉河印刷厂

**国内发行**  
江苏省报刊发行局

**海外总发行**  
中国国际图书贸易集团有限公司(北京399信箱)

代号 Q6686  
全国各地邮局  
邮发代号 28-78

**定价**  
每期12.00元 全年144.00元

**国际标准连续出版物号**  
ISSN 1003-9872

**国内统一连续出版物号**  
CN 32-1255/R

**准予广告发布登记通知书编号**  
广登 32000000060号

©2017年版权归《口腔医学》编辑部所有  
©《口腔医学》杂志发表的所有文章内容与观点,均  
属作者个人意见,不代表《口腔医学》杂志编辑部的  
观点。文责由作者负责,相关问题均由作者负责解  
释,与出版人**无关数据**

### 目次

#### 基础研究

- 乏氧对 IL-17 调控牙周膜细胞 RANKL 及 OPG 表达的影响 .....  
..... 茅飞飞,李璐,王振婷,王玉珍,徐艳(385)
- 新型低聚合收缩树脂材料的细胞毒性评价研究 .....  
..... 陈秀春,张志民,洪丽华,赵洪岩,任璇,武玉凤,李文月(390)
- 牙龈卟啉单胞菌脂多糖对人脐静脉内皮细胞 MMP-9 表达影响的研究 ...  
..... 刘岩,李维善,苏红影,邵伟然,王泽(394)
- 早期不同时间种植体骨界面改建的骨组织定量测定 .....  
..... 陈宋洁,缪舒舒,胡惠,倪凌晨,赵攀(398)
- EGCG 阻断 FZD3 和 MAPK10 基因表达调控颌骨牙源性角化囊性瘤转归  
.....  
..... 杨银辉,王耀钟,袁荣涛,贾暮云,林锡江(403)
- 碱热处理联合紫外光照后钛体外活性的研究 .....  
..... 韩石磊,赵颖,李大鹏,王羽泽,杜青,谢伟丽(408)
- Rap1b 对鼠前成骨细胞 Mc3T3-E1 成骨分化早期的影响 .....  
..... 施歌,马俊青,赵超越,陈行素,朱零,陈文静(413)

#### 临床研究

- 二氧化锆根管桩用于前牙大面积缺损修复的临床研究 .....  
..... 庞希瑶,周洲,许涛,景双林,吴锦涛,金琳,于金华(418)
- 非综合征型单纯腭裂的危险因素分析 .....  
..... 马兰,江宏兵,王林,潘永初(422)
- 细针吸取细胞学检查对腮腺肿物的诊断价值 .....  
..... 苏莎,高润涛,耿雪霏,马华瑞(426)
- 上颌磨牙炎症期拔牙后种植病例的 CBCT 影像分析 .....  
..... 刘亚昆,何东宁,王虎,刘莉,张斌斌(430)

水平“V”形截骨内推术矫正颧骨过突的适应证及疗效 .....	徐英琳,唐旷昀,章臻,李翔,徐誉纯,李继华(435)
Advansync 功能矫治器在多颌位下前导下颌的有限元分析 .....	刘雁,刘海霞,王婧,王为(439)
CBCT 在评价慢性牙周炎牙周基础治疗前后牙槽骨变化的应用研究 .....	王晖,蒋勇(444)

## 综 述

缺氧环境下 LPS 诱导人牙周膜成纤维细胞炎性损伤的研究进展 .....	俞文伟,徐艳,李璐(449)
纳米羟基磷灰石在骨重建中的效应和机理 .....	周凯,黄菲,张娟,王琛(453)
加快正畸牙移动的研究进展 .....	陈宇彤,张卫兵,严斌,潘永初(457)
口腔鳞状细胞癌现状 .....	陈新,徐文华,周健,王银龙(462)
上下颌前牙静态及动态显露量 .....	王晓侃,傅柏平(466)
微型种植体支抗在内收压低前牙中的应用 .....	陈行素,周昕,朱零,施歌,陈文静(470)
PAOO 技术辅助牙移动的临床应用进展 .....	周昕,陈行素,耿忠楷,陈文静(474)
口腔功能矫治器对阻塞性睡眠呼吸暂停低通气综合征患者的上呼吸道影响 .....	耿忠楷,侯伟,周昕,朱零,庄师懿,陈文静(477)

## 消 息

参考文献新标准——你知道吗? .....	(412)
《口腔医学》杂志开通官方公共微信服务号 .....	(473)

# STOMATOLOGY

Monthly

Established in September 1981

Vol.37 No.5 (Serial No.235)

May. 28, 2017

## Responsible Institution

Nanjing Medical University

## Sponsor

School of Stomatology, Nanjing Medical University

## Co-Sponsor

School of Stomatology, Shandong University  
School of Stomatology, Tongji University  
Changzhou Stomatology Hospital  
Stomatology Hospital, School of Medicine, Zhejiang University  
Zhejiang Stomatological Association

## Editor

Editorial Board of Stomatology

## Editorial Department

No.136, Hanzhong Road,  
Nanjing 210029, China  
Tel/Fax: +86-25-86658322  
E-mail: kqyx@njmu.edu.cn  
Website: www.stomatology.cn

## Honorary Editor-in-Chief

YANG Pishan

## Editor-in-Chief

WANG Lin

## Associate Editor-in-Chief

WANG Zuolin  
WANG Huiming  
XU Xin

## Editorial Director

WU Fengming

## Executive Editor

XU Jing

## Publisher

Editorial Department of Stomatology

## Typesetting and Printing

Printing House of YUHE

## Overseas Distributor

China International Book Trading Corporation (P.O. Box 399, Beijing, China)  
Code No.: Q6686

## Subscription

Yearly Subscription 144.00 RMB  
Single Issue 12.00 RMB

## CSSN

ISSN 1003-9872  
CN 32-1255/R

## Advertisement Licence

32000000060

## Copyright

© 2017 by the Editorial Department of Stomatology  
万方数据

## CONTENTS

### Basic Research

Effect of IL-17 on modulating the expression of RANKL and OPG in periodontal ligament cells under hypoxia .....

..... MAO Feifei, LI Lu, WANG Zhenting, WANG Yuzhen, XU Yan (385)

*In vitro* studies on the cytotoxicity of a new type of low polymerization shrinkage resin material .....

..... CHEN Xiuchun, ZHANG Zhimin, HONG Lihua, ZHAO Hongyan, REN Xuan, WU Yufeng, LI Wenyue (390)

Studies on the influence of *P.g*-LPS on the expression of MMP-9 in HUVEC .....

..... LIU Yan, LI Weishan, SU Hongying, SHAO Weiran, WANG Ze (394)

Histomorphometry of implant-bone interface remodeling around dental implants during early phases of bone healing .....

..... CHEN Songjie, MIAO Shushu, HU Hui, NI Lingchen, ZHAO Hui (398)

The role of blocking of FZD3 and MAPK10 with EGCG in the treatment of jaw keratocystic odontogenic tumor .....

..... YANG Yinhui, WANG Yaozhong, YUAN Rongtao, JIA Muyun, LIN Xijiang (403)

Effect of alkali-and-heat treatment combined with ultraviolet irradiation on bioactivity of titanium *in vitro* .....

..... HAN Shilei, ZHAO Ying, LI Dapeng, WANG Yuze, DU Qing, XIE Weili (408)

Effect of Rap1b on early osteogenic differentiation of mouse preosteoblasts (Mc3T3-E1) .....

..... SHI Ge, MA Junqing, ZHAO Chaoyue, CHEN Xingsu, ZHU ling, CHEN Wenjing (413)

### Clinical Research

Clinical research of the application of zirconia ceramic post in the restoration of anterior teeth with large defects .....

..... PANG Xiyao, ZHOU Zhou, XU Tao, JING Shuanglin, WU Jintao, JIN Lin, YU Jinhua (418)

Analysis of risk factor exposure in non-syndromic cleft palate .....

..... MA Lan, JIANG Hongbing, WANG Lin, PAN Yongchu (422)

Value of fine-needle aspiration cytology of parotid masses .....

..... SU Sha, GAO Runtao, GENG Xuefei, MA Huarui (426)

CBCT image analysis of dental implant with inflammation of maxillary molar .....  
..... *LIU Yakun, HE Dongning, WANG Hu, LIU Li, ZHANG Binbin*(430)

Horizontal V-shaped osteotomy for correction of protrusion of the zygoma and the zygomatic arch; indication and efficacy .....  
..... *XU Yinglin, TANG Kuangyun, ZHANG Zhen, LI Xiang, XU Yuchun, LI Jihua*(435)

Three-dimensional finite element analysis of Advansync functional appliance used in advancing mandible in the condition of three different jaw positions .....  
..... *LIU Yan, LIU Haixia, WANG Jing, WANG Wei*(439)

Application of CBCT in evaluation of alveolar bone changes before and after periodontal therapy in chronic periodontitis .....  
..... *WANG Hui, JIANG Yong*(444)

## Summary

Research progress of inflammatory injury in human periodontal ligament cells induced by LPS under hypoxia .....  
..... *YU Wenwei, XU Yan, LI Lu*(449)

Effect and mechanism of nano-hydroxyapatite on bone regeneration .....  
..... *ZHOU Kai, HUANG Fei, ZHANG Juan, WANG Chen*(453)

Research progress of the acceleration of orthodontic tooth movement .....  
..... *CHEN Yutong, ZHANG Weibing, YAN Bin, PAN Yongchu*(457)

Current situation of oral squamous cell carcinoma .....  
..... *CHEN Xin, XU Wenhua, ZHOU Jian, WAHG Yinlong*(462)

The amount of maxillary and mandibular anterior tooth display at rest and during smile .....  
..... *WANG Xiaokan, FU Baiping*(466)

Review on retraction and intrusion of anterior teeth with micro-implant anchorage .....  
..... *CHEN Xingsu, ZHOU Xin, ZHU Ling, SHI Ge, CHEN Wenjing*(470)

Clinical application of PAOO technique assisted tooth movement .....  
..... *ZHOU Xin, CHEN Xingsu, GENG Zhongkai, CHEN Wenjing*(474)

Influence of oral appliance on OSAHS patients' upper respiratory tract .....  
..... *GENG Zhongkai, HOU Wei, ZHOU Xin, ZHU Ling, ZHUANG Shiyi, CHEN Wenjing*(477)

## News

..... (412)(473)