

二〇二一年二月

第二十二卷第一期第1~112页

上海口腔医学

Shanghai Journal of Stomatology

Vol.32 No.1 PP1-112 February 2023

- MEDLINE/PubMed/Index Medicus 收录期刊
- Scopus 收录期刊
- 《化学文摘》(CA)收录期刊
- EBSCO 数据库收录期刊
- 中文核心期刊
- 中国科技核心期刊
- 中国科技论文统计源期刊

ISSN 1006-7248
CN 31-1705/R
CODEN SKYHA3

上海口腔医学

SHANGHAI KOUQIANG YIXUE

VOLUME 32 NUMBER 1 PAGES 1-112
FEBRUARY 2023



ISSN 1006-7248



9 771006 724238



第1期

第32卷 2023年2月

上海交通大学口腔医学院
<https://www.shsmu.edu.cn/kqxy/index.htm>



[期刊基本参数]CN 31-1705/R * 1992 * b * A4 * 112 * zh+en * P * ¥20.00 * 2000 * 21 * 2023-02

主 管	
上海交通大学	
200240 上海市东川路 800 号	
主 办	
上海交通大学医学院附属第九人民医院	
200011 上海市制造局路 639 号	
编 辑	
《上海口腔医学》编辑委员会	
编 辑 部	
地址 上海市制造局路 639 号	
邮编 200011	
电话 021-63121780	
021-53315271	
传真 021-63121780	
电子邮件 shhkqyx@163.com	
网址 http://www.sjos.cn	
新浪微博 http://weibo.com/2165986982	
名 誉 主 编	
邱蔚六 院士	
主 编	
张志愿 院士	
执行主编	
郑家伟	
副 主 编	
房 兵 刘月华 王佐林	
杨 驰 张富强 周曾同	
责 任 编辑	
徐 菱	
E-mail:1003171781@qq.com	
出 版	
《上海口腔医学》编辑部	
印 刷	
上海商务联西印刷有限公司	
刊 名 题 字	
钱绍武	
国 内 发 行	
中国邮政集团公司上海市分公司	
国 外 总 发 行	
中国国际图书贸易集团有限公司 (北京 399 信箱,100044)	
国外代号 BM6515	
订 购	
全国各地邮局	
邮发代号 4-561	
定 价	
每期 20.00 元 全年 120.00 元	
中 国 标 准 连 续 出 版 物 号	
ISSN 1006-7248	
CN 31-1705/R	
CODEN SKYHA3	
© 2023 年版权归《上海口腔医学》	
编辑部所有	

目 次

论 著

- | | |
|--|------|
| 新型往复运动单支锉根管预备对牙本质微裂的影响 | (1) |
| 张斌, 贾明玉, 樊睿, 田剑刚, 葛学军, 黄瑞哲 | |
| 穿刺小标本改良石蜡块制作方法及评价 | (6) |
| 陈宛灵, 石超吉, 王敏, 顾挺, 田臻 | |
| 3 种调拌方法对藻酸盐印模材料气泡及凝固状态的影响 | (12) |
| 周亿岸, 肖松, 谢雪梅, 王宇华 | |
| miR-497-5p 在前成骨细胞 MC3T3-E1 分化和矿化中的作用及机制探讨 | (17) |
| 胡熹, 罗俊 | |
| 长链非编码 RNA AWPPH 通过调控 Notch 信号通路 | |
| 对人牙周膜细胞增殖和成骨向分化的影响 | (23) |
| 迪丽达尔·塔西甫拉提, 牛雅琪, 热依沙·阿布都克依木, 王玲 | |
| 3D 打印数字化定位导板在根管再治疗中的应用效果评价 | (28) |
| 田硕, 哈斯达来, 田拓, 潘文慧 | |
| 大鼠三叉神经病理性疼痛致病关键转录分子分析 | (33) |
| 刘玥曼, 柴盈, 魏文斌, 刘芷扬, 韩致祥, 陈敏洁 | |
| 上调 Decorin 对口腔鳞癌荷瘤裸鼠 EGFR、C-Myc、p21 表达的影响 | (40) |
| 郭梦瑶, 李凯玉, 聂敏海, 刘旭倩 | |
| 龈沟液中 sICAM-1、IL-1 β 和 HIF-1 α 水平与义齿种植修复 | |
| 并发种植体周围炎的关系 | (47) |
| 谢雪梅, 张佳园, 张野, 俞晓佳, 刘李明, 王健, 于德栋 | |
| 同期神经化髂骨瓣在下颌骨重建中保存下唇及颏部感觉的效果评价 | (52) |
| 史敬存, 吴梓谦, 张子涵, 肖孟, 张士剑, 章臻, 张冰清, 王磊 | |
| 基于下颌运动轨迹数据指导的数字化全冠咬合面精度评价 | (58) |
| 徐欣蕊, 余润平, 袁芸, 张洪铭, 黄慧 | |
| 母亲患龋风险对儿童龋易感性的影响 | (63) |
| 周琼, 刘敏, 王霄, 陈薇 | |
| 种植义齿生物学并发症危险因素的回顾性分析 | (69) |
| 徐晓乾, 李镭 | |
| Er:YAG 激光与涡轮手机去骨拔除下颌低位水平阻生智牙的效果比较 | (75) |
| 张英豪, 赵宁, 赵爱杰, 朱超 | |
| CD44 与 CD33 在 77 例口腔黏膜良性淋巴组织增生病中的表达及临床意义 | (80) |
| 王训霞, 姜国萍, 张勇哲, 李爱群, 王瑞春 | |

LncRNA RUNX1-IT1 对恶性多形性腺瘤 miR-195/CyclinD1 的调控作用探讨	(85)
魏军水,孙鑫,徐金标,陈逸达	
骨性Ⅲ类下颌偏斜患者颞下颌关节形态位置及上颌骨特征的三维评估	(91)
唐汝萍,刘帅,赵震锦,汪俊妍	
氧化亚氮/氧吸入舒适化技术在老年高血压患者心电监护拔牙中的应用	(97)
邵云,崔啟春,何欢,程庆涛,任嘉玮,李晶,朱微燕,姜慕雅,刘嘉靓	
植骨与否对上颌窦底内提升同期种植术临床疗效的影响	(101)
胡宁,李凤丹,江银华	
虚拟手术结合导板辅助 7 例髁突颈部骨折复位固定的效果评价	(105)
应凯,王亮,朱永武,李倩倩,毛斌	
DC/TMD 推荐心理量表在颞下颌关节紊乱病诊疗中的应用	(109)
唐军,郁春华,程蕙娟,钱海馨,蔡翠萍,聂溶冰	

信 息

向 2022 年度审稿专家致谢(5);《口腔医学解剖图谱》出版发行(11);《上海口腔医学》刊务委员会名单(16);本刊对文稿附图的要求(32);本刊对医学论文中有关实验动物描述的要求(39);本刊对论文中使用缩略语的要求(46);关于出示论文基金资助证明的说明(57);本刊关于提供医学伦理学证明批件的要求(79);《上海口腔医学》征订启事(84);《中国口腔颌面外科杂志》征订启事(100);《Frontiers of Oral and Maxillofacial Medicine, FOMM》简介(108)

《上海口腔医学》杂志是以口腔医学专业为主的全国性综合学术期刊,所发表之图文,版权(含翻译权)均归《上海口腔医学》编辑部(出版人)所有。未经出版人书面许可,不得对本刊内容进行任何目的和形式的转载、转播及复制,包括转换成用于资料信息处理设施的机械、电子语言。

本刊实行通信作者负责制,每篇论文均由 2~3 位同行评委(peer reviewer)独立审稿。发表的图文中所表达的任何内容与观点,均属作者个人的见解与意见,并不反映和代表《上海口腔医学》编辑部的立场和观点。有关所发表文章的任何问题,均由作者负责解释,出版人不承担任何与之相关的责任。

本刊为《美国化学文摘》(CA)收录期刊,Index Medicus 和 MEDLINE、EBSCO、Scopus 收录期刊,中国科技论文统计源期刊,中国科技核心期刊。

本杂志采用无酸纸(acid-free paper)印刷。

本刊荣获 2012 年华东地区优秀期刊,首届《中国学术期刊(光盘版)检索与评价数据规范》优秀奖。



Shanghai Journal of Stomatology

Published Bimonthly Founded on September 15, 1992 VOLUME 32 NUMBER 1 PAGES 1-112, February 2023

[Journal Basic Parameters]CN 31-1705/R*1992*b*A4*112*zh+en*P*¥20.00*2000*21*2023-02

ORGANIZATION IN CHARGE

Shanghai Jiao Tong University
No. 800 Dongchuan Rd.,
Shanghai 200240, China

SPONSOR

Shanghai Ninth People's Hospital,
Shanghai Jiao Tong University
School of Medicine
No. 639 Zhi Zao Ju Rd.,
Shanghai 200011, China

EDITOR

Editorial Board of
Shanghai Journal of Stomatology

EDITORIAL DEPARTMENT

No. 639 Zhi Zao Ju Rd.,
Shanghai 200011, China
Tel: 86-021-63121780
86-021-53315271
Fax: 86-021-63121780
E-mail: shhkqyx@163.com
Web Site: <http://www.sjos.cn>
Microblog at Sina:
<http://weibo.com/2165986982>

HONORARY EDITOR-IN-CHIEF

QIU Wei-liu (Member of CAE)

EDITOR-IN-CHIEF

ZHANG Zhi-yuan (Member of CAE)

EXECUTIVE EDITOR-IN-CHIEF

ZHENG Jia-wei
E-mail: davidzhengjw@hotmail.com

VICE EDITOR-IN-CHIEF

FANG Bing
LIU Yue-hua
WANG Zuo-lin
YANG Chi
ZHANG Fu-qiang
ZHOU Zeng-tong

EXECUTIVE EDITOR

XU Ling
E-mail: 1003171781@qq.com

PUBLISHER

Editorial Department of
Shanghai Journal of Stomatology

TYPESETTING AND PRINTING

Shanghai Lianxi Commercial Print Co., Ltd.

TITLE INSCRIPTION

QIAN Shao-wu

OVERSEAS DISTRIBUTOR

China International Book
Trading Company, P.O. Box 399,
100044 Beijing, China,
Code No. BM6515

CHINA STANDARD SERIES

NUMBERING

ISSN 1006-7248
CN 31-1705/R

CODEN SKYHA3

SUBSCRIPTIONS

Yearly Subscription Rates 120.00 RMB,
Single Issue 20.00 RMB

COPYRIGHT © 2023 by the Editorial Department of Shanghai Journal of Stomatology

CONTENTS

Original Articles

- Comparison of dentinal microcracks caused by new generation of single reciprocating files after root canal preparation (1)
ZHANG Bin, JIA Ming-yu, FAN Rui, TIAN Jian-gang, GE Xue-jun, HUANG Rui-zhe
- An improved paraffin embedding method for small core needle biopsy: technical introduction and evaluation (6)
CHEN Wan-ling, SHI Chao-ji, WANG Min, GU Ting, TIAN Zhen
- Effect of three mixing methods on air bubbles and solidification state of alginate impression materials (12)
ZHOU Yi-an, XIAO Song, XIE Xue-mei, WANG Yu-hua
- Role and mechanism of miR-497-5p in the differentiation and mineralization of pre-osteoblast MC3T3-E1 (17)
HU Xi, LUO Jun
- Effect of lncRNA AWPPH on human periodontal ligament cell proliferation and osteogenic differentiation by regulating Notch signaling pathway (23)
Dilidaer·Taxifulai, NIU Ya-qi, Reyisha·Abudukeyimu, WANG Lin
- Evaluation on application of 3D printing digital positioning guide in root canal retreatment (28)
TIAN Shuo, HASDA Lai, TIAN Tuo, PAN Wen-hui
- Analysis of potential pathogenic factors of trigeminal neuralgia in rats (33)
LIU Yue-min, CHAI Ying, WEI Wen-bin, LIU Zhi-yang, HAN Zi-xiang, CHEN Min-jie
- Effect of up-regulation of Decorin on expression of EGFR, C-Myc and p21 in nude mice with oral squamous cell carcinoma (40)
GUO Meng-yao, LI Kai-yu, NIE Min-hai, LIU Xu-qian
- Relationship between sICAM-1, IL-1 β and HIF-1 α levels in gingival sulcus fluid and peri-implantitis in patients with implant restoration (47)
XIE Xue-mei, ZHANG Jia-yuan, ZHANG Ye, YU Xiao-jia, LIU Li-ming, WANG Jian, YU De-dong
- Evaluation of the effect of simultaneous neuralized iliac bone flap on the preservation of lower lip and chin sensation during mandibular reconstruction (52)
SHI Jing-cun, WU Zi-qian, ZHANG Yu-han, XIAO Meng, ZHANG Shi-jian, ZHANG Zhen, ZHANG Bing-qing, WANG Lei
- Assessment of the reproducibility of occlusal morphology for digital full crown designed by mandibular trajectory data (58)
XU Xin-rui, YU Run-ping, YUAN Yun, ZHANG Hong-ming, HUANG Hui

Impact of maternal caries risk on children's caries susceptibility	(63)
<i>ZHOU Qiong, LIU Min, WANG Xiao, CHEN Wei</i>	
A retrospective cohort study of risk factors for prevalence of implant biological complications	(69)
<i>XU Xiao-qian, LI Lei</i>	
Comparative study on extraction of impacted mandibular wisdom teeth by Er:YAG laser and turbine handpiece	(75)
<i>ZHANG Ying-hao, ZHAO Ning, ZHAO Ai-jie, ZHU Chao</i>	
Expression level and clinical significance of CD44 and CD33 in 77 patients with benign lymphadenosis of oral mucosa	(80)
<i>WANG Xun-xia, JIANG Guo-ping, ZHANG Yong-zhe, LI Ai-qun, WANG Rui-chun</i>	
LncRNA RUNX1-IT1 regulating malignant pleomorphic adenoma via mir-195/CyclinD1	(85)
<i>WEI Jun-shui, SUN Xin, XU Jin-biao, CHEN Yi-da</i>	
Three-dimensional assessment and study on temporomandibular joint and the maxillary characteristics of skeletal Class III mandibular deviation patients	(91)
<i>TANG Ru-ping, LIU Shuai, ZHAO Zhen-jin, WANG Jun-yan</i>	
Application of nitrous oxide/oxygen inhalation comfort technique during tooth extraction of elderly hypertensive patients under electrocardiographic monitoring	(97)
<i>SHAO Yun, CUI Qi-chun, HE Huan, CHENG Qing-tao, Ren Jia-wei, LI Jing, ZHU Wei-yan, JIANG Mu-ya, LIU Jia-liang</i>	
Clinical effect of simultaneous implantation and maxillary sinus floor elevation with or without bone graft	(101)
<i>HU Ning, LI Feng-dan, JIANG Yin-hua</i>	
Clinical application of virtual surgery combined with guide plate in reduction and fixation of condylar neck fracture in 7 patients	(105)
<i>YING Kai, WANG Liang, ZHU Yong-wu, LI Qian-qian, MAO Bin</i>	
Application of psychological scales recommended by DC/TMD in patients with temporomandibular joint disorders	(109)
<i>TANG Jun, YU Chun-hua, CHENG Hui-juan, QIAN Hai-xin, CAI Cui-ping, NIE Rong-bing</i>	

News and Announcements

(5)(11)(16)(32)(39)(46)(57)(79)(84)(100)(108)

Shanghai Journal of Stomatology (ISSN 1006-7248), a peer reviewed national journal of stomatology, is designed to present the latest basic and clinical research findings of Oral Surgery, Oral Medicine, Oral Radiology, Orthodontics and Prosthetics, etc in China. It is published bimonthly by Editorial Board of Shanghai Journal of Stomatology. Copyright © 2023 by Editorial Department of Shanghai Journal of Stomatology. All rights reserved. No contents are allowed to be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without the written permission from the publisher.

The information presented in the papers and the opinions expressed therein are those of the individual authors and not necessarily reflect the views of the Editorial Board of Shanghai Journal of Stomatology. The publisher assumes no liability for any materials published in the journal. All statements are the responsibilities of the authors.

This journal is indexed by Chemical Abstracts (CA), Index Medicus and MEDLINE, EBSCO Medline, Scopus, SWIC AND CMCC, Chinese Key Scientific and Technologic Journals and Chinese Academic Journals-CD(CAJ-CD).

This Journal is printed on acid-free paper.