

ISSN 1674-7593
CN 22-1399/R
CODEN GLYZAY

国际老年医学杂志[®]

GUOJI LAONIAN YIXUE ZAZHI

原刊名:国外医学·老年医学分册

International Journal of Geriatrics[®]

Volume 42 Number 5
September 2021

中国科技核心期刊
中国核心期刊遴选数据库收录期刊
中国学术期刊网络出版总库收录期刊
中国学术期刊综合评价数据库来源期刊
国家科技学术期刊开放平台收录期刊
维普网全文收录期刊

2021年9月 第42卷 第5期

ISSN 1674-7593



吉林大学

JILIN UNIVERSITY

国际老年医学杂志[®]

International Journal of Geriatrics



双月刊 公开发行 1980 年创刊 第 42 卷 第 5 期 2021 年 9 月 20 日出版

主管单位

中华人民共和国教育部

主办单位

吉林大学

地址:130021,长春市朝阳区新民大街 126 号

编辑出版者

国际老年医学杂志编辑部

地址:130021,长春市朝阳区新民大街 126 号

电话:0086-431-85619282

电子邮箱:jnyx@jlu.edu.cn

主 编

孙连坤

副主编

杨 文

印刷者

吉林省保隆冠彩印刷有限公司

发行者

国内:中国邮政集团公司吉林省

报刊发行分公司

地址:130021,长春市解放大路 3088 号

国外:中国国际图书贸易集团有

限公司

地址:100044,北京市车公庄西路 35 号

订购处

国内:全国各地

邮政局

邮发代号

12-29

国外:中国国际图书贸易集团有

限公司

发行代号 BM6700



邮购处

国际老年医学杂志编辑部

地址:130021,长春市朝阳区新民大街 126 号

电话:0086-431-85619282

电子邮箱:jnyx@jlu.edu.cn

定价

每期 10.00 元,全年 60.00 元

中国标准刊号

ISSN 1674-7593

CN 22-1399/R

广告经营许可证号

2200004000024

版权所有

© 2021 国际老年医学杂志编辑部

除非特别声明,本刊刊出的所有文章不代表
吉林大学和本刊编委会的观点。

作者文责自负,本刊不负连带责任。

凡向本刊投稿者,均视为已认同并遵守本刊
《稿约》,所投稿件全体著作权人同意将该稿件
著作权及其相关权利在世界范围内全部转让给本
刊,所有相关费用和报酬本刊已一次性付清。

目 次

原 著

小剂量替格瑞洛在老年急性冠脉综合征冠脉介入治疗术后的有效

性及安全性研究 刘大一 潘震华 李 颖 王智昊(257)

心房颤动患者同型半胱氨酸、胱抑素 C 与颈动脉粥样硬化、左心房

内径的相关性研究 张兵兵 李结华(261)

急性 ST 段抬高型心肌梗死患者进门-球囊扩张时间影响因素分析

..... 安莹波

马银皎 田艳丽 葛杰峰 冯 霞 张新颜 宋俊贤 吴红金 陈 红(264)

老年病科住院患者衰弱发病情况及危险因素分析

..... 田 鹏 孙春丽 彭朝明 王丽平(268)

积极心理学理论指导下的康复策略对老年抑郁症患者自我概念和

生活质量的影响 邵 灿 马现仓(272)

高压氧联合有氧运动治疗老年轻度血管性痴呆的疗效观察

..... 蒋芳况 王 杨 王 丽 王苗苗 许 浪(275)

中老年小细胞肺癌患者预后影响因素的分析

..... 张彦东 孙红莹 李 洋(279)

康艾注射液联合含铂化疗药物治疗老年晚期非小细胞肺癌的临床

研究 张世才 王熠欣 康维娜(284)

老年人代谢综合征与幽门螺杆菌感染的相关性研究

..... 杨 波 田雅军 郑 飞(287)

阿仑膦酸钠联合辛伐他汀治疗 2 型糖尿病合并骨质疏松的临床效

果 翟晨辉 李 敏 路 遥(290)

3D 打印技术辅助微创全膝置换术治疗老年退行性关节炎的临床观察
..... 冯大军 杜桂夏 王金龙 马玲珑 武星星 叶金标(293)
经皮椎间孔镜技术治疗老年极外侧型椎间盘突出症的临床观察 徐新宝 吕书军 李立东(297)

综 述

磁共振弥散加权成像不同模型预测卵巢癌 Ki-67 表达的研究进展 方梦佳 刘威武 杨 丹 黄 萨(301)
白细胞介素 18 在癌症中的研究进展 郭 磊 辛本凯 沈若琪 张纪周 肖业臣(305)
重复经颅磁刺激在阿尔茨海默症认知功能治疗中的应用进展 孙钰辉 王敬灵 江文宇(309)
老年神经根型颈椎病微创介入治疗技术研究进展 刘 睿 张 郡 于 同 刘钦毅(313)
老年人骨质疏松性踝关节骨折的手术治疗 韩广波 李皓桓 高 冯 刘 亭(319)

动 态

CRISPR-Cas9 基因编辑用于镰状细胞病和 β 地中海贫血的治疗 (318)

中文编辑 林 琳 刘 玲
英文编辑 王 琳

International Journal of Geriatrics®

GUOJI LAONIAN YIXUE ZAZHI

Bimonthly Established in 1980 Volume42 Number 5 September 20, 2021

Responsible Institution

Ministry of Education of the
People's Republic of China

Sponsor

Jilin University
Address: 126 Xinmin Street, Changchun
130021, China

Editing and Publishing

Editorial Office of
International Journal of Geriatrics
Address: 126 Xinmin Street, Changchun
130021, China
Tel: 0086-431-85619282
E-mail: lnyx@jlu.edu.cn

Editor-in-Chief

Sun Liankun

Deputy Editor-in-Chief

Yang Wen

Printing

Jilin Baolong Guancai Printing CO. Ltd

Overseas Distributor

China International Book
Trading Corporation
(Address: 35 Chegongzhuang Xilu,
Beijing 100044, China)
Code No. BM6700

Mail-Order

Editorial Office of
International Journal of Geriatrics
Address: 126 Xinmin Street, Changchun
130021, China
Tel: 0086-431-85619282
E-mail: lnyx@jlu.edu.cn

CSSN

ISSN 1674-7593
CN 22-1399/R

Copyright

© 2021 by the Editorial Office of
International Journal of Geriatrics

All articles published represent the opinions
of the authors, do not reflect the official
policy of Jilin University or the Editorial
Board, unless this is clearly specified.
All authors will be liable for the contents
of their manuscripts by themselves.
International Journal of Geriatrics will not
bear joint and several liability.

The contributors shall be regarded as the
persons who have accepted and complied
with the notice to contributor. All of the authors
who enjoy rights of authorship shall be
deemed as the persons who have showed
consent to transferring rights of authorship
and other relevant rights of the manuscripts
to International Journal of Geriatrics in the
world. The expenses and remuneration necessary
shall be paid together through International
Journal of Geriatrics.

CONTENTS

Original Articles

- Efficacy and Safety of Low-dose Ticagrelor in Older Patients with Acute Coronary Syndrome
after Percutaneous Coronary Intervention.....Liu Dayi, Pan Zhenhua, Li Ying, Wang Zhihao (257)
- Correlation of Homocysteine and Cystatin C with Carotid Atherosclerosis and Left Atrial
Diameter in Patients with Atrial Fibrillation.....Zhang Bingbing, Li Jiehua (261)
- Analysis of the Factors Associated with Door-to-balloon Time in Patients with Acute
ST-Segment Elevation Myocardial Infarction
.....An Yingbo, Ma Yinjiao, Tian Yanli, Ge Jiefeng, Feng Xia, Zhang Xinyan, Song Junxian, Wu Hongjin, Chen Hong (264)
- Prevalence and Risk Factors of Frailty in Inpatients in Geriatrics Department
.....Tian Peng, Sun Chunli, Peng Chaoming, Wang Liping (268)
- Effect of Rehabilitation Strategies Based on Positive Psychology on Self-concept and
Quality of Life in Depressive Patients.....Shao Can, Ma Xiancang (272)
- Hyperbaric Oxygen Combined with Aerobic Exercise for Mild Vascular Dementia in Older
Patients.....Jiang Fangkuang, Wang Yang, Wang Li, Wang Miaomiao, Xu Lang (275)
- Analysis of Influential Factors on Prognosis in Middle-aged and Older Patients with
Small Cell Lung Cancer.....Zhang Yandong, Sun Hongying, Li Yang (279)
- Kang Ai Injection Combined with Platinum-Containing Chemotherapy in the Treatment of
Advanced Non-Small Cell Lung Cancer in Older Patients
.....Zhang Shicai, Wang Yixin, Kang Weina (284)
- Correlation between Metabolic Syndrome and Helicobacter Pylori Infection in the Elderly
.....Yang Bo, Tian Yajun, Zheng Fei (287)
- Alendronate Sodium Combined with Simvastatin in the Treatment of Osteoporosis in
Patients with Type 2 Diabetes Mellitus.....Zhai Chenhui, Li Min, Lu Yao (290)
- Effect of Three-dimensional Printing Assisted Minimally Invasive Surgery-Total Knee
Arthroplasty on Knee Osteoarthritis in Older Patients
.....Feng Dajun, Du Guixia, Wang Jinlong, Ma Linglong, Wu Xingxing, Ye Jinbiao (293)
- Percutaneous Endoscopic Lumbar Discectomy in the Treatment of Older Patients with Far-
lateral Lumbar Disc Herniation.....Xu Xinhao, Lv Shujun, Li Lidong (297)

Reviews

- Research Progress on the Prediction of Ki-67 Expression in Ovarian Cancer Using Different
Diffusion Models of Magnetic Resonance Imaging.....Fang Mengjia, Liu Weiwu, Yang Dan, Huang Sa (301)
- Research Progress of Interleukin-18 in Cancer
.....Guo Lei, Xin Benkai, Shen Ruqi, Zhang Jizhou, Xiao Yechen (305)
- Progress of Repetitive Transcranial Magnetic Stimulation on Cognitive Function in
Patients with Alzheimer's Disease.....Sun Yuyue, Wang Jingling, Jiang Wenyu (309)
- Research Progress of Minimally Invasive Therapy for Cervical Spondylotic Radiculopathy
in Older Patients.....Liu Rui, Zhang Jun, Yu Tong, Liu Qinyi (313)
- Management of Osteoporotic Ankle Fracture in Older Persons
.....Han Guangtao, Li Haohuan, Gao Feng, Liu Ting (319)

Trends

- CRISPR-Cas9 gene editing for sickle cell disease and β -thalassemia..... (318)

International Journal of Geriatrics®

GUOJI LAONIAN YIXUE ZAZHI

Bimonthly Established in 1980 Volume42 Number 5 September 20, 2021

Responsible Institution

Ministry of Education of the
People's Republic of China

Sponsor

Jilin University
Address: 126 Xinmin Street, Changchun
130021, China

Editing and Publishing

Editorial Office of
International Journal of Geriatrics
Address: 126 Xinmin Street, Changchun
130021, China
Tel: 0086-431-85619282
E-mail: lnyx@jlu.edu.cn

Editor-in-Chief

Sun Liankun

Deputy Editor-in-Chief

Yang Wen

Printing

Jilin Baolong Guancai Printing CO. Ltd

Overseas Distributor

China International Book
Trading Corporation
(Address: 35 Chegongzhuang Xilu,
Beijing 100044, China)
Code No. BM6700

Mail-Order

Editorial Office of
International Journal of Geriatrics
Address: 126 Xinmin Street, Changchun
130021, China
Tel: 0086-431-85619282
E-mail: lnyx@jlu.edu.cn

CSSN

ISSN 1674-7593
CN 22-1399/R

Copyright

© 2021 by the Editorial Office of
International Journal of Geriatrics

All articles published represent the opinions
of the authors, do not reflect the official
policy of Jilin University or the Editorial
Board, unless this is clearly specified.
All authors will be liable for the contents
of their manuscripts by themselves.
International Journal of Geriatrics will not
bear joint and several liability.

The contributors shall be regarded as the
persons who have accepted and complied
with the notice to contributor. All of the authors
who enjoy rights of authorship shall be
deemed as the persons who have showed
consent to transferring rights of authorship
and other relevant rights of the manuscripts
to International Journal of Geriatrics in the
world. The expenses and remuneration necessary
shall be paid together through International
Journal of Geriatrics.

CONTENTS

Original Articles

- Efficacy and Safety of Low-dose Ticagrelor in Older Patients with Acute Coronary Syndrome
after Percutaneous Coronary Intervention.....Liu Dayi, Pan Zhenhua, Li Ying, Wang Zhihao (257)
- Correlation of Homocysteine and Cystatin C with Carotid Atherosclerosis and Left Atrial
Diameter in Patients with Atrial Fibrillation.....Zhang Bingbing, Li Jiehua (261)
- Analysis of the Factors Associated with Door-to-balloon Time in Patients with Acute
ST-Segment Elevation Myocardial Infarction
.....An Yingbo, Ma Yinjiao, Tian Yanli, Ge Jiefeng, Feng Xia, Zhang Xinyan, Song Junxian, Wu Hongjin, Chen Hong (264)
- Prevalence and Risk Factors of Frailty in Inpatients in Geriatrics Department
.....Tian Peng, Sun Chunli, Peng Chaoming, Wang Liping (268)
- Effect of Rehabilitation Strategies Based on Positive Psychology on Self-concept and
Quality of Life in Depressive Patients.....Shao Can, Ma Xiancang (272)
- Hyperbaric Oxygen Combined with Aerobic Exercise for Mild Vascular Dementia in Older
Patients.....Jiang Fangkuang, Wang Yang, Wang Li, Wang Miaomiao, Xu Lang (275)
- Analysis of Influential Factors on Prognosis in Middle-aged and Older Patients with
Small Cell Lung Cancer.....Zhang Yandong, Sun Hongying, Li Yang (279)
- Kang Ai Injection Combined with Platinum-Containing Chemotherapy in the Treatment of
Advanced Non-Small Cell Lung Cancer in Older Patients
.....Zhang Shicai, Wang Yixin, Kang Weina (284)
- Correlation between Metabolic Syndrome and Helicobacter Pylori Infection in the Elderly
.....Yang Bo, Tian Yajun, Zheng Fei (287)
- Alendronate Sodium Combined with Simvastatin in the Treatment of Osteoporosis in
Patients with Type 2 Diabetes Mellitus.....Zhai Chenhui, Li Min, Lu Yao (290)
- Effect of Three-dimensional Printing Assisted Minimally Invasive Surgery-Total Knee
Arthroplasty on Knee Osteoarthritis in Older Patients
.....Feng Dajun, Du Guixia, Wang Jinlong, Ma Linglong, Wu Xingxing, Ye Jinbiao (293)
- Percutaneous Endoscopic Lumbar Discectomy in the Treatment of Older Patients with Far-
lateral Lumbar Disc Herniation.....Xu Xinhao, Lv Shujun, Li Lidong (297)

Reviews

- Research Progress on the Prediction of Ki-67 Expression in Ovarian Cancer Using Different
Diffusion Models of Magnetic Resonance Imaging.....Fang Mengjia, Liu Weiwu, Yang Dan, Huang Sa (301)
- Research Progress of Interleukin-18 in Cancer
.....Guo Lei, Xin Benkai, Shen Ruoji, Zhang Jizhou, Xiao Yechen (305)
- Progress of Repetitive Transcranial Magnetic Stimulation on Cognitive Function in
Patients with Alzheimer's Disease.....Sun Yuyue, Wang Jingling, Jiang Wenyu (309)
- Research Progress of Minimally Invasive Therapy for Cervical Spondylotic Radiculopathy
in Older Patients.....Liu Rui, Zhang Jun, Yu Tong, Liu Qinyi (313)
- Management of Osteoporotic Ankle Fracture in Older Persons
.....Han Guangtao, Li Haohuan, Gao Feng, Liu Ting (319)

Trends

- CRISPR-Cas9 gene editing for sickle cell disease and β -thalassemia..... (318)