



ISSN 1673-1581



Journal of Zhejiang University – SCIENCE B Biomedicine & Biotechnology

Year 2017
Volume 18
Issue 6

浙江大学学报（英文版）B辑
生物医学与生物技术

Editors-in-Chief:
Shu-min Duan
De-nian Ba

Impact factor:
1.303 (2015)

万方数据

Zhejiang
University
Press

 Springer



J Zhejiang Univ-Sci B
(Biomed & Biotechnol)

Administrated by
Ministry of Education, China

Sponsored by
Zhejiang University

Published by
Zhejiang University Press

Edited by
Editorial Office of *Journal of*
Zhejiang University-SCIENCE &
FITEE

Printed by
Hangzhou Shengyuan Printing
Services Co., Ltd.

Publication Date
1st Week per Month

ISSN 1673-1581
CN 33-1356/Q

Vol. 18, No. 6, p. 453-554 | June, 2017

CONTENTS

Articles

- 453 Evaluation of potential anti-toxoplasmosis efficiency of combined traditional herbs in a mouse model
Xun-hui ZHUO, Hong-chao SUN, Bin HUANG, Hai-jie YU, Ying SHAN, Ai-fang DU
- 462 Menaquinone-7 production from maize meal hydrolysate by *Bacillus* isolates with diphenylamine and analogue resistance
Jian-zhong XU, Wei-guo ZHANG
- 474 Copper-modified palygorskite is effective in preventing and treating diarrhea caused by *Salmonella typhimurium*
Da-wei YAO, Ze-zhong YU, Na LI, Yu-nong HOU, Jia-rong XU, De-ji YANG
- 481 Punicalagin protects bovine endometrial epithelial cells against lipopolysaccharide-induced inflammatory injury
An LYU, Jia-jia CHEN, Hui-chuan WANG, Xiao-hong YU, Zhi-cong ZHANG, Ping GONG, Lin-shu JIANG, Feng-hua LIU
- 492 CIDE gene expression in adipose tissue, liver, and skeletal muscle from obese and lean pigs
Yue-qin QIU, Xue-fen YANG, Xian-yong MA, Yun-xia XIONG, Zhi-mei TIAN, Qiu-li FAN, Li WANG, Zong-yong JIANG
- 501 Effect of *Helichrysum plicatum* DC. subsp. *plicatum* ethanol extract on gentamicin-induced nephrotoxicity in rats
Betul APAYDIN YILDIRIM, Saban KORDALI, Kubra Asena TERIM KAPAKIN, Fatih YILDIRIM, Esra AKTAS SENOC AK, Serdar ALTUN
- 512 Uptake, transport and distribution of molybdenum in two oilseed rape (*Brassica napus* L.) cultivars under different nitrate/ammonium ratios
Shi-yu QIN, Xue-cheng SUN, Cheng-xiao HU, Qi-ling TAN, Xiao-hu ZHAO
- 522 Anti-hepatocarcinoma activity of TT-1, an analog of melittin, combined with interferon- α via promoting the interaction of NKG2D and MICA
Lan-lan WAN, Da-qi ZHANG, Jin-nan ZHANG, Li-qun REN
- 532 Laparoscopic versus open distal pancreatectomy for pancreatic ductal adenocarcinoma: a single-center experience
Ai-bin ZHANG, Ye WANG, Chen HU, Yan SHEN, Shu-sen ZHENG

Case report

- 539 Satisfactory clinical outcome following delayed repositioning of a traumatic post-LASIK flap with dislocation and shrinkage managed by irrigation, stretching, and debridement
Ye-sheng XU, Wen-jia XIE, Yu-feng YAO

Correspondences

- 544 Sensory quality evaluation for appearance of needle-shaped green tea based on computer vision and nonlinear tools
Chun-wang DONG, Hong-kai ZHU, Jie-wen ZHAO, Yong-wen JIANG, Hai-bo YUAN, Quan-sheng CHEN
- 549 Full genome analysis of swine genotype 3 hepatitis E virus isolated from eastern China
Jiang-bing SHUAI, Lu-huan LI, Ai-yun LI, Yong-qiang HE, Xiao-feng ZHANG

English Consultants Alan SINGLETON (UK), Alan SEAL (NZ), Clarence SINGLETON (UK)
Executive Editors Qing YE, Han-feng LIN