



*Journal of Zhejiang
University-SCIENCE B*

Editors-in-Chief

Shumin DUAN
Zhihong LIU

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*

Printed by

Hangzhou Qianjiang Color
Printing Co., Ltd.

Publication Date

1st Week per Month

Subscription

Tel: +86-571-87952783;
E-mail: yangsq@zju.edu.cn;
Postal distributing code: 32-323

Contact

Zhejiang University Press,
148 Tianmushan Road,
Hangzhou 310028, China;
Tel: +86-571-88276199;
E-mail: jzus_b@zju.edu.cn

Price

100 CNY/Issue

ISSN 1673-1581

CN 33-1356/Q

CONTENTS

Reviews

- 561 Endocrine-disrupting chemicals in aquatic ecosystems and their impacts on aquatic organisms and humans with advances in detection and remediation

Tariq DILDAR, Yongcheng XUE, Wenxiao CUI, Mhd IKHWANUDDIN,
Muhammad SHAFIQ, Hongyu MA

- 590 HENMT1: an RNA methyltransferase in biology and disease

Shanghong JIANG, Yongchao ZHAO, Danrui CUI

- 603 Cell proliferation and differentiation during epidermis renewal

Kai LIU, Kaidi REN, Dengwen LI, Yang YANG

Research Articles

- 615 Esculetin attenuates migraine-like pain via CGRP suppression and meningeal mast cell modulation in rat models

Ayca Nur GONUL, Ibrahim Ethem TORUN, Yasemin Baranoglu KILINC, Erkan KILINC

- 628 Regenerative potential of Schneiderian membrane-derived mesenchymal stem cells in sinus floor elevation model and calvarial defect model

Yuxin ZHAO, Jia WANG, Dongqi YOU, Yifan LU, Mengfei YU, Misi SI

- 645 Integrative analytical and statistical framework for optimization of multiplex qPCR detection of *TGFBI* mutations in refractive surgery candidates

Yunfeng GU, Liping MAO, Xiaoling LI, Kangxuan SUN, Qiuruo JIANG, Wenhui WU,
Yangyang SHEN, Shihao CHEN, Meiqin ZHENG, Yi XU

- 656 Halotolerant plant growth-promoting bacteria *Enterobacter* sp. Av16 and *Acinetobacter* sp. Av23 enhance seed germination and seedling photosynthesis of *Apocynum pictum* under salt stress

Xue WANG, Li JIANG, Yao GE, Yiping ZOU, Qingsheng CAI, Yan XIA, Laiqing LOU

English Consultants Greg JERKOVICH (Hungary), Elissa KRIEG (USA), Alan SEAL (NZ),
Clarence SINGLETON (UK)

Executive Editors Qing YE, Hanfeng LIN