



*Journal of Zhejiang
University-SCIENCE A
(Applied Physics &
Engineering)*

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 Shengyuan Printing
Services Co., Ltd.

Editors-in-Chief
Huayong YANG,
Yunmin CHEN

Publication Date
1st Week per Month

Contact
Zhejiang University Press,
148 Tianmushan Road,
Hangzhou 310028, China;
Tel: +86-571-87952783;
E-mail: jzus_a@zju.edu.cn

Subscription
Zhejiang University Press;
Tel: +86-571-87952783;
E-mail: yangsq@zju.edu.cn;
Postal distributing code: 32-322

Price
100 CNY/Issue

ISSN 1673-565X
CN 33-1236/O4

CONTENTS

Review

- 605 Technical development and future prospects of cooperative terminal guidance based on knowledge graph analysis: a review

Shuangxi LIU, Zehuai LIN, Wei HUANG, Binbin YAN

Research Article

- 635 Accuracy allocation method for five-axis machine tools based on geometric error cost sensitivity prioritizing tool direction deviation

Xiaojian LIU, Ao JIAO, Yang WANG, Guodong YI, Xiangyu GAO,
Xiaochen ZHANG, Yiming ZHANG, Yangjian JI, Shuyou ZHANG, Jianrong TAN

- 652 Multi-scale analysis of the self-vibration of a liquid crystal elastomer fiber-spring system exposed to constant-gradient light

Haiyang WU, Jiangfeng LOU, Yuntong DAI, Biao ZHANG, Kai LI

- 666 Flow loss characteristics in parallel confluence sections of tunnels

Xin ZHANG, Hao HE, Xiaofeng CHEN, Yachao LI, Tianhang ZHANG,
Yuehui WANG, Kai ZHU, Ke WU

- 679 Computational analysis of Ti-6Al-4V thoracic implants with a spring-like geometry for anterior chest wall reconstruction

Alejandro BOLAÑOS, Alejandro YÁNEZ, Alberto CUADRADO,
María Paula FIORUCCI, Belinda MENTADO

- 694 Effect of mesoporous FA-SiO₂ extracted from fly ash on the structural and photocatalytic properties of g-C₃N₄-based materials

Xianhua LI, Qingbo YU

JZUS-A is supported by the “China Sci-Tech Journal Excellence Action Plan” (2024–2028).

English Consultants Alan SEAL (NZ), Owen HUFF (USA)

Executive Editors Shuqi YANG, Xinxin ZHANG, Chunjie ZHANG