

Bio-mc:404

部門英文ジャーナル JBSE 最新号のご案内

バイオエンジニアリング部門 ML 登録者各位

部門英文ジャーナル JBSE の最新号(Vol. 17, No. 3)が発刊されておりますので、概要と目次をご案内いたします。

各論文は下記公式 Web サイトに掲載されておりますので是非ご覧下さい。

https://www.jstage.jst.go.jp/browse/jbse/17/3/_contents/-char/en

----- Summary of the latest issues -----

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Special Issue on Recent Advances and Future Directions in Biomechanics -
Asian-Pacific Association for Biomechanics

7 research articles

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Preface

Toshiro OHASHI, Taiji ADACHI, Kennedy Omondi OKEYO

<https://doi.org/10.1299/jbse.22preface01>

A novel attempt for diagnosing Outerbridge classification of articular cartilage
damage via vibration transmission

Rui GONG, Kazunori HASE, Sentong WANG, Susumu OTA

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<https://doi.org/10.1299/jbse.21-00319>

A concept on velocity estimation from magnetic resonance velocity images based
on variational optimal boundary control

Tomohiro OTANI, Hiroshi YAMASHITA, Kazuma IWATA, Selin Yavuz ILIK, Shigeki
YAMADA, Yoshiyuki WATANABE, Shigeo WADA

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<https://doi.org/10.1299/jbse.22-00050>

Force estimations and theoretical calculations for the biarticular muscles during squatting

Masaru HIGA, Yudai ENDO, Yudai NAKAGAWA

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<https://doi.org/10.1299/jbse.22-00060>

Response of human endothelial cells to the vortex flow in an immediately expanding flow chamber

Kenta KANNO, Hyu AKABANE, Yuji SHIMOGONYA, Noriyuki KATAOKA

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<https://doi.org/10.1299/jbse.22-00080>

Real-time analysis of F-actin fluctuation in living cells with quasi super-resolution technique

Tomoteru OKA, Yasuyuki OGUMA, Noriyuki KATAOKA

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<https://doi.org/10.1299/jbse.22-00081>

Effects of underwater plane shock waves on neutrophil propulsion

Rintaro OBANA, Ayumu YAMAMOTO, Masaaki TAMAGAWA

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<https://doi.org/10.1299/jbse.22-00083>

Difference in the chemotaxis between monotrichous and peritrichous bacteria clarified by a numerical simulation and observation

Tonau NAKAI, Yuta KUNIMASA, Tomonobu GOTO

p.22-00121

<https://doi.org/10.1299/jbse.22-00121>

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