

- **Utilization of straw-based phenolic acids as a biofugicide for a green agricultural production**  
**JBB Volume 131, Issue 1, January 2021, Pages 53-60**  
Huanran Wei, Yazhu Wang, Zheng Jin, Fan Yang, Jiajun Hu, Min-Tian Gao (Shanghai University, China)
- **Citrate exporter enhances both extracellular and intracellular citric acid accumulation in the koji fungi *Aspergillus luchuensis* mut. *kawachii* and *Aspergillus oryzae***  
**JBB Volume 131, Issue 1, January 2021, Pages 68-76**  
Eri Nakamura, Chihiro Kadooka, Kayu Okutsu, Yumiko Yoshizaki, Kazunori Takamine, Masatoshi Goto, Hisanori Tamaki, Taiki Futagami (Kagoshima University, Saga University)
- **Fake metabolomics chromatogram generation for facilitating deep learning of peak-picking neural networks**  
**JBB Volume 131, Issue 2, February 2021, Pages 207-212**  
Shinji Kanazawa, Akira Noda, Arisa Ito, Kyoko Hashimoto, Akihiro Kunisawa, Tsuyoshi Nakanishi, Shigeki Kajihara, Norio Mukai, Junko Iida, Eiichiro Fukusaki, Fumio Matsuda (Shimadzu Corporation, Osaka University)
- **Development of liquid crystal biosensor for the detection of amyloid beta-42 levels associated with Alzheimer's disease**  
**JBB Volume 132, Issue 1, July 2021, Pages 88-94**  
Emine Kemiklioglu, Ebru Busra Tuncgovde, Gonen Ozsarlak-Sozer (Manisa Celal Bayar University, Turkey, Ege University, Turkey)
- **Design of suspension culture system with bubble sparging for human induced pluripotent stem cells in a plastic fluid**  
**JBB Volume 132, Issue 2, August 2021, Pages 190-197**  
Riku Yamamoto, Masahiro Kino-oka (Osaka University)
- **Lab-scale autothermal thermophilic aerobic digestion can maintain and remove nitrogen by controlling shear stress and oxygen supply system**  
**JBB Volume 132, Issue 3, September 2021, Pages 293-301**  
Min Zhang, Yukihiro Tashiro, Yuya Asakura, Natsumi Ishida, Kota Watanabe, Siyuan Yue, Maruyama-Nakashita Akiko, Kenji Sakai (Kyushu University)
- **Analysis of extracellular vesicles as a potential index for monitoring differentiation of neural lineage cells from induced pluripotent stem cells**  
**JBB Volume 132, Issue 4, October 2021, Pages 381-389**  
Hikaru Saito, Midori Kato, Kakuro Hirai, Masaharu Kiyama, Kunio Ohyama, Hiroko Hanzawa, Atsushi Nakane, Sayaka Sekiya, Kenji Yoshida, Akiyoshi Kishino, Atsushi Tsuchida, Toru Kimura, Jun Takahashi, Shizu Takeda (Hitachi, Ltd., Sumitomo Dainippon Pharma Co., Ltd., Kyoto University)

[⇒Excellent Paper Award – Past Recipients](#)

[▶Back to "Awards" Top](#)