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- 3. Ayumu Daimon, Koki Jimbo, Maki Kihara, Satoshi Iriyama, Tokyo University of Science, Japan

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- 7. Soichiro Morita, Satoshi Iriyama, Tokyo University of Science, Japan A Study of Fidelity Measurement (Computation) and Optimal Squeezing Parameters of Quantum Teleportation Using Squeezed State
- 8. Kenji Hashimoto, Mariko Higashijima, Kayo Kamiya, Yuto Yamashita, Kazuyuki Kuchitsu, Tokyo University of Science, Japan *Reactive oxygen species produced in the apoplast by NADPH oxidases play critical roles in regulating the structure and mechanical properties of the cell wall in* Marchantia polymorpha.
- 9. Yuto Yamashita, Yuki Hagiwara, Kenji Hashimoto, Hidemasa Suzuki, Ryuichi Nishihama, Kazuyuki Kuchitsu, Tokyo University of Science, Japan *Critical Roles and molecular mechanisms of Nox/Rboh-mediated ROS production in the regulation of cell division and cell cycle progression in* Marchantia polymorpha
- Hana Kojima, Toru Ikeuchi, Kenji Hashimoto, Kazuyuki Kuchitsu, Tokyo University of Science, Japan Light control of polarized tip growth and Ca²⁺ dynamics of rhizoids in Marchantia polymorpha
- 11. Erina Seno, Yuka Yoshizawa, Yuto Yamashita, Kenji Hashimoto, Kazuyuki Kuchitsu, Tokyo University of Science, Japan

Spatio-temporal Pattern Analysis of Spontaneous Ca^{2+} Spikes in Marchantia polymorpha

- 12. Mizuki Ogawa, Kentaro Namiki, Ryuhei Toya, Sota Ogawa, Seigo Hoshino, Manami Awano, Hinaho Uesugi, Taiki Funahashi, Nobutaka Kitahata, Yuho Saito, Masataka Nakano, Kenji Hashimoto, Hiroshi Abe, Tadao Asami, Seisuke Kimura, Kouji Kuramochi, Kazuyuki Kuchitsu, Tokyo University of Science, Japan & *Meisei University Mode of action and possible application of a novel compound that induces the accumulation of both jasmonic acid and salicylic acid in Arabidopsis.
- 13. Toru Ikeuchi, Hana Kojima, Kenji Hashimoto, Yutaka Sumino, Satoru Tshugawa, Nonoyama Tomonobu, Zichen Kang, Yukitaka Ishimoto, Kazuyuki Kuchitsu Tokyo University of Science, Japan Quantitative analysis of fluctuation, oscillation and gradient of intracellular Ca²⁺ concentration at the growing tip of rhizoids in a liverwort, Marchantia polymorpha.
- 14. Hisaya Okahara and Kouji Tahata, Tokyo University of Science, Japan On asymmetry models based on f-divergence for multi-way tables
- 15. Masayuki Miyashita† and Noboru Watanabe*, *Tokyo University of Science, †Research

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 - A Note on the Possibility of Perfect Secure Key Agreement Only Using Public information