2016年

2016.12	中田研究室から*J. Appl. Electrochem*に"Systematic studies of TiO2 based photocatalysts anti-algal effects on Chlorella Vulgaris"が発表されました。
2016.12	中田研究室から*J. Mater. Chem. B*に"Single-step Electrospun TiO2-Au Hybrid Electrodes for High Selectivity Photoelectrocatalytic Glutathione Bioanalysis"が発表されました。
2016.11	倉持研究室から*Org. Biol. Chem.* に論文 "Syntheses and Properties of the V-shaped Dimeric Xanthene Dyes." が発表されました。（共同研究）
2016.09	倉持研究室から*Tetrahedron* に論文 "The second generation synthesis of (±)-berkeleyamide D." が発表されました。
2016.08	倉持研究室から*Prog. Neuropsychopharmacol. Biol. Psychiatry.* に論文"Neoechinulin A induced memory improvements and antidepressant-like effects in mice." が発表されました。（共同研究）
2016.08	倉持研究室から*Angew. Chem. Int. Ed.* に論文"Total Syntheses of Juglorescein and Juglocombins A and B."が発表されました。
2016.08	倉持研究室から*Angew. Chem. Int. Ed.* に論文 "Bioinspired Synthesis of (±)-Rubrobramide, (±)-Flavipucine, and Isoflavipucine." が発表されました。
2016.12	松永研究室から 1. Hirakawa T. and Matsunaga S. (2016) Chromatin tagging systems contribute to live imaging analyses for chromatin dynamics. Cytologia, 81, 121-123. 2. Fujimoto, S. and *Matsunaga, S. (2016) Which is a reliable approach in the generation of artificial minichromosomes, bottom-up or top-down? Cytologia, 81(3), 251-256. 3. Fujimoto, S. and Matsunaga, S. (2016) Chromatin live imaging with genome editing techniques: switching from scissors to a lamp. Cytologia, in press. 4. Fujimoto, S., Matsunaga, S. and *Murata, M. (2016) Mapping of T-DNA and Ac/Ds by TAIL-PCR to analyze chromosomal rearrangements. Methods Mol. Biol., 1469, 207-216. 5. Hirakawa, T. and Matsunaga, S. (2016) Three dimensional, live-cell imaging of chromosome dynamics in plant nuclei using chromatin tagging systems. Methods Mol. Biol., 1469, 189-195. 6. Yokoyama, R., Hirakawa, T., Hayashi, S., Sakamoto, T. and *Matsunaga, S. (2016) Dynamics of plant DNA replication based on PCNA visualization. Sci. Rep., 6, 29657. 7. Takagi, M.*, Sakamoto, T.*,Suzuki, R.,Nemoto, K., Obayashi, T., Matsunaga, T. M., Hirakawa, T., Kurihara, D., Nariai, Y., Urano, T., Sawasaki, T., *Matsunaga, S. (2016) Plant Aurora kinases interact with and phosphorylate transcription factors. J. Plant Res., 129 (6), 1165-1178. *These authors equally contributed to this work. 8. Fujimoto, S., Sugano, S. S., Kuwata, K., Osakabe, K and *Matsunaga, S. (2016) Visualization of specific repetitive genomic sequences with fluorescent TALEs in Arabidopsis thaliana. J. Exp. Bot., 67, 6101-6110.
2016.12	諸橋研究室から*Plant Cell* に"WIND1 promotes shoot regeneration through transcriptional activation of ESR1 in Arabidopsis"が発表されました。
2016.11	諸橋研究室から*Molecular Plant.* に"A maize gene regulatory network for phenolic metabolism"が発表されました。
2016.11	池北・中田研究室から*Sci. Rep.* に"Efficient photoelectrochemical CO_2 reduction through surface modification"が発表されました。
2016.09	池北・中田研究室から*Sci. Rep.* に"Ionic-Liquid-Assisted Selective and Controlled Electrochemical CO_2 Reduction at Cu-Modified Boron-Doped Diamond Electrode"が発表されました。
2016.08	池北・中田研究室から*RSC. Adv* に"Ionic-Liquid-Assisted Selective and Controlled Electrochemical CO_2 Reduction at Cu-Modified Boron-Doped Diamond Electrode"が発表されました。
2016.06	池北・中田研究室から*Photochem. Photobiol. Sci.* に"Ionic-Liquid-Assisted Selective and Controlled Electrochemical CO_2 Reduction at Cu-Modified Boron-Doped Diamond Electrode"が発表されました。
2016.7	松永研究室 1. Hirakawa, T. and Matsunaga, S. (2015) Three dimensional, live-cell imaging of chromosome dynamics in plant nuclei using chromatin tagging systems. Methods in Mol. Biol., in press. 2. Oroguchi, T., Sekiguchi, Y., Kobayashi, A., Masaki, Y., Fukuda, A., Hashimoto, S., Nakasako, M., Ichikawa, I., Kurumizaka, H., Shimizu, M., Inui, Y., Matsunaga, S., Kato, T., Namba, K., Yamaguchi, K., Kuwata, K., Kameda, H., Fukui, N., Kawata, Y., Kameshima, T., Takayama, Y., Yonekura, K., Yamamoto, M. (2015) Cryogenic coherent X-ray diffraction imaging for biological non-crystalline particles using the KOTOBUKI-1 diffraction apparatus at SACLA. J. Phys. B., 48, 184003. 3. Izaguirre-Carbonell, J., Kawakubo, H., Murata, H., Tanabe, A., Takeuchi, T., Kusayanagi, T., Tsukuda, S., Hirakawa, T., Iwabata, K., Kanai, Y., Ohta, K., Miura, M., Sakaguchi, K., Matsunaga, S., Sahara, H., Kamisuki, S., and Sugawara, F. (2015) Novel anticancer agent, SQAP, binds to focal adhesion kinase and modulates its activity. Sci. Rep., 5, 15136. 4. Katagiri, Y., Hasegawa, J., Fujikura, U., Hoshino R., *Matsunaga, S. and *Tsukaya, H. (2016) The coordination of ploidy and cell size differs between cell layers in leaves. Development, 143, 1120-1125.*double corresponding authors. 5. Hasegawa, J., Sakamoto, Y., Nakagami, S., Aida, M., Sawa, S. and Matsunaga, S. (2016) Three-dimensional imaging of plant organs using a simple and rapid transparency technique. Plant Cell Physiol., 57, 462-472. 6. Sotta, N., Shantikumar, L., Sakamoto, T., Matsunaga, S. and Fujiwara, T. (2016) TPR5 is involved in directional cell division and is essential for the maintenance of meristem cell organisation in Arabidopsis thaliana. J. Exp. Bot., in press. 7. Fujimoto, S., Matsunaga, S. and Murata, M. (2016) Mapping of T-DNA and Ac/Ds by TAIL-PCR to analyze chromosomal rearrangements. Methods Mol. Biol., in press.
2016.6	田口研究室　Functional and Structural Analysis of a β-Glucosidase Involved in β-1,2-Glucan Metabolism in Listeria innocua. PLoS One. 2016 Feb 17;11(2):e0148870. doi: 10.1371/journal.pone.0148870. eCollection 2016.
2016.05	池北・中田研究室からChemElectroChemに"Ionic-Liquid-Assisted Selective and Controlled Electrochemical CO2 Reduction at Cu-Modified Boron-Doped Diamond Electrode"が発表されました。
2016.3	池北・中田研究室からDiam. Relat. Mater.に"Rapid growth of diamond and its morphology by in-liquid plasma CVD"が発表されました。
2016.1	池北・中田研究室からBiosensors and Bioelectronicsに"Microfluidic platform for environmental contaminants sensing and degradation based on boron-doped diamond electrodes"が発表されました。
2016.1	池北・中田研究室からACS Appl. Mater. Interfacesに"Charge Separation in TiO2/BDD Heterojunction Thin Film for Enhanced Photoelectrochemical Performance"が発表されました。
2016.1	池北・中田研究室からChem. Lett.,に"Photocatalytic Degradation of Gaseous Acetaldehyde over Rh-Doped SrTiO3 under Visible Light Irradiation"が発表されました。