

2022 年

【査読つき学術論文】

- 1) “Cation Effect on the Electrochemical Reduction of Polyoxometalates in Room Temperature Ionic Liquids”, J. I. Phillips, S. Azuma, J. Lee, T. Ueda, and D. S. Silvester, Australian Journal of Chemistry, in press.
- 2) “Coprecipitation Synthesis of  $\text{Ca}_{14}\text{Al}_{10}\text{Zn}_6\text{O}_{35}:\text{Mn}^{4+}$  Deep-Red Phosphor and Silica-Modified Waterproof Ability”, A. Nakagawa, H. Nakabayashi, Y. Nishiwaki, S. Ogo, T. Ueda, and T. Hasegawa, Journal of the American Ceramic Society, in press.
- 3) “Electrochemical antioxidant capacity measurement: a downsized system and its application to agricultural crops.”, H. Ishida, N. Yamasaki, Y. Otsuka, D. Mori, T. Shimamura, T. Hasegawa, S. Ogo and T. Ueda, Analytical Sciences, 38, 151-156 (2022).
- 4) “Elucidation of the reaction mechanism on dry reforming of methane in an electric field by in situ DRIFTS.”, N. Nakano, M. Torimoto, H. Sampei, R. Yamashita, R. Yamano, K. Saegusa, A. Motomura, K. Nagakawa, H. Tsuneki, S. Ogo and Y. Sekine, RSC Advances, 2022, 12, 9036-9043 (2022).

【受賞】

- 1) 山崎 直輝, 令和 3 年度 日本化学会中国四国支部 支部長賞, 2022 年 3 月
- 2) 友澤 慧大, 第 26 回 JPIJS 若手研究者のためのポスターセッション 優秀ポスター賞, 2022 年 5 月