

酒井 健 (公募 C 班)

会議発表

1. K. Sakai, "Molecular Catalysts and Photocatalysts for Water Splitting Reactions and their Applications in Surface Modified TiO₂ Electrodes", I2CNER-UGo, IRTG Proposal Workshop, (ゲッティンゲン, ドイツ, 2018/04/03) [招待講演]
2. K. Sakai, "Hybrid Molecular Catalysts and Photocatalysts for Solar Water Splitting Reactions", 3rd Japan - UK Joint Symposium on Coordination Chemistry, (セントアンドリュース, イギリス, 2018/5/1) [招待講演]
3. K. Sakai, "Catalytic Hydrogen Evolution Reactions Coupled with Proton-Coupled Electron Transfer Processes", 3rd International Conference on Proton Coupled Electron Transfer (PCET2018), (Blowing Rock, アメリカ, 2018/6/11) [招待講演]
4. K. Sakai, "Water Oxidation and CO₂ Reduction Catalyzed by Co-, Cu- and Ru-Centered Catalysts including Cobalt Porphyrins", Tenth International Conference on Porphyrins and Phthalocyanines(ICPP-10), (ミュンヘン, ドイツ, 2018/07/03) [招待講演]
5. K. Sakai, "Coordination Chemistry focused on Photochemical Water Splitting Molecular Devices", 43rd International Conference on Coordination Chemistry(ICCC2018), (仙台, 日本, 2018/07/31) [基調講演]
6. K. Sakai, "Catalysis of metals and metal complexes", Summer Shool 2018 on Young Coordination Chemist's Association Japan, (大津, 日本, 2018/09/20) [招待講演]
7. K. Sakai, "Solar Energy Conversion and Storage using Transition Metal Molecular Systems", CSOM Workshop, (ソウル, 韓国, 2018/10/19) [招待講演]
8. K. Sakai, "Molecular Catalysts and Photocatalysts towards Artificial Photosynthesis", Department Seminar at School of Science, The University of Tokyo, (東京, 日本, 2018/12/04) [招待講演]
9. K. Sakai, "Molecular Catalysts and Photocatalysts for Solar Energy Conversion and Storage", 2nd Kyushu-Mainz Joint Chemistry Symposium, (福岡, 日本, 2019/01/17) [招待講演]
10. H. Ozawa, K. Sakai, "分子性触媒コンポーネントを融合させた太陽光水分解用光電気化学セルの開発", I4LEC 第 1 回合同班会議, (静岡, 日本, 2018/06/23)
11. N.Taira, Y. Tsubonouchi, K. Yamauchi, and K. Sakai, "Mechanistic Studies on Water oxidation Catalyzed by Cobalt Polyoxometalates with Stopped-flow Techniques", 43rd International Conference on Coordination Chemistry(ICCC2018), (仙台, 日本)
12. Y. Tsuji, K. Yamauchi, and K. Sakai, "Near-Infrared Light-Driven Hydrogen Evolution Photosensitized by a Polypyridyl Triruthenium Photosensitizer", 43rd International

Conference on Coordination Chemistry(ICCC2018), (仙台, 日本)

13. K. Yamakawa, F. Wakiyama, K. Yamauchi, and K. Sakai, "Synthesis and H₂-evolving Activity of New Dinuclear Platinum(II) Bipyridine Complexes Having an Intramolecular Metal -Metal Interaction", 43rd International Conference on Coordination Chemistry(ICCC2018), (仙台, 日本)
14. T. Koga, K. Yamauchi, and K. Sakai, "コバルト NHC 錯体による二酸化炭素還元反応", Summer Shool 2018 on Young Coordination Chemist's Association Japan, (大津, 日本, 2018/09/21)
15. H. Ozawa, and K. Sakai, "分子性触媒コンポーネントを融合させた太陽光水分解用光電気化学セルの開発", I4LEC 第 2 回班会議、第 2 回公開シンポジウム, (岡山, 日本, 2019/01/13)
16. Y. Aimoto, K. Yamauchi, and K. Sakai, "低過電圧水素生成錯体触媒の開発と反応機構解析", I4LEC 第 2 回班会議、第 2 回公開シンポジウム, (岡山, 日本, 2019/01/13)
17. Y. Sakaguchi, Mihaela Cibian, Arnau Call, and K. Sakai, "ジアザピリジノファン配位子を有する第一遷移金属錯体を用いた光化学的二酸化炭素還元反応", 日本化学会第 99 春季年会, (神戸, 日本, 2019/03/17)
18. H. Ozawa and K. Sakai, "分子性色素増感光電気化学セルによる太陽光水分解", 日本化学会第 99 春季年会, (神戸, 日本, 2019/03/16) [招待講演]
19. N. Taira, K. Yamauchi, and K. Sakai, "コバルト単核活性部位を有するポリオキソメタレート錯体触媒の 酸素発生反応機構解析", 日本化学会第 99 春季年会, (神戸, 日本)