

八木 政行 (計画班 C01)

会議発表

1. M. Yagi, "In situ N₂-intercalated and nanostructured WO₃ photoanodes synthesized by dual-functional structure directing agents for efficient visible-light-driven water oxidation", 2nd World Chemistry Conference & Exhibition (WCCE-2018), (Valencia, Spain, 2018/07/10) [招待]
2. M. Yagi, "Inorganic ion cofactors inducing highly efficient heterogeneous catalysis for water oxidation", 43rd International Conference on Coordination Chemistry (ICCC2018), (Sendai, Japan, 2018/8/3) [招待]
3. Y. Tsubonouchi, M. Yagi, "Synthesis and characterization of multinuclear complexes as active water oxidation catalysts", 43rd International Conference on Coordination Chemistry (ICCC2018), (Sendai, Japan, 2018/8/3)
4. M. Yagi, "Synthetic catalysts for water oxidation using metal complexes and nanoparticles", First International Conference on 4D Materials and Systems (4DMS), (Yonezawa, Japan, 2018/08/29) [招待]
5. M. Yagi, "Molecular catalysts for water oxidation in a homogenous solution and heterogeneous surface", 2nd Edition of Global Conference on Catalysis, Chemical Engineering & Technology (CAT 2018), (Rome, Italy, 2018/09/14) [招待]
6. Tetsuya Sato, Kenji Saito, Tatsuto Yui, Masayuki Yagi, "Nanostructure control of IrOx powder for highly efficient electrocatalytic water oxidation", 2nd Edition of Global Conference on Catalysis, Chemical Engineering & Technology (CAT 2018), (Rome, Italy, 2018/09/13)
7. Hiroki Sonokawa, Takashi Minamisawa, Taisei Sato, Kenji Saito, Tatsuto Yui, Masayuki Yagi, "Highly active molecular catalyst of a dinuclear ruthenium(II) complex for water oxidation", 2nd Edition of Global Conference on Catalysis, Chemical Engineering & Technology (CAT 2018), (Rome, Italy, 2018/09/13)
8. Yuki Tanahashi, Keitaro Kaneko, Kosuke Takahashi, Kenji Saito, Tatsuto Yui, Masayuki Yagi, "Catalytic H₂O₂ production via water oxidation by a dinuclear ruthenium complex", 2nd Edition of Global Conference on Catalysis, Chemical Engineering & Technology (CAT 2018), (Rome, Italy, 2018/09/13)
9. Shunsuke Watabe, Taisei Sato, Kenji Saito, Tatsuto Yui, Masayuki Yagi, "Mechanism of water oxidation and reversible proton dissociation on aquo-bridge between Ru(II) centres on dinuclear complexes", 2nd Edition of Global Conference on Catalysis, Chemical Engineering & Technology (CAT 2018), (Rome, Italy, 2018/09/13)
10. M. Yagi, "Prominent performance for visible-light-driven water oxidation on an in situ

N2-intercalated WO₃ nanorod photoanode prepared by a dual functional structure directing agent”, International Conference on Nanomaterials & Nanotechnology (ICNano) 2018, (Stockholm, Sweden, 2018/10/10) [招待]

11. Zaki. N. Zahran, Eman A. Mohamed, Yuta Tsubonouchi, Masayuki Yagi, “Anode development for water oxidation toward artificial photosynthesis”, 3rd International Conference on Emerging Advanced Nanomaterials (ICEAN 2018), (Newcastle, Australia, 2018/10/30) [招待]
12. Li Dong、竹内良知、齊藤健二、由井樹人、八木政行, “窒素分子インターカレート酸化タングステンのナノ構造制御と可視光駆動水の酸化触媒活性”, 電気化学会第 85 回大会, (東京, 日本, 2018/03/10)
13. 園川大樹、棚橋祐樹、渡部俊介、齋藤健二、由井樹人、八木政行, “カルボキシル基を有するアンチリジン架橋二核ルテニウム錯体の合成と水の酸化触媒活性”, 錯体化学会第 68 回討論会, (仙台, 日本, 2018/07/29)
14. Yuta Tsubonouchi, Hiroki Sonokawa, Kenji Saito, Tatsuto Yui, Tsubasa Hatanaka, Yasuhiro Funahashi, Koichi Nozaki, Masayuki Yagi, “Physicochemical properties and thermal isomerization of homoleptic ruthenium complexes with asymmetric ligands”, 日本化学会第 99 春季年会, (神戸, 日本, 2018/03/18)
15. Hiroki Sonokawa, Yuta Tsubonouchi, Kenji Saito, Tatsuto Yui, Masayuki Yagi, “Electrochemical water oxidation catalyzed by a dinuclear ruthenium complex having a carboxylate-anthyridine ligand”, 日本化学会第 99 春季年会, (神戸, 日本, 2018/03/18)
16. Tetsuya Sato, Kenji Saito, Yui Tatsuto, Yagi Masayuki, “Nanostructure control of IrOx catalysts for highly efficient water oxidation anodes”, 日本化学会第 99 春季年会, (神戸, 日本, 2018/03/18)
17. 高橋 大生、坪ノ内 優太、齊藤 健二、由井 樹人、八木 政行, “共役大環状配位子を有する卑金属錯体の合成と酸素発生触媒機能”, 日本化学会第 99 春季年会, (神戸, 日本, 2018/03/16)