

佐藤晃一 (SATO, Koichi)



修士論文「透明酸化物半導体($\text{Ba}_{1-x}\text{Sr}_x$) SnO_3 固溶体薄膜の熱・電子輸送特性に及ぼす格子歪の影響」

卒業論文「 $\text{SrRuO}_3/\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3/\text{SrTiO}_3$ 酸化物ヘテロ構造における電流誘起有効磁場」

在籍期間：2016.11 - 2020.3

原著論文 / Original Paper

[1] Hai Jun Cho,* **Koichi Sato**, Mian Wei, Gowoon Kim, and Hiromichi Ohta*, “Effect of lattice distortions on the electron and thermal transport properties of transparent oxide semiconductor $\text{Ba}_{1-x}\text{Sr}_x\text{SnO}_3$ solid solution films”, *J. Appl. Phys.* **127**, 115701 (2020). (March 17, 2020) (DOI: [10.1063/5.0002172](https://doi.org/10.1063/5.0002172))

[2] Michihiko Yamanouchi*, Tatsuro Oyamada, **Koichi Sato**, Hiromichi Ohta, and Jun'ichi Ieda, “Current-induced modulation of coercive field in the ferromagnetic oxide SrRuO_3 ”, *IEEE Transactions on Magnetics* (DOI: [10.1109/TMAG.2019.2894897](https://doi.org/10.1109/TMAG.2019.2894897)) (12 February 2019)