

平成29年度 とくしま地域産学官共同研究拠点 機器利用報告

論文発表

機器名	著者	題目(テーマ)	雑誌名	巻	ページ	発行年	査読有無	教員名
ICP発光分光分析装置	Yuki Kato , Hisanobu Misu, Sho Shimazu, Masahiro Katoh, Wataru Ninomiya and Shigeru Sugiyama	Introduction of a Small Amount of Chromium to Enhance the Catalytic Performance of SBA-15 for the Oxidative Dehydrogenation of Isobutane to	Journal of Chemical Engineering of Japan	51	印刷中	2018	有	杉山
ICP発光分光分析装置	Shigeru Sugiyama , Naozumi Fukushima, Yuto Tsuchiya, Masahiro Katoh, Yukimi Hayashi, Yuka Arai and Masamori Akakatsu	Reductive Decomposition of Nitrite in a Continuous-Flow Reactor Using Fixed-Bed Structural Pd Catalysts	Journal of Chemical Engineering of Japan	51	83-88	2018	有	杉山
NMRシステム	Y. Kawasaki , R. Morioka , Y. Kishimoto , K. Nakamura , K. Nishiyama , T. Koyama , T. Mito , T. Baba , T. Yamauchi , M. Isobe and	51V-NMR study of charge order induced by cation order in δ -Ag ₂ /3V ₂ O ₅	J. Phys., Conf. Ser.	807	62001	2017	有	川崎
微細構造観察装置 (SEM)	Xiangmeng Lu, Naoto Kumagai, Yasuo Minami and Takahiro Kitada	Sublattice reversal in GaAs/Ge/GaAs (113)B heterostructures and its application to THz emitting devices based on a coupled multilayer	Japanese Journal of Applied Physics	57	04FH07	2018	有	北田
微細構造観察装置 (SEM)	Takahiro Kitada, Xiangmeng Lu, Yasuo Minami, Naoto Kumagai and Ken Morita	Room-temperature two-color lasing by current injection into a GaAs/AlGaAs coupled multilayer cavity fabricated by wafer bonding	Japanese Journal of Applied Physics	57	04FH03	2018	有	北田
微細構造観察装置 (SEM)	Xiangmeng Lu, Naoto Kumagai, Yasuo Minami and Takahiro Kitada	Sublattice reversal in GaAs/Ge/GaAs heterostructures grown on (113)B GaAs substrates	Applied Physics Express	11	015501	2018	有	北田