

《センターより》

分析センター機器使用研究業績(1996.10～1997.9)

A. 元素・質量分析分野 [質量分析装置(GC/MS,Q-MS)、示差熱分析装置(TG/DTA/DSC)
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Determination of arsenic and selenium in river water by hydride generation ICP-AES
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K.Akimoto,K.Masaki,and J.Nakayama

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Bull.Chem.Soc.Jpn.(headline article),1997,**70**,509-523

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Tetrahedron Lett.,1997,**38**,1431-1434

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Chemistry Letters,965-966,1997

B. 磁気共鳴分析分野 【超伝導核磁気共鳴装置(AM400,ARX400,AC300P,AC200)】

M.Abe,T.Mikami,H.Sugimoto,A.Nagasawa,Y.Sasaki

Lewis acid trifluoroboron coordination to *trans*-dioxorhenium(**V**) moiety: Structural and spectroscopic characterization of *trans*-[Re **V**(O)(OBF₃)(1-MeIm)₄](BF₄)(1-MeIm=1-methylimidazole).
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C. X線解析分野

【X線回折装置(18K(縦型、横型)、RAD-B)、蛍光X線分析]
4軸型単結晶X線構造解析装置(3K、18K、18K迅速型)】

M.Abe,T.Mikami,H.Sugimoto,A.Nagasawa,Y.Sasaki
Lewis acid trifluoroboron coordination to trans-dioxorhenium(V) moiety:Structural and spectroscopic characterization of
trans-[Re^V(O)(OBF₃)(1-MeIm)₄](BF₄)(1-MeIm=1-methylimidazole).
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