

## Synthesize of new functional ceramics and characterization of electrical properties

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Status	Assistant Professor				
Affiliations		The ceramics society of Japan, MRS-J, etc.			
Keywords		crystal structure, Frenkel defect, SOFC, defect structure, ceramics, ion conductor			
Technical Support Skills		<ul> <li>XRD</li> <li>Electrical conductivity(D.C.4)</li> <li>Rietveld analysis(computer fitting)</li> </ul>			

## Research Contents Synthesis of new oxide-ion conductor for SOFCs of solid electrolyte materials

