

Group name	<b>Inorganic materials group</b>
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Group Homepage	<a href="http://ceramics.yz.yamagata-u.ac.jp/">http://ceramics.yz.yamagata-u.ac.jp/</a>
Main Subjects	1. Chemical Processing of Ceramics

Content

Novel processing methods based on aqueous solution science are searched for to fabricate ceramic thin films, nano-coatings, nanopowders, and multicomponent ceramics under environmentally benign conditions. The outcome so far includes transparent  $\text{TiO}_2$ ,  $\text{SnO}_2$ ,  $\text{CeO}_2$  and other ceramic coatings deposited from aqueous solutions and hydroxyapatite coatings on polymers using enzymatic reactions.

