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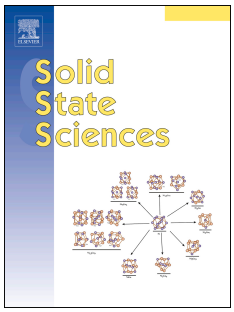

Improvement the wastewater purification by TiO_2 nanotube arrays: The effect of etching-step on the photo-generated charge carriers and photocatalytic activity of anodic TiO_2 nanotubes

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