



## Keiichi TOMISHIGE

Job Title:	Professor
Organization:	Department of Applied Chemistry, Graduate School of Engineering, Tohoku University
Major Field:	Heterogeneous catalysis, biomass conversion, CO <sub>2</sub> conversion
Education:	1990 B. S. The University of Tokyo 1992 M. S. The University of Tokyo 1997 D. S. The University of Tokyo
Professional Experience	1994 Research Associate, Graduate School of Engineering, The University of Tokyo 1999 Lecturer, Graduate School of Engineering, The University of Tokyo 2001 Lecturer, Institute of Materials Science, University of Tsukuba 2004 Associate Professor, Graduate School of Pure and Applied Sciences, University of Tsukuba 2010 Professor, School of Engineering, Tohoku University
Honors & Awards:	Young Scientist award of Japan Petroleum Institute (2000) Young Scientist award of Catalysis Society of Japan (2004)
	<p>Keiichi Tomishige received his B.S., M.S. and Ph.D. from Graduate School of Science, Department of Chemistry, The University of Tokyo with Prof. Y. Iwasawa. During his Ph.D. course in 1994, he moved to Graduate School of Engineering, The University of Tokyo as a research associate and worked with Prof. K. Fujimoto. In 1998, he became a lecturer, and then he moved to Institute of Materials Science, University of Tsukuba as a lecturer in 2001. Since 2004 he has been an associate professor, Graduate School of Pure and Applied Sciences, University of Tsukuba. Since 2010, he is a professor, School of Engineering, Tohoku University.</p> <p>His research interests are the development of heterogeneous catalysts for</p> <ol style="list-style-type: none"><li>1) production of biomass-derived chemicals</li><li>2) direct synthesis of organic carbonates from CO<sub>2</sub> and alcohols</li><li>3) steam reforming of biomass tar,</li><li>4) syngas production by natural gas reforming</li></ol> <p>Associate Editor, Fuel Processing Technology (2014/2-) Editorial board, Applied Catalysis A:General (2009/4-) Editorial advisory board, ACS Catalysis (2013/11-) International Advisory Board, ChemSusChem (2015/1-) Advisory Board, Green Chemistry (2016/8-)</p> <p>Total citation: &gt;11,000 h-index: 60</p>