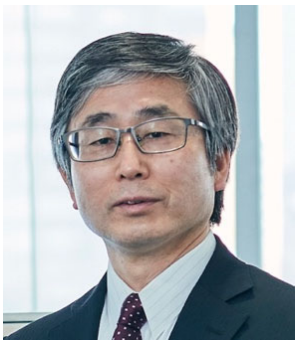
Prof. Akihiko Kudo
Department of Applied Chemistry, Faculty of Science,
Tokyo University of Science
1-3 Kagurazaka, Shinjuku-ku, Tokyo 162-8601, Japan
E-mail: a-kudo@rs.tus.ac.jp



Birthday
March 7, 1961

Educational Background & Employment History

1983/3	Tokyo University of Science (Bachelor)
1988/3	Tokyo Institute of Technology (Doctor of Science)
1988/4-1989/10	Postdoctoral fellow, University of Texas at Austin
1989/11-1995/3	Research associate, Tokyo Institute of Technology
1995/4-1998/3	Lecturer, Faculty of Science, Tokyo University of Science
1998/4-2003/3	Associate Professor, Faculty of Science, Tokyo University of Science
2003/4-present	Professor, Faculty of Science, Tokyo University of Science
2022/1-present	Leader, Carbon Value Research Center, Tokyo University of Science

Awards
(1) The Japanese Photochemical Association Award in 2009
(2) The 10th Green and Sustainable Chemistry Award from the Ministry of Environment in 2011
(3) Catalysis Society of Japan Award (Academic field) in 2017
(4) Award for Academic Achievements in Ceramic Science and Technology in 2017
(5) Award of Minister of Education, Culture, Sports, Science and Technology in 2020
(6) The Chemical Society of Japan (CSJ) Award in 2024
(7) The Electrochemical Society of Japan (ESJ) Award in 2025

Selected Recent Publications
(1) K. Kaiya, Y. Ueki, H. Kawamoto, K. Watanabe, S. Yoshino, Y. Yamaguchi, A. Kudo, "Water splitting over transition metal-doped $SrTiO_3$ photocatalysts with response to visible light up to 660 nm", *Chem. Sci.*, **2024**, *15*, 16025-16033.
(2) W. Soontornchaiyakul, S. Yoshino, T. Kanazawa, R. Haruki, D. Fan, S. Nozawa, Y. Yamaguchi, A. Kudo, "CH_4 Synthesis from CO_2 and H_2O of an electron source over Rh-Ru cocatalyst loaded on $NaTaO_3$:Sr photocatalyst", *J. Am. Chem. Soc.*, **2023**, *145*, 20485–20491.
(3) T. M. Suzuki, S. Yoshino, K. Sekizawa, Y. Yamaguchi, A. Kudo, T. Morikawa, "Photocatalytic CO_2 reduction by a Z-scheme mechanism in an aqueous suspension of particulate $(CuGa)_{0.3}Zn_{1.4}S_2$, $BiVO_4$ and a Co complex operating dual-functionally as an electron mediator and as a cocatalyst", *Appl. Catal. B Environ.,* **2022***, 316,* 121600.
(4) S. Yoshino, A. Iwase, Y. Yamaguchi, T. M. Suzuki, T. Morikawa, A. Kudo, "Photocatalytic CO_2 Reduction Using Water as an Electron Donor under Visible Light Irradiation by Z-Scheme and Photoelectrochemical Systems over $(CuGa)_{0.5}ZnS_2$ in the Presence of Basic Additives", *J. Am. Chem. Soc.,* **2022**, *144*, 2323–2332.
(5) K. Watanabe, A. Iwase, A. Kudo, "Solar water splitting over $Rh_{0.5}Cr_{1.5}O_3$-loaded $AgTaO_3$ of a valence-band-controlled metal oxide photocatalyst", *Chem. Sci.*, **2020**,*11*, 2330 - 2334.