



Indo-French Seminar on Catalysis for Sustainability

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Professor

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Education

2002-03 Postdoctoral Fellow, The University of Tokyo (Prof. Eiichi Nakamura)
2002 PhD, Kyoto University (Prof. Koichiro Oshima)
1997 BS, Kyoto University

Academic Careers

2015- Professor, Department of Chemistry, Kyoto University
2009-15 Associate Professor, Department of Chemistry, Kyoto University
2008-09 Associate Professor, Department of Material Chemistry, Kyoto University
2003-08 Assistant Professor, Department of Material Chemistry, Kyoto University

Recent Representative Professional Service

Co-Chair, 22nd International Symposium on Organometallic Chemistry Directed Toward Organic Synthesis (OMCOS-22, 2025); Chair, International Kyoto Next-Generation Organic Chemistry Symposium (KNOCS, 2023-); Organizer, Tateshina Conference on Organic Chemistry (2023-); Associate Editor for SYNTHESIS (2019-).

Recent Selected Honors

2023 Swiss Chemical Society Lectureship Award
2022 Visiting Professor, National Chung Hsing University, Taiwan
2020 Japan Academy Medal
2020 JSPS Prize
2018 Honorary Chair Professor, National Taipei University of Technology
2018 Negishi Award (from Japan Science and Technology Agency)
2016 Mukaiyama Award (from the Society of Synthetic Organic Chemistry, Japan)
2011 The Young Scientists' Prize (from the MEXT Minister)

Recent Selected Publications

(i) "Stereo- and regioselective boryllithiation and -sodiation of arylacetylenes using flow microreactors" *Nat. Synth.* 2024, **3**, *in press*. (ii) "Synthesis of *trans*-1,2-dimetalloalkenes through reductive *anti*-dimagnesiumation and dialumination of alkynes" *Nat. Synth.* 2023, **2**, 162. (iii) "Utilization of Silanols in Transition Metal-Catalyzed Organic Synthesis" *ACS Catal.* 2023, **13**, 7472. (iv) "Sulfur(IV) in Transition-Metal-Free Cross-Couplings for Biaryl Synthesis" G. J. P. Perry and H. Yorimitsu, *ACS Sustainable Chem. Eng.* 2022, **10**, 2569. (v) "Catalytic Transformations of Sulfonium Salts via C–S Bond Activation" *Chem. Rec.* 2021, **21**, 3356. (vi) "Carbon–Carbon Bond Cleavage at Allylic Positions: Retro-allylation and Deallylation" *Chem. Rev.* 2021, **121**, 345.