CURRICULUM VITAE

Personal Information

Name:	Ikko Takahashi
Date of Birth:	December 26, 1988
Place of Birth:	Tokushima, Japan
Gender:	Male
Nationality:	Japanese
Present Address:	Advanced Organic Synthesis Research Team RIKEN Center for Sustainable Resource Science Saitama 351-0198, JAPAN
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Education/Career

2011.3	**B.Sc.**, Department of Applied Chemistry, Faculty of Engineering Utsunomiya University, Japan (Assoc. Prof. Masaaki Yoshida)
2013.3	**M.Sc.**, Division of Chemistry, Faculty of Pure and Applied Science University of Tsukuba, Japan (Prof. Junji Ichikawa)
2017.3	**Ph.D. (Science)**, Division of Chemistry, Faculty of Pure and Applied Science University of Tsukuba, Japan (Prof. Junji Ichikawa)
2017.4–2018.4	**Technical Staff**, Interdisciplinary Research Center for Catalytic Chemistry National Institute of Advanced Industrial Science Technology (Dr. Masanori Tamura)
2018.5–2018.10	**Postdoc**, Division of Chemistry, Faculty of Pure and Applied Science University of Tsukuba, Japan (Prof. Junji Ichikawa)
2018.11–2019.3	**Postdoc**, Interdisciplinary Research Center for Catalytic Chemistry National Institute of Advanced Industrial Science Technology (Dr. Nagatoshi Koumura)
2019.4–2022.3	**Postdoc**, Advanced Organic Synthesis Research Team RIKEN Center for Sustainable Resource Science (Dr. Laurean Ilies)
2021.4–Present	**Special Postdoctoral Researcher**, Advanced Organic Synthesis Research Team RIKEN Center for Sustainable Resource Science (Dr. Laurean Ilies)

Fellowship and Grant

2022.4–2025.3 RIKEN Special Postdoctoral Researcher (SPDR) Program [Fellowship]

2022.4–2024.3 JSPS Grant-in-Aid for Early-Career Scientists [Research Grant]

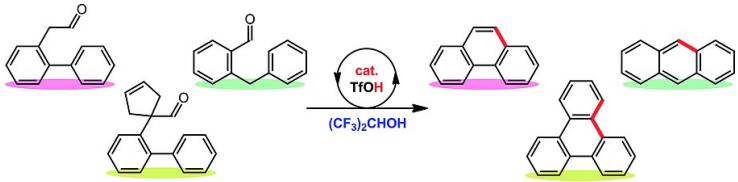
Award

2021 JSPC Award for Excellence (JSPC 2021 Summer Symposium, Japan)

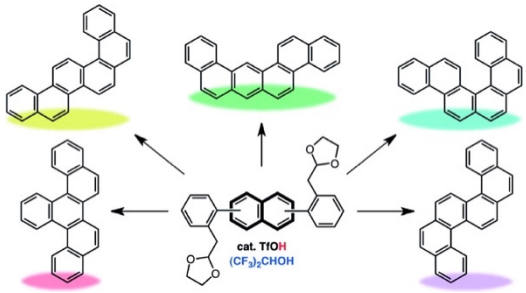
2022 CSRS Incentive Award

Publication List

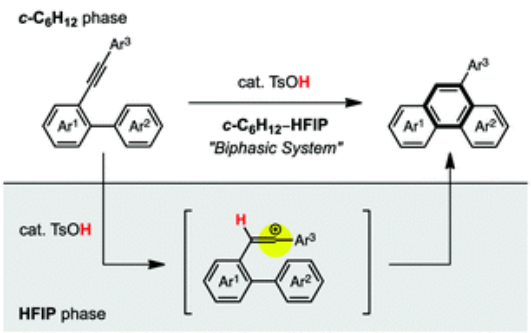
1) T. Fujita, **I. Takahashi**, M. Hayashi, J. Wang, K. Fuchibe, J. Ichikawa*
"Facile Synthesis of Polycyclic Aromatic Hydrocarbons: Brønsted Acid Catalyzed Dehydrative Cycloaromatization of Carbonyl Compounds in 1,1,1,3,3,3-Hexafluoropropan-2-ol"
Eur. J. Org. Chem. **2017**, 262–265. <Selected as *Conference Collections: 22nd ISFC*>



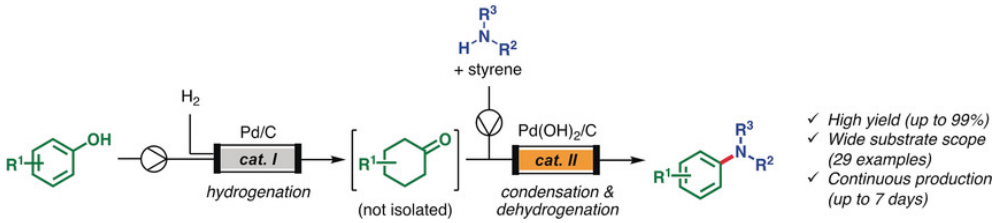
2) **I. Takahashi**, M. Hayashi, T. Fujita, J. Ichikawa*
"Brønsted Acid-Catalyzed Tandem Cycloaromatization of Naphthalene-Based Bisacetals: Selective Synthesis of *ortho*-Fused Six-Hexagon Benzenoids"
Chem. Lett. **2017**, *46*, 392–394.



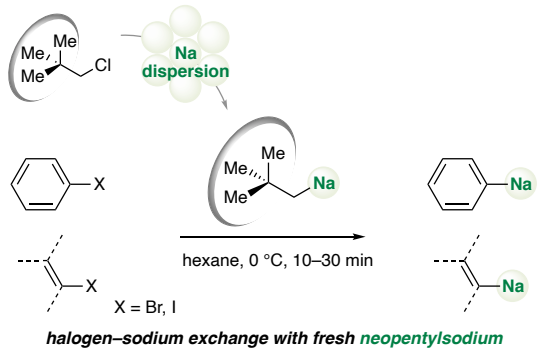
3) **I. Takahashi**, T. Fujita, N. Shoji, J. Ichikawa*
"Brønsted Acid-Catalysed Hydroarylation of Unactivated Alkynes in a Fluoroalcohol –Hydrocarbon Biphasic System: Construction of Phenanthrene Frameworks"
Chem. Commun. **2019**, *55*, 9267–9270. <Selected as *Front Cover*>



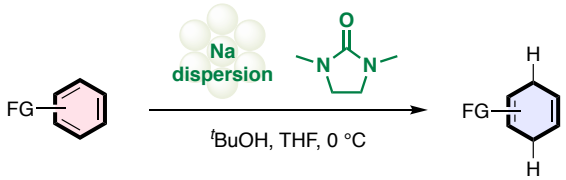
4) T. Ichitsuka,* **I. Takahashi**, N. Koumura,* K. Sato, S. Kobayashi*
"Continuous Synthesis of Aryl Amines from Phenols Utilizing Integrated Packed-Bed Flow Systems"
Angew. Chem. Int. Ed. **2020**, *59*, 15891–15896. <Selected as *Hot Paper*>



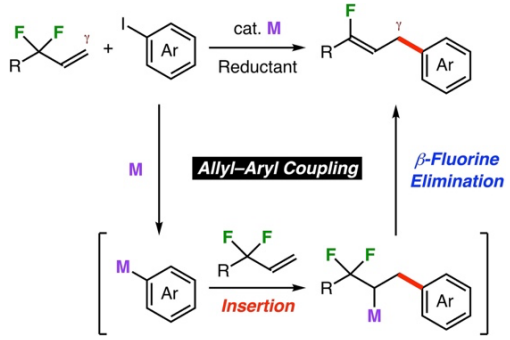
5) S. Asako,* **I. Takahashi**, H. Nakajima, L. Ilies, K. Takai*
"Halogen–Sodium Exchange Enables Efficient Access to Organosodium Compounds"
Commun. Chem. **2021**, *4*, 76. <Highlighted in *Nat. Rev. Chem.*>
ChemRxiv **2020**, preprint. (doi: 10.26434/chemrxiv.12378104)



6) S. Asako,* **I. Takahashi**, T. Kurogi, Y. Murakami, L. Ilies, K. Takai*
"Birch Reduction of Arenes using Sodium Dispersion and DMI under Mild Conditions"
Chem. Lett. **2022**, *51*, 38–40.



7) T. Fujita,* Y. Kobayashi, **I. Takahashi**, R. Morioka, T. Ichitsuka, J. Ichikawa*
"Nickel-Catalyzed Reductive Allyl–Aryl Cross-Electrophile Coupling via Allylic C–F Bond Activation"
Chem. Eur. J. **2022**, *28*, e202103643.



Patent List

1) J. Ichikawa, T. Fujita, **I. Takahashi**,「1,1,1,3,3,3-ヘキサフルオロプロパン-2-オールと脂肪族炭化水素系溶媒を用いた二相系反応媒体」特願 2017-039790
2) J. Ichikawa, T. Fujita, M. Kitajima, **I. Takahashi**,「含フッ素化合物の製造方法」特願 2022-035313