

Publication List

Researcher ID: [D-4198-2009](#)

OCRID: [0000-0002-3896-5882](#)

Scopus Author ID: [7103415328](#)

Sum of the Times Cited: **7948** h-index: **44** (by Scopus)

Representative publications

1. "Ester Transfer Reaction of Aromatic Esters with Haloarenes and Arenols by a Nickel Catalyst"
Isshiki, R.; Inayama, N.; Muto, K.; [Yamaguchi, J.*](#)
ACS Catal. **2020**, *10*, 3490–3494.
1. "Pd-Catalyzed Alkenyl Thioether Synthesis from Thioesters and N-Tosylhydrazones"
Ishitobi, K.; Muto, K.; [Yamaguchi, J.*](#)
ACS Catal. **2019**, *9*, 11685–11690.
2. "Pd-Catalyzed Dearomative Three-Component Reaction of Bromoarenes with Diazo Compounds and Allylborates"
Komatsuda, M.; Kato, H.; Muto, K.*; [Yamaguchi, J.*](#)
ACS Catal. **2019**, *9*, 8991–8995.
3. "Casein kinase 1 family regulates PRR5 and TOC1 in the Arabidopsis circadian clock"
Uehara, T. N.; Mizutani, Y.; Kuwata, K.; Hirota, T.; Sato, A.; Mizoi, J.; Takao, S.; Matsuo, H.; Suzuki, T.; Ito, S.; Saito, A. N.; Nishiwaki Ohkawa, T.; Yamaguchi-Shinozaki, K.; Yoshimura, T.; Kay, S. A.; Itami, K.; Kinoshita, T.; [Yamaguchi, J.*](#); Nakamichi, N.*
Proc Natl Acad Sci USA **2019**, *116*, 11528–11536.
4. "Synthesis of Octaaryl Naphthalenes and Anthracenes with Different Substituents"
Suzuki, S.; Itami, K.*; [Yamaguchi, J.*](#)
Angew. Chem., Int. Ed. **2017**, *56*, 15010–15013.
5. "Cross-coupling of Aromatic Esters and Amides"
Takise, R.; Muto, K.; [Yamaguchi, J.*](#)
Chem. Soc. Rev. **2017**, *46*, 5864–5888 (Review).
6. "Rh-catalyzed Regiodivergent Hydrosilylation of Acyl Aminocyclopropanes Controlled by Monophosphine Ligands"
Kondo, H.; Itami, K.; [Yamaguchi, J.*](#)
Chem. Sci. **2017**, *8*, 3799–3803.
7. "Decarbonylative Diaryl Ether Synthesis by Pd and Ni Catalysis"
Takise, R.; Isshiki, R.; Muto, K.; Itami, K.*; [Yamaguchi, J.*](#)
J. Am. Chem. Soc. **2017**, *139*, 3340–3343.
8. "C–H Arylation and Alkenylation of Imidazoles by Nickel Catalysis: Solvent-accelerated Imidazole C–H Activation"
Muto, K.; Hatakeyama, T.; [Yamaguchi, J.*](#); Itami, K.*
Chem. Sci. **2015**, *6*, 6792–6798.
9. "Decarbonylative Organoboron Cross-coupling of Esters by Nickel Catalysis"
Muto, K.; [Yamaguchi, J.*](#); Musaev, D. G.*; Itami, K.*
Nature Commun **2015**, *6*, 7508.
10. "C–H Activation Generates Period-Shortening Molecules That Target Cryptochrome in the Mammalian Circadian Clock"
Oshima, T.; Yamanaka, I.; Kumar, A.; [Yamaguchi, J.](#); Nishiwaki Ohkawa, T.; Muto, K.; Kawamura, R.; Hirota, T.; Yagita, K.; Irle, S.; Kay, S. A.; Yoshimura, T.*; Itami, K.*
Angew. Chem., Int. Ed. **2015**, *54*, 7193–7197.
11. "Synthesis and Characterization of Hexaarylbenzenes with Five or Six Different Substituents Enabled by Programmed Synthesis"
Suzuki, S.; Segawa, Y.; Itami, K.*; [Yamaguchi, J.*](#)

- Nature Chem.* **2015**, *7*, 227–233.
12. “Concise Syntheses of Dictyodendrins A and F by a Sequential C–H Functionalization Strategy”
Yamaguchi, A. D.; Chepiga, K. M.; Yamaguchi, J.*; Itami, K.*; Davies, H. M. L.
J. Am. Chem. Soc. **2015**, *137*, 644–647.
 13. “Stereodivergent Synthesis of Arylcyclopropylamines by Sequential C–H Borylation and Suzuki–Miyaura Coupling”
Miyamura, S.; Araki, M.; Suzuki, T.; Yamaguchi, J.*; Itami, K.*
Angew. Chem., Int. Ed. **2015**, *54*, 846–851.
 14. “Key Mechanistic Features of the Ni-catalyzed C–H/C–O Biaryl Coupling with Azoles and NaphthalenylPivalates”
Xu, H. Muto, K.; Yamaguchi, J.; Itami, K.*; Musaev, D.G.*
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 15. “ β -Selective C–H Arylation of Pyrroles: Leading to Concise Syntheses of Lamellarins C and I”
Ueda, K.; Amaike, K.; Maceiczky, R. M; Itami, K.*; Yamaguchi, J.*
J. Am. Chem. Soc. **2014**, *136*, 13226–13232.
 16. “Ni-Catalyzed α -Arylation of Ketones with Phenol Derivatives”
Takise, R.; Muto, K.; Yamaguchi, J.*; J. Itami K.*
Angew. Chem., Int. Ed. **2014**, *53*, 6791–6794.
 17. “Aromatic C–H Coupling with Hindered Arylboronic Acids by Pd/Fe Dual Catalysts”
Yamaguchi, K.; Kondo, H.; Yamaguchi, J.*; Itami, K.*
Chem. Sci. **2013**, *4*, 3753–3757.
 18. “Isolation, Structure, and Reactivity of an Arylnickel(II) Pivalate Complex in Catalytic C–H/C–O Biaryl Coupling”
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 19. “C–H Alkenylation of Azoles with Enols and Esters by Nickel Catalysis”
Lingkui, M.; Kamada, Y.; Muto, K.; Yamaguchi, J.*; Itami, K.*
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Chem. Sci. **2013**, *4*, 3753–3757.
 21. “C–H Bond Functionalization: Emerging Synthetic Tools for the Synthesis of Natural Products and Pharmaceuticals”
Yamaguchi J.*; Yamaguchi, A. D.; Itami, K.*
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 22. “Decarbonylative C–H Coupling of Azoles and Aryl Esters: Unprecedented Nickel Catalysis and Application to the Synthesis of Muscoride A”
Amaike, K.; Muto, K.; Yamaguchi, J.*; Itami, K.*
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 23. “Nickel-Catalyzed C–H/C–O Coupling of Azoles with Phenol Derivatives”
Muto, K.; Yamaguchi, J.; Itami, K.*
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 24. “Synthesis of Dragmacidin D via Direct C–H Couplings”
Mandal, D.; Yamaguchi, A. D.; Yamaguchi, J.*; Itami, K.*
J. Am. Chem. Soc. **2011**, *133*, 19660–19663.

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1. “TBA: Plant circadian rhythm”
Uehara, T. N.; Nonoyama, T.; Taki, K.; Kuwata, K.; Sato, A.; Fujimoto, K.J.; Hirota, T.; Matsuo, H.; Ono, A.; Takahara, T. T.; Tsutsui, H.; Suzuki, T.; Higashiyama, T.; Yanai, T.; Kay, S. A.; Itami, K.; Kinoshita, T.; Yamaguchi, J.*; Nakamichi, N.
2020, under revision.
2. “TBA: Machine Learning”

- Fujinami, M.; Maekawara, H.; Isshiki, R.; Seino, J.; Yamaguchi, J.; Nakai, H.*
2020, submitted.
3. "TBA: Synthesis of Multarylarenes"
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2020, to be submitted.
 4. "TBA: Synthesis of Multarylarenes"
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2020, to be submitted.
 5. "TBA: Plant circadian rhythm"
Uehara, T. N.; Yamaguchi, J.*; Nakamichi, N. et al
2020, to be submitted.
 6. "TBA: Plant circadian rhythm"
Takahara, T. T.; Yamaguchi, J.*; Nakamichi, N. et al
2020, to be submitted.
 7. "TBA: Essay"
Narayama, K.; Yamaguchi, J.*
2020, to be submitted.
 8. "TBA: Dearomative transformation"
Kato, H.; Musha, I.; Muto, K.;* Yamaguchi, J.*
2020, to submitted.

Full publications

1. "Pd-Catalyzed C4-Dearylative Allylation of Benzyl Ammoniums with Allylstannanes"
Kayashima, Y.; Komatsuda, M.; Muto, K.;* [Yamaguchi, J.*](#)
ChemRxiv. 2020, Preprint DOI: [10.26434/chemrxiv.12015663](https://doi.org/10.26434/chemrxiv.12015663)
2. "Dearylative Allylation of Aromatic Cyanohydrins by Palladium Catalysis: Catalyst-Enhanced Site-Selectivity"
Yanagumoto, A.; Komatsuda, M.; Muto, K.;* [Yamaguchi, J.*](#)
ChemRxiv. 2020, Preprint DOI: [10.26434/chemrxiv.11961987](https://doi.org/10.26434/chemrxiv.11961987)
3. "Ester Transfer Reaction of Aromatic Esters with Haloarenes and Arenols by a Nickel Catalyst"
Isshiki, R.; Inayama, N.; Muto, K.; [Yamaguchi, J.*](#)
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[Most Read Article \(March, 2020\)](#)
Highlighted in [NikkeiSangyo Shinbun, Chemical Daily](#)
4. " σ -Bond Hydroboration of Cyclopropanes"
Kondo H.; Miyamura, S.; Kobayashi, C.; Arifin, Irle, S.; Itami, K.; Yokogawa, D.; [Yamaguchi, J.*](#)
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5. "Ester Dance Reaction on the Aromatic Ring"
Matsushita, K.; Takise, R.; Muto, K.; [Yamaguchi, J.*](#)
ChemRxiv. 2019, Preprint DOI: [10.26434/chemrxiv.11472264.v1](https://doi.org/10.26434/chemrxiv.11472264.v1)
6. "Asymmetric Synthesis of 5,7-Fused Ring System Enabled by Intramolecular Buchner Reaction with Chiral Rhodium Catalyst"
Hoshi, T.; Ota, E.; Inokuma, Y.; [Yamaguchi, J.*](#)
Org. Lett. 2019, 21, 10081–10084.
7. "Pd-Catalyzed Alkenyl Thioether Synthesis from Thioesters and N-Tosylhydrazones"
Ishitobi, K.; Muto, K.; [Yamaguchi, J.*](#)
ACS Catal. 2019, 9, 11685–11690.
8. "Pd-Catalyzed Dearylative Three-Component Reaction of Bromoarenes with Diazo Compounds and Allylborates"
Komatsuda, M.; Kato, H.; Muto, K.;* [Yamaguchi, J.*](#)
ACS Catal. 2019, 9, 8991–8995.
[Most Read Article \(September 2019\)](#)
9. "Pd-Catalyzed Denitrative Intramolecular C-H Arylation"
Asahara, K. K.; Okita, T.; Saito, A. N. Muto, K.; Nakao, Y.; [Yamaguchi, J.*](#)
Org. Lett. 2019, 21, 4721–4724.
10. "Generation of Strong Casein Kinase 1 Inhibitor of Arabidopsis Thaliana"
Saito, A. N.; Matsuo, H.; Kuwata, K.; Ono, A.; Kinoshita, T.; [Yamaguchi, J.*](#); Nakamichi, N.*
Plant Direct 2019, 3, e00172.
11. "Casein kinase 1 family regulates PRR5 and TOC1 in the Arabidopsis circadian clock"
Uehara, T. N.; Mizutani, Y.; Kuwata, K.; Hirota, T.; Sato, A.; Mizoi, J.; Takao, S.; Matsuo, H.; Suzuki, T.; Ito, S.; Saito, A. N.; Nishiwaki Ohkawa, T.; Yamaguchi-Shinozaki, K.; Yoshimura, T.; Kay, S. A.; Itami, K.; Kinoshita, T.; [Yamaguchi, J.*](#); Nakamichi, N.*
Proc Natl Acad Sci USA 2019, 116, 11528-11536.
[Highlighted in Chunichi Shinbun](#)
12. "Cell-based screen identifies a new potent and highly selective CK2 inhibitor for modulation of circadian rhythms and cancer cell growth"
Oshima, T.; Niwa, Y.; Kuwata, K.; Srivastava, A.; Hyoda, T.; Tsuchiya, Y.; Kumagai, M.; Tsuyuguchi, M.; Tamaru, T.; Sugiyama, A.; Ono, N.; Zolboot, N.; Aikawa, Y.; Oishi, S.; Nonami, A.; Arai, F.; Hagihara, S.; [Yamaguchi, J.](#); Tama, F.; Kunisaki, Y.; Yagita, K.; Ikeda, M.; Kinoshita, T.; Kay, S. A.; Itami, K.; Hirota, T.*
Science Advances 2019, 5, eaau9060.
13. "Studying Abroad Led to New Friendships and New Research Directions"
[Yamaguchi, J.*](#)

- Yakugaku zasshi* 2019, 139, 229–233.**
14. “Pd-Catalyzed Dearomative Allylation of Benzyl Phosphates”
Komatsuda, M. Muto, K.*; [Yamaguchi, J.*](#)
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 15. “Synthesis of A Heptaarylisquinoline: Unusual Disconnection for Constructing Isoquinoline Frameworks”
Asako, T.; Suzuki, S.; Itami, K.; Muto, K.; [Yamaguchi, J.*](#)
***Chem. Lett.* 2018, 47, 968–970.**
Highlighted as an Editor’s Choice
Selected as a Front Cover
 16. “Dibenzofuran Synthesis: Decarbonylative Intramolecular C–H Arylation of Aromatic Esters”
Okita, T.; Komatsuda, M.; Saito, A. N.; Hisada, T.; Takahara, T. T.; Nakayama, K. P.; Isshiki, R.; Takise, R.; Muto, K.; [Yamaguchi, J.*](#)
***Asian J. Org. Chem.* 2018, 7, 1358–1361.**
Invitation to Contribute to a Special Issue: C–H Activation
 17. “Decarbonylative Methylation of Aromatic Esters by a Nickel Catalyst”
Okita, T.; Muto, K.; [Yamaguchi, J.*](#)
***Org. Lett.* 2018, 20, 3132–3135.**
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 18. “Modular Synthesis of Heptaaryllindole”
Suzuki, S.; Asako, T.; Itami, K.; [Yamaguchi, J.*](#)
***Org. Biomol. Chem.* 2018, 16, 3771–3776.**
 19. “Pd-Catalyzed Decarbonylative C–H Coupling of Azoles and Aromatic Esters”
Matsushita, K.; Takise, R.; Hisada, T.; Suzuki, S.; Isshiki, R.; Itami, K.; Muto, K.; [Yamaguchi, J.*](#)
***Chem Asian. J.* 2018, 13, 2393–2396.**
Invitation to Contribute to a Special Issue: Homogeneous Catalysis from Young Investigators in Asia
 20. “Decarbonylative Coupling Reaction of Aromatic Esters”
Isshiki, R.; Okita, T.; Muto, K.; [Yamaguchi, J.*](#)
***J. Synth. Org. Chem. Jpn.* 2018, 76, 300–314.** (Review).
 21. “Decarbonylative Aryl Thioether Synthesis by Ni Catalysis”
Ishitobi, K.; Isshiki, R.; Asahara, K. K.; Lim, C.; Muto, K.; [Yamaguchi, J.*](#)
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 22. “Decarbonylative C–P Bond Formation using Aromatic Esters and Organophosphorus Compounds”
Isshiki R.; Muto, K.; [Yamaguchi, J.*](#)
***Org. Lett.* 2018, 20, 1150–1153.**
 23. “Design, Synthesis and Evaluation of γ -Turn Mimetics as LSD1-Selective Inhibitors”
Ota, Y.; Miyamura, S.; Araki, M.; Itoh, Y.; Yasuda, S.; Masada, M.; Taniguchi, T.; Sowa, Y.; Sakai, T.; Itami, K.; [Yamaguchi, J.*](#); Suzuki, T.*
***Bioorg. Med. Chem.* 2018, 26, 775–785.**
 24. “Synthesis of fully arylated (hetero)arenes by Coupling Reaction”
Asako, T.; Muto, K.; [Yamaguchi, J.*](#)
***J. Synth. Org. Chem. Jpn.* 2018, 76, 98–110** (Review).
 25. “Catalytic α -Arylation of Ketones with Heteroaromatic Esters”
Isshiki, R.; Takise, R.; Itami, K.; Muto, K.; [Yamaguchi, J.*](#)
***Synlett* 2017, 28, 2599–2603.**
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 26. “Synthesis of Octaaryl Naphthalenes and Anthracenes with Different Substituents”
Suzuki, S.; Itami, K.*; [Yamaguchi, J.*](#)
***Angew. Chem., Int. Ed.* 2017, 56, 15010–15013.**
 27. “Cross-coupling of Aromatic Esters and Amides”
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 28. “Thiazole-based Sigma-1 Receptor Ligands: Diversity by Late-stage C–H Arylation of Thiazoles, Structure

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Kokornaczyk, A.; Schepmann, D.; [Yamaguchi, J.](#); Itami, K.; Laurini, E.; Fermeiglia, M.; Pricl, S.; Wünsch, B*
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29. “Theoretical Elucidation of Potential Enantioselectivity in a Pd-Catalyzed Aromatic C-H Coupling Reaction”
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30. “Synthesis of Multiply Arylated Pyridines”
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[Invitation to contribute for a Special Issue in Honor of Professor Ang Li](#)
31. “Rh-Catalyzed Regiodivergent Hydrosilylation of Acyl Aminocyclopropanes Controlled by Monophosphine ligands”
Kondo, H.; Itami, K.; [Yamaguchi, J.](#)*
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32. “Decarbonylative Diaryl Ether Synthesis by Pd and Ni Catalysis”
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33. “Synthesis of Fully Arylated (Hetero)arenes”
Suzuki, S.; [Yamaguchi, J.](#)*
Chem. Commun. **2017**, *53*, 1568–1582. (Review)
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[Most downloaded articles of 2017: Organic and Biological Chemistry](#)
34. “Structure-Activity Relation of AMOR Sugar Molecule that Activates Pollen-Tubes for Ovular Guidance”
Jiao J.; Mizukami, A.G.; Sankaranarayanan, S.; [Yamaguchi, J.](#); Itami, K.; Higashiyama, T.*
Plant Physiol. **2017**, *173*, 354–363.
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35. “Toward an Ideal Synthesis of (Bio)molecules through Direct Arene Assembling Reactions”
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Bull. Chem. Soc. Jpn. **2017**, *90*, 367–383 (Accounts).
[Invited contribution for Award accounts of The Chemical Society of Japan Award for Young Chemists for 2012](#)
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36. “Palladium-Catalyzed Decarbonylative Alkynylation of Aromatic Esters”
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37. “Syntheses of Biologically Active 2-Arylcyclopropylamines”
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38. “Palladium-Catalyzed Decarbonylative Cross-Coupling of Azinecarboxylates with Arylboronic Acids”
Muto, K.; Hatakeyama, T.; Itami, K.*; [Yamaguchi, J.](#)*
Org. Lett. **2016**, *18*, 5106–5109.
39. “C–H Activation Enables Rapid Structure-Activity Relationship Study of Arylcyclopropyl amines for Potent and Selective LSD1 Inhibitors”
Miyamura, S.; Araki, M.; Ota, Y.; Itoh, Y.; Yasuda, S.; Masada, M.; Taniguchi, T.; Sowa, Y.; Sakai, T.; Suzuki, T.*; Itami, K.*; and [Yamaguchi, J.](#)*
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40. “Cyanation of Phenol Derivatives with Aminoacetonitriles by Nickel Catalysis”
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- Org. Lett.** 2016, 18, 4428–4431.
41. “Nickel-Catalyzed Aromatic C–H Functionalization”
Yamaguchi, J.*; Muto, K.; Itami, K.
Top Curr. Chem. 2016, 374, 55 (Review)
 Invited contribution
42. “The AMOR Arabinogalactan Sugar Chain Induces Pollen-Tube Competency to Respond to Ovular Guidance”
 Mizukami, A. G.; Inatsugi, R.; Jiao, J.; Kotake, T.I. Kuwata, K.; Ootani, K.; Okuda, S.; Sankaranarayanan, S.; Sato, Y.; Maruyama, D.; Iwai, H.; Garénaux, E.; Sato, C.; Kitajima, K.; Tsumuraya, Y.; Mori, H.; Yamaguchi, J.; Itami, K.; Sasaki, N.; Higashiya, T.*
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43. “Development and Elucidation of the Ni-Catalyzed Direct Coupling Reaction”
Yamaguchi, J.*; Muto, K.; Itami, K.
Chemical Times 2016, 1–7 (Review).
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44. “Synthesis of Triarylpyridines in Thiopeptide Antibiotics by Using a C–H Arylation/Ring-Transformation Strategy”
 Amaike, K.; Itami, K.; Yamaguchi, J.*
Chem. Eur. J. 2016, 22, 4384–4388.
45. “Microwave-assisted regioselective direct C–H arylation of thiazole derivatives leading to increased σ_1 receptor affinity”
 Kokornaczyk, A.; Schepmann, D.; Yamaguchi, J.; Itami, K.; Wünsch, B.*
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46. “C–H Arylation and Alkenylation of Imidazoles by Nickel Catalysis: Solvent-accelerated Imidazole C–H Activation”
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Chem. Sci. 2015, 6, 6792–6798.
47. “Decarbonylative Organoboron Cross-coupling of Esters by Nickel Catalysis”
 Muto, K.; Yamaguchi, J.*; Musaev, D. G.*; Itami, K.*
Nature Commun 2015, 6, 7508.
 Highlighted in Science Daily, Phys. Org, Nature Communications Highlights Article
48. “C–H Activation Generates Period-Shortening Molecules That Target Cryptochrome in the Mammalian Circadian Clock”
 Oshima, T.; Yamanaka, I.; Kumar, A.; Yamaguchi, J.; Nishiwaki Ohkawa, T.; Muto, K.; Kawamura, R.; Hirota, T.; Yagita, K.; Irle, S.; Kay, S. A.; Yoshimura, T.*; Itami, K.*
Angew. Chem., Int. Ed. 2015, 54, 7193–7197.
 Highlighted in Chunichi Shimbun, Yahoo! News, Zaikei Shimbun, Monolist, Alpha Galileo JP, EurekAlert! JP, Kagaku, ResearchSEA, Alpha Galileo, EurekAlert!, Biology News Net, ScienceNewline, Science Daily, Medical News Today, Press News Org, Deep Stuff, News Medical, Health Medicine Net, Bio Spectrum, Chemisch2Weekblad, Lab Roots, EN-CPhI.CN, Terra Daily, Open Science World, Sleep Review, Asian Scientist. Selected as Cover of the journal.
49. “Synthesis and Characterization of Hexaarylbenzenes with Five or Six Different Substituents Enabled by Programmed Synthesis”
 Suzuki, S.; Segawa, Y.; Itami, K.*; Yamaguchi, J.*
Nature Chem. 2015, 7, 227–233.
 Highlighted in Toyo Keizai, Yahoo! Japan News, Chunichi Shimbun, Asahi Shimbun, Nikkei Shimbun, Nifty News, Nokoniko News, Infoseek News, Nikkei Press News, Science Portal, Japanese Research, JPubb, Mynabi News, Zaikei Shimbun, The Huffington Post, Livedoor News, Bioimpact, Nikkei Biotech, Biglobe News, Ascii, EurekAlert!, ResearchSEA, Science Newline, Phys.Org, Chemicals Technology, Chemistry News, Health Medicine Network, Science Daily, Technobahn, Innovation Reports, Chemistry 2011, RevoScience, Asian Scientist, Kagaku Shimbun, Alpha Galileo, Chemical & Engineering News, Synfacts.
50. “Concise Syntheses of Dictyodendrins A and F by a Sequential C–H Functionalization Strategy”

Yamaguchi, A. D.; Chepiga, K. M.; [Yamaguchi, J.*](#); Itami, K.*; Davies, H. M. L.

J. Am. Chem. Soc. **2015**, *137*, 644–647.

Highlighted in EurekaAlerts!, Phys.Org., ResearchSEA, Science Newline, Science Daily, Breaking New, Health Medicine Network, Bright Surf, Sci Casts, Medical News Today, Emory News Center, Society for Neuroscience.

51. “Synthesis, Affinity and Structure Activity Relationships of Novel, Selective and Dual Targeting CCR2 and CCR5 Receptor Antagonists”
Junker, A.; Kokornaczyk, A. K.; Frehland, B.; Schepmann, D.; [Yamaguchi, J.](#); Itami, K.; Faust, A.; Hermann, S. Wagner, S.; Kopka, K.; Schäfers, M.; Koch, M.; Weiss, C.; Zweemer, A. J. M. Heitman, L. H.; Wünsch, B*
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52. “Ni-Catalyzed α -Arylation of Esters and Amides with Phenol Derivatives”
Koch, E.; Takise, R.; Studer, A.; [Yamaguchi, J.*](#); Itami, K.*
Chem. Commun. **2015**, *51*, 855–857.
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53. “Stereodivergent Synthesis of Arylcyclopropylamines by Sequential C–H Borylation and Suzuki–Miyaura Coupling”
Miyamura, S.; Araki, M.; Suzuki, T.; [Yamaguchi, J.*](#); Itami, K.*
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