

## Publication List

Researcher ID: D-4198-2009 (<http://www.researcherid.com/rid/D-4198-2009>)

OCRID: 0000-0002-3896-5882 (<https://orcid.org/0000-0002-3896-5882>)

Sum of the Times Cited: **6182** h-index: **40**

### Representative publications

1. "Synthesis of Octaaryl Naphthalenes and Anthracenes with Different Substituents"  
Suzuki, S.; Itami, K.\*; Yamaguchi, J.\*  
*Angew. Chem., Int. Ed.* **2017**, *56*, 15010-15013.
2. "Cross-coupling of Aromatic Esters and Amides"  
Takise, R.; Muto, K.; Yamaguchi, J.\*  
*Chem. Soc. Rev.* **2017**, *46*, 5864-5888 (Review).
3. "Rh-catalyzed Regiodivergent Hydrosilylation of Acyl Aminocyclopropanes Controlled by Monophosphine Ligands"  
Kondo, H.; Itami, K.; Yamaguchi, J.\*  
*Chem. Sci.* **2017**, *8*, 3799-3803.
4. "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.
5. "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.
6. "Decarbonylative Organoboron Cross-coupling of Esters by Nickel Catalysis"  
Muto, K.; Yamaguchi, J.\*; Musaev, D. G.\*; Itami, K.\*  
*Nature Commun* **2015**, *6*, 7508.
7. "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.
8. "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.
9. "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.
10. "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.
11. "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.\*  
*J. Am. Chem. Soc.* **2014**, *136*, 14834-14844.
12. "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.
13. "Ni-Catalyzed α-Arylation of Ketones with Phenol Derivatives"  
Takise, R.; Muto, K.; Yamaguchi, J.\*; Itami, K.\*  
*Angew. Chem., Int. Ed.* **2014**, *53*, 6791-6794.

14. "Aromatic C–H Coupling with Hindered Arylboronic Acids by Pd/Fe Dual Catalysts"  
Yamaguchi, K.; Kondo, H.; Yamaguchi, J.\*; Itami, K.\*  
*Chem. Sci.* **2013**, 3753–3757.
15. "Isolation, Structure, and Reactivity of an Arylnickel(II) Pivalate Complex in Catalytic C–H/C–O Biaryl Coupling"  
Muto, K.; Yamaguchi, J.\*; Lei, A.\*; Itami, K.\*  
*J. Am. Chem. Soc.* **2013**, *135*, 16384–16387.
16. "C–H Alkenylation of Azoles with Enols and Esters by Nickel Catalysis"  
Lingkui, M.; Kamada, Y.; Muto, K.; Yamaguchi, J.\*; Itami, K.\*  
*Angew. Chem., Int. Ed.* **2013**, *52*, 38, 10048–10051.
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**, 3753–3757.
18. "C–H Bond Functionalization: Emerging Synthetic Tools for the Synthesis of Natural Products and Pharmaceuticals"  
Yamaguchi, J.;\* Yamaguchi, A. D.; Itami, K.\*  
*Angew. Chem., Int. Ed.* **2012**, *51*, 8960–9009 (Review).
19. "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.\*  
*J. Am. Chem. Soc.* **2012**, *134*, 13573–13576.
20. "Nickel-Catalyzed C–H/C–O Coupling of Azoles with Phenol Derivatives"  
Muto, K.; Yamaguchi, J.; Itami, K.\*  
*J. Am. Chem. Soc.* **2012**, *134*, 169–172.
21. "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.

### Under revision, submitted and to be submitted

1. "TBA: C–C Bond Activation"  
Kondo, H.; Miyamura, S.; Kobayashi, C.; Arifin; Irle, S.; Itami, K. Yokogawa, D.\* Yamaguchi, J.\*  
**2018**, to be submitted.
2. "TBA: Mammalian Circadian Modulator" 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.  
**2018**, submitted.
3. "TBA: Plant Circadian Modulator"  
Uehara, T. N.; Mizutani, Y.; Kuwata, K.; Hirota, T.; Sato, A.; Takao, S.; Matsuo, H.; Nishiwaki-Ohkawa, T.; Yoshimura, T.; Kay, S.; Itami, K.; Kinoshita, T.; Yamaguchi, J.\*; Nakamichi, N.\*  
**2018**, submitted.

**Full publications**

1. "Pd-Catalyzed Dearomative Allylation of Benzyl Phosphates"  
Komatsuda, M. Muto, K.\*; [Yamaguchi, J.\\*](#)  
**Org. Lett.** **2018**, *20*, 4354-4357.
2. "Synthesis of A Heptaarylisoquinoline: Unusual Disconnection for Constructing Isoquinoline Frameworks"  
Asako, T.; Suzuki, S.; Itami, K.; Muto, K.; [Yamaguchi, J.\\*](#)  
**Chem. Lett.** **2018**, *2018*, *47*, 968-970.  
Highlighted as an Editor's Choice  
Selected as a Front Cover
3. "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
4. "Decarbonylative Methylation of Aromatic Esters by a Nickel Catalyst"  
Okita, T.; Muto, K.; [Yamaguchi, J.\\*](#)  
**Org. Lett.** **2018**, *20*, 3132-3135.
5. "Modular Synthesis of Heptaarylindole"  
Suzuki, S.; Asako, T.; Itami, K.; [Yamaguchi, J.\\*](#)  
**Org. Biomol. Chem.** **2018**, *16*, 3771-3776.
6. "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**, Early View DOI: [10.1002/asia.201800478](https://doi.org/10.1002/asia.201800478)  
Invitation to Contribute to a Special Issue: Homogeneous Catalysis from Young Investigators in Asia
7. "Decarbonylative Coupling Reaction of Aromatic Esters"  
Isshiki, R.; Okita, T.; Muto, K.; [Yamaguchi, J.\\*](#)  
**J. Synth. Org. Chem. Jpn.** **2018**, *76*, 300-314. (Review).
8. "Decarbonylative Aryl Thioether Synthesis by Ni Catalysis"  
Ishitobi, K.; Isshiki, R.; Asahara, K. K.; Lim, C.; Muto, K.; [Yamaguchi, J.\\*](#)  
**Chem. Lett.** **2018**, *47*, 756-759.
9. "Decarbonylative C-P Bond Formation using Aromatic Esters and Organophosphorus Compounds"  
Isshiki R.; Muto, K.; [Yamaguchi, J.\\*](#)  
**Org. Lett.** **2018**, *20*, 1150-1153.
10. "Design, Synthesis and Evaluation of  $\gamma$ -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.
11. "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).
12. "Catalytic  $\alpha$ -Arylation of Ketones with Heteroaromatic Esters"  
Isshiki, R.; Takise, R.; Itami, K.; Muto, K.; [Yamaguchi, J.\\*](#)  
**Synlett** **2017**, *28*, 2599-2603 (Invited contribution).  
Published as part of the Cluster C-O Activation
13. "Synthesis of Octaaryl Naphthalenes and Anthracenes with Different Substituents"  
Suzuki, S.; Itami, K.\*; [Yamaguchi, J.\\*](#)  
**Angew. Chem., Int. Ed.** **2017**, *56*, 15010-15013.
14. "Cross-coupling of Aromatic Esters and Amides"  
Takise, R.; Muto, K.; [Yamaguchi, J.\\*](#)  
**Chem. Soc. Rev.** **2017**, *46*, 5864-5888 (Review).  
Highlighted as an Inside Backcover
15. "Thiazole-based sigma-1 receptor ligands: Diversity by late-stage C-H arylation of thiazoles, structure affinity and selectivity relationships and molecular interactions"

- Kokornaczyk, A.; Schepmann, D.; [Yamaguchi, J.](#); Itami, K.; Laurini, E.; Fermeiglia, M.; Pricl, S.; Wünsch, B\*  
**ChemMedChem** **2017**, *12*, 1070–1080.
16. “Theoretical Elucidation of Potential Enantioselectivity in a Pd-Catalyzed Aromatic C-H Coupling Reaction”  
Nishimoto, Y.; Kondo, H.; Yamaguchi, K.; Yokogawa, D.; [Yamaguchi, J.](#); Itami, K.; Irle, S\*  
**J. Org. Chem.** **2017**, *82*, 4900–4906.
17. “Synthesis of Multiply Arylated Pyridines”  
Asako, T.; Hayashi, W.; Suzuki, S.; Amaike, K.; Itami, K.; Muto, K.; [Yamaguchi, J.](#)\*  
**Tetrahedron** **2017**, *73*, 3669–3676 (Invited contribution).
18. “Rh-catalyzed regiodivergent hydrosilylation of acyl aminocyclopropanes controlled by monophosphine ligands”  
Kondo, H.; Itami, K.; [Yamaguchi, J.](#)\*  
**Chem. Sci.** **2017**, *8*, 3799–3803.
19. “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.  
Most Read Article (March, 2017)  
Highlighted in Chemical Daily, Nikkei-sangyo Shinbun, Phys.org, c2W, Science Daily, Chem-Station
20. “Synthesis of Fully Arylated (Hetero)arenes”  
Suzuki, S.; [Yamaguchi, J.](#)\*  
**Chem. Commun.** **2017**, *53*, 1568–1582 (Invited contribution, Review).
21. “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 (Invited contribution).
22. “Toward an Ideal Synthesis of (Bio)molecules through Direct Arene Assembling Reactions”  
[Yamaguchi, J.](#)\*; Itami, K.\*  
**Bull. Chem. Soc. Jpn.** **2017**, *90*, 367–383 (Invited contribution, Award accounts).  
The Chemical Society of Japan Award for Young Chemists for 2012  
Selected As Back Cover Picture  
Most Read Article (December, 2016)
23. “Palladium-Catalyzed Decarbonylative Alkynylation of Aromatic Esters”  
Okita, T.; Kumazawa, K.; Takise, R.; Muto, K.; Itami, K.\*; [Yamaguchi, J.](#)\*  
**Chem Lett.** **2017**, *46*, 218–220.  
Most Read Article (November–December, 2016)
24. “Syntheses of Biologically Active 2-Arylcyclopropylamines”  
Miyamura, S.; Itami, K.; [Yamaguchi, J.](#)\*  
**Synthesis** **2017**, *49*, 1131–1149 (Review).  
Highlighted as a Front Cover
25. “Palladium-Catalyzed Decarbonylative Cross-Coupling of Azinecarboxylates with Arylboronic Acids”  
Muto, K.; Hatakeyama, T.; Itami, K.\*; [Yamaguchi, J.](#)\*  
**Org. Lett.** **2016**, *18*, 5106–5109.
26. “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.](#)\*  
**Org. Biomol. Chem.** **2016**, *14*, 8576–8585.  
Editors Choice (December, 2016).
27. “Cyanation of Phenol Derivatives with Aminoacetonitriles by Nickel Catalysis”  
Takise, R.; Itami, K.\*; [Yamaguchi, J.](#)\*  
**Org. Lett.** **2016**, *18*, 4428–4431.
28. “Nickel-Catalyzed Aromatic C–H Functionalization”  
[Yamaguchi, J.](#)\*; Muto, K.; Itami, K.  
**Top Curr. Chem.** **2016**, *374*, 55 (Invited contribution, Review).
29. “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.\*

***Current Biology* 2016, 26, 1091–1097.**

Highlighted in [Chunichi Shimbun](#), [Asahi Shinbun](#), [Nikkei Shinbun](#), [Saga Shinbun](#), [EurekAlert!](#), [Kyodo Tsushin](#), [goo News](#), [Gunosy](#), [Chem-Station](#)

30. “Development and Elucidation of the Ni-Catalyzed Direct Coupling Reaction”

[Yamaguchi, J.\\*](#); Muto, K.; Itami, K.

***Chemical Times* 2016, 1–7 (Invited contribution, Review).**

31. “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.**

32. “Microwave-assisted regioselective direct C–H arylation of thiazole derivatives leading to increased  $\sigma_1$  receptor affinity”

Kokornaczyk, A.; Schepmann, D.; [Yamaguchi, J.](#); Itami, K.; Wünsch, B.\*

***Med. Chem. Commun.* 2016, 7, 327–331.**

33. “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.**

34. “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](#)

35. “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.\*

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36. “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](#).

37. “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.

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38. “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.\*  
*Org. Biomol. Chem.* **2015**, *13*, 2407–2422.
39. “Ni-Catalyzed  $\alpha$ -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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40. “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.
41. “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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42. “ $\beta$ -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.  
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43. “Regioselective Allylic C–H Oxidation of Terminal Alkenes with Pd/sulfoxide-oxazoline Catalyst”  
Kondo, H.; Yu, F.; [Yamaguchi, J.](#); Liu, G.\*; Itami, K.\*  
*Org. Lett.* **2014**, *16*, 4212–4215.
44. “Ni-Catalyzed  $\alpha$ -Arylation of Ketones with Phenol Derivatives”  
Takise, R.; Muto, K.; [Yamaguchi, J.](#)\*; Itami, K.\*  
*Angew. Chem., Int. Ed.* **2014**, *53*, 6791–6794.  
[Highlighted in BBC News](#), [Chemistry Views](#), [Phys.Org.](#), [Science Daily](#), [Science Newline](#), [R&D Magazine](#), [The Chemical Daily](#), [Kagaku Shimbun](#), [Gendai Kagaku](#), [Chemical Processing](#), [Optronics Online](#), [Wiley Science Café](#), [EurekAlert!](#), [Science Codex](#), [Breaking News](#), [Medindia](#), [ResearchSEA](#), [Innovations Report](#), [Crazy Chucks](#), [News nom](#), [News Locker](#), [USA News](#), [Bio-Medicine](#), [e! Science News](#), [Technobahn](#), [Brunch News](#), [Interesting Tech](#), [Press News](#), [Chemistry 2011.org](#), [Health Medicine Network](#), [BioPortfolio](#), [News Dump](#), [Regator](#), [Coyne Chemical](#), [topix](#), [Business News](#), [Interceder](#), [Nets247](#), [I4U News](#), [Jersey Tribune](#), [Health News](#), [Red Orbit](#), [Medicininfos](#), [Medic finder](#), [Locker Dome](#), [Chemistry Times](#).
45. “2,4- and 2,5-Disubstituted Arylthiazoles: Rapid Synthesis by C–H Coupling and Biological Evaluation”  
Lohrey, L.; Uehara, T. N.; Tani, S.; [Yamaguchi, J.](#)\*; Humpf, H.-U.\*; Itami, K.\*  
*Eur. J. Org. Chem.* **2014**, 3387–3394.
46. “Manganese-Catalyzed Intermolecular C–H/C–H Coupling of Carbonyls and Heteroarenes”  
Hattori, K.; Ziadi, A.; Itami, K.; [Yamaguchi, J.](#)\*  
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47. “Late-Stage C–H Coupling Enables Rapid Identification of HDAC Inhibitors: Synthesis and Evaluation of NCH-31 Analogues”  
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*ACS. Med. Chem. Lett.* **2014**, 582–586.  
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48. “Diverse Modification of the 4-Methylphenyl Moiety of TAK-779 by Late-Stage Suzuki–Miyaura Cross-Coupling”  
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49. “Programmed Synthesis of Arylthiazoles through Sequential C–H Couplings”

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50. "Isolation, Structure, and Reactivity of an Arylnickel(II) Pivalate Complex in Catalytic C–H/C–O Biaryl Coupling"  
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