

Publication

- 1 Characterization of sorbitan surfactant-based vesicles at the molecular scale using NMR: Effect of acyl chain length vs. phospholipid composition
Hayashi, K. Iwai, H.; **Kamei, T.**; Kato, A.; Murata, Y.; Nakamura, H.; Umakoshi, H.
Colloids Surf. B. β.
- 2 Rh-catalyzed 1,4-addition of triallyl(aryl)silanes to α,β -unsaturated carbonyl compounds
Kamei, T.; Uryu, M.; Shimada, T.
Tetrahedron Lett. **2016**, *57*, 1622.
- 3 Surface Functionalization of Silica by Si-H Activation of Hydrosilanes
Moitra, N.; Ichii, S.; **Kamei, T.**; Kanamori, K.; Zhu, Y.; Takeda, K.; Nakanishi, K.; Shimada, T.
J. Am Chem. Soc. **2014**, *136*, 11570.
- 4 Metal-free halogenation of arylboronate with N-halosuccinimide
Kamei, T.; Ishibashi, A.; Shimada, T.
Tetrahedron Lett. **2014**, *55*, 4245.
- 5 A new hierarchically porous Pd@HSQ monolithic catalyst for Mizoroki-Heck cross-coupling reaction
Moitra, N.; Matsushima, A.; **Kamei, T.**; Kanamori, K.; Ikuhara, Y. H.; Gao, X.; Takeda, K.; Yang, Z.; Nakanishi, K.; Shimada, T.
New J. Chem. **2014**, *38*, 1144.
- 6 Iodination of binaphthyl compounds and their application,
Kamei, T.; Sako, M.; Shimada, T.
SIS Letters, **2013**, *14*, 2-11.
- 7 Recyclable Functionalization of Silica with Alcohols via Dehydrogenative Addition on Hydrogen Silsesquioxane
Moitra, N.; **Kamei, T.**; Kanamori, K.; Nakanishi, K.; Takeda, K.; Shimada, T.
Langmuir, **2013**, *29*, 12243. (selected as cover picture)
- 8 Scandium triflate-catalyzed 6,6'-diiodination of 2,2'-dimethoxy-1,1'-binaphthyl with 1,3-diiido-5,5-dimethylhydantoin
Kamei, T.; Shibaguchi, H.; Sako, M.; Toribatake, K. Shimada, T.
Tetrahedron Lett. **2012**, *53*, 3894-3896.
- 9 Generation of pyridyl coordinated organosilicon cation pool by oxidative Si-Si bond dissociation.
Nokami, T.; Soma, R.; Yamamoto Y.; **Kamei, T.**; Itami, K.; Yoshida, J.
Beilstein J. Org. Chem. **2007**, *3*, 7.
- 10 Palladium-catalyzed cross-coupling reactions of (2-pyridyl)allyldimethylsilanes with aryl iodides
Nokami, T.; Tomida, Y.; **Kamei, T.**; Itami, K.; Yoshida, J.
Org. Lett. **2006**, *8*, 729.
- 11 Copper-Catalyzed Allylation of Carbonyl Derivatives Using Allyl(2-pyridyl)silane

- Kamei, T.**; Itami, K.; Fujita, K.; Yoshida, J.
Org. Lett. **2005**, *7*, 4725-4728.
- 12 Catalytic Carbometalation/Cross-Coupling Sequence across Alkynyl(2-pyridyl)silanes Leading to a Diversity-Oriented Synthesis of Tamoxifen-type Tetrasubstituted Olefins
Kamei, T.; Itami, K.; Yoshida, J. *Adv. Synth. Catal.* **2004**, *346*, 1824.
- 13 Diversity-Oriented Synthesis of Tamoxifen-type Tetrasubstituted Olefins
Itami, K.; **Kamei, T.**; Yoshida, J.
J. Am. Chem. Soc. **2003**, *125*, 14670.
- 14 Pyridylsilyl group-driven cross coupling reactions
Itami, K.; Mitsudo, K.; Nokami, T.; **Kamei, T.**; Koike, T.; Yoshida, J.
J. Organomet. Chem. **2002**, *653*, 105.
- 15 AgOAc-Catalyzed Aldehyde Allylation Using Allyl(2-pyridyl)silane
Itami, K.; **Kamei, T.**; Mineno, M.; Yoshida, J.
Chem. Lett. **2002**, 1084.
- 16 A General and Straightforward Route toward Diarylmethanes. Integrated Cross-Coupling Reactions Using (2-Pyridyl)silylmethylstannane as an Air-Stable, Storable, and Versatile Coupling Platform
Itami, K.; Mineno, M.; **Kamei, T.**; Yoshida, J.
Org. Lett. **2002**, *4*, 3635.
- 17 Diversity-Oriented Synthesis of Multisubstituted Olefins through the Sequential Integration of Palladium-Catalyzed Cross-Coupling Reactions. 2-Pyridyldimethyl(vinyl)silane as a Versatile Platform for Olefin Synthesis
Itami, K.; Nokami, T.; Ishimura, Y.; Mitsudo, K.; **Kamei, T.**; Yoshida, J.
J. Am. Chem. Soc. **2001**, *123*, 11577.
- 18 Unusually Accelerated Silylmethyl Transfer from tin in Stille Coupling: Implication of Coordination-Driven Transmetalation,
Itami, K.; **Kamei, T.**; Yoshida, J.
J. Am. Chem. Soc. **2001**, *123*, 8773.
- 19 Pyridyl Group Assisted Deprotonation of a Methyl Group on Silicon: Complex Induced Proximity Effect and Novel Hydroxymethylation,
Itami, K.; **Kamei, T.**; Mitsudo, K.; Nokami, T.; Yoshida, J.
J. Org. Chem. **2001**, *66*, 3970.
- 20 Highly Efficient Carbopalladation Across Vinylsilane: Dual Role of the 2-PyMe₂Si Group as a Directing Group and as a Phase Tag
Itami, K.; Mitsudo, K.; **Kamei, T.**; Koike, T.; Nokami, T.; Yoshida, J.
J. Am. Chem. Soc. **2000**, *122*, 12013.
- 1 Metal-catalyzed/mediated aromatic C-H bond trifluoromethylation.

Kamei T.

J. Synth. Org. Chem, Jpn. **2012**, *70*, 756.