

ASI 侯有機金属化学研究室

誌 上 発 表 Publications

[雑誌]

(原著論文) * 印は査読制度がある論文誌

- Li S., Cheng J., Chen Y., Nishiura M., and Hou Z.: "Rare earth metal boryl complexes: synthesis, structure, and insertion of a carbodiimide and carbon monoxide", *Angew. Chem. Int. Ed.* **50**, No. 28, pp. 6360–6363 (2011). *
- Oyamada J., Nishiura M., and Hou Z.: "Scandium-catalyzed silylation of aromatic C-H bonds", *Angew. Chem. Int. Ed.* **50**, No. 45, pp. 10720–10723 (2011). *
- Pan L., Zhang K., Nishiura M., and Hou Z.: "Chain-shuttling polymerization at two different scandium sites: regio- and stereospecific "one-pot" block copolymerization of styrene, isoprene, and butadiene", *Angew. Chem. Int. Ed.* **50**, No. 50, pp. 12012–12015 (2011). *
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- Peng T., Yang Y., Liu Y., Ma D., Hou Z., and Wang Y.: "A phosphorescent material with high and balanced carrier mobility for efficient OLEDs", *Chem. Commun.* **47**, 3150–3152 (2011). *
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- Zhang W., Wang Z., Nishiura M., Xi Z., and Hou Z.: "Ln₄(CH₂)₄ cubane-type rare-earth methylidene complexes consisting of "(C₅Me₄SiMe₃)LnCH₂" units (Ln=Tm,Ln)", *J. Am. Chem. Soc.* **133**, 5712–5715 (2011). *
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Guo F., Nishiura M., Koshino H., and Hou Z.: "Cyclotrimerization of 1,6-heptadiene with ethylene and styrene catalyzed by a thf-free half-sandwich scandium complex", *Macromolecules* **44**, No. 8, pp. 2400–2403 (2011). *

Guo F., Nishiura M., Koshino H., and Hou Z.: "Scandium-catalyzed cyclocopolymerization of 1,5-hexadiene with styrene and ethylene: efficient synthesis of cyclopolyolefins containing syndiotactic styrene-styrene sequences and methylene-1,3-cyclopentane units", *Macromolecules* **44**, 6335–6344 (2011). *

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- (国内会議)
- 郭方, 西浦正芳, 越野広雪, 侯召民: "Scandium-catalyzed cycloterpolymerization of 1,6-heptadiene with ethylene and styrene", 第 60 回高分子学会年次大会, (社団法人 高分子学会), 大阪, 5 月 (2011).
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- 山本敦, 若槻康雄, 西浦正芳, 侯召民: "ハーフサンドイッチ型スカンジウム触媒によるエチレンとブタジエンの共重合", 第 60 回高分子学会年次大会, (社団法人 高分子学会), 大阪, 5 月 (2011).
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- 川合大輔, 島隆則, 西浦正芳, 侯召民: "Synthesis and reactivity of Lu/Ru heterobimetallic dihydride complexes", 第 58 回有機金属化学討論会, (The Kinki Chemical Society), 名古屋, 9 月 (2011).
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