

田中康隆

(1) 原著論文

1. Nobuhisa Ozaki, Arigala Uma Ravi Sankar, Mitsuji Yamashita, Takashi Aoki, Yasutaka Tanaka, Motohiko Kimura, Mitsuo Toda, Michio Fujie, Yasuo Takehara, and Harumi Sakahara, "Synthesis, In vitro and In vivo studies of Gd-DTPA-XDA-D1-Glc(OH) complex as a new Potential MRI Contrast Agent", *Bioorganic & Medicinal Chemistry Letters*, 20(3), 932-934 (2010).
2. M. W. Cooke, G.S. Hanan, F. Loiseau, S. Campanga, M. Watanabe, Y. Tanaka, "Self-Assembled Light-Harvesting Systems: Ru(II) Complexes Assembled about Rh-Rh Cores," *J. Am. Chem. Soc.* 129 (34), 10479-10488, 2007

戸田三津夫

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2. Matsumoto, Kiyoshi; Toda, Mitsuo; Iida, Hirokazu; Hiroshi. Is there any effect of pressure on metal cation extraction properties of 7,13-bis (2'-thiazoyl)-1,4,10-trioxa-7,13-diaza-cyclopentadecane? *Heterocyclic Communications* (2007), 13(5), 326.
3. Matsumoto, Kiyoshi; Toda, Mitsuo; Iida, Hirokazu; Hamana, Hiroshi; Kakehi, Akikazu. X-ray structures and molecular orbital calculations of 6-phosphapentacyclo- [6.3.1.0^{2,4}.0^{3,7}.0^{5,10}] dodecane 6-oxides. *Heterocyclic Communications* (2007), 13(4), 199-202.
4. Matsumoto, Kiyoshi; Toda, Mitsuo; Iida, Hirokazu; Hamana, Hiroshi. Is there any effect of pressure on metal cation extraction properties of 7,13-bis (2'-thiazoyl)-1,4,10-trioxa-7,13-diaza-cyclopentadecane? *Heterocyclic Communications* (2007), 13(1), 13-16.

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**がんを安全・高感度で鮮明に画像化できる
ナノサイズシュガーボールデンドリマー型
新規MRI造影剤の開発研究**

(H19-ナノ-一般-015)

総括研究報告書

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