

Umeda Rui

List of Publications (2001-2005)

1. Vinylidene to Alkyne Rearrangement to Form Polyynes: Synthesis and Photolysis of Dialkynylmethylenebicyclo[4.3.1]deca-1,3,5-triene Derivatives, Yoshito Tobe, Naruihito Iwasa, Rui Umeda, and Motohiro Sonoda, *Tetrahedron Lett.* **2001**, 42 (32), 5485–5488.
2. Synthesis and Facile Rearrangement of 10,10-Dicarbonyl-substituted [4.3.1]Propellane Derivatives, Yoshito Tobe, Takuji Kusumoto, Shiho Minakata, Rui Umeda, Motohiro Sonoda, and Koichiro Naemura, *Chem. Lett.* **2003**, 32 (4), 398–399.
3. Expanded Radialenes with Bicyclo[4.3.1]decatriene Units: New Precursors to Cyclo[*n*]carbon, Yoshito Tobe, Rui Umeda, Naruihito Iwasa, and Motohiro Sonoda, *Chem. Eur. J.* **2003**, 9 (22), 5549–5559.
4. Size-Selective Formation of C₇₈ Fullerene from a Three-Dimensional Polyynes Precursor, Yoshito Tobe, Rui Umeda, Motohiro Sonoda, and Tomonari Wakabayashi, *Chem. Eur. J.* **2005**, 11 (5), 1603–1609.
5. Gas Phase Generation of Highly Reactive Hexatriyne-Bridged [6_{*n*}]Paracyclophynes, Rui Umeda, Takayoshi Morinaka, Motohiro Sonoda, and Yoshito Tobe, *J. Org. Chem.* **2005**, 70 (15), 6133–6136.
6. Approaches to Size-Selective Formation of Fullerenes by Cyclization of Highly Reactive Polyynes Chains, Rui Umeda, Motohiro Sonoda, Tomonari Wakabayashi, and Yoshito Tobe, *Chem. Lett.* **2005**, 34 (12), 1574–1579.