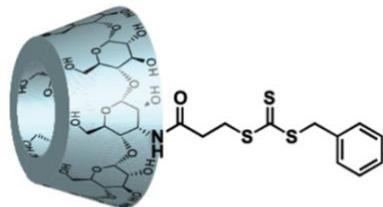


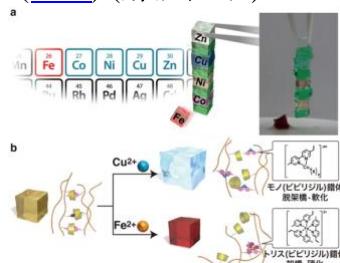
List of publications (Postdoctoral fellow, Prof. Akira Harada's group, Osaka University)

13. “Radical Polymerization by Supramolecular Catalyst: Cyclodextrin with a RAFT Reagent”  
Kohei Koyanagi, Yoshinori Takashima, Takashi Nakamura, Hiroyasu Yamaguchi, Akira Harada.  
*Beilstein J. Org. Chem.*, 12, 2495–2502 (2016). ([Link](#))



$\alpha$ -CD-CTA

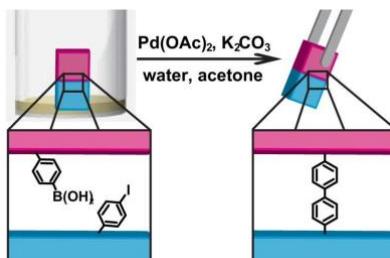
12. “イオンの有無で分子認識に基づく接着を制御する機能性ゲルの開発”  
中村 貴志、原田 明  
*工業材料*, 63(6), 51–55 (2015). ([Link](#)) (解説記事)



11. “Adhesion between Semihard Polymer Materials Containing Cyclodextrin and Adamantane Based on Host–Guest Interactions”  
Takahiro Kakuta, Yoshinori Takashima, Takaaki Sano, Takashi Nakamura, Yuichiro Kobayashi, Hiroyasu Yamaguchi, Akira Harada.  
*Macromolecules*, 48, 732–738 (2015). ([Link](#))



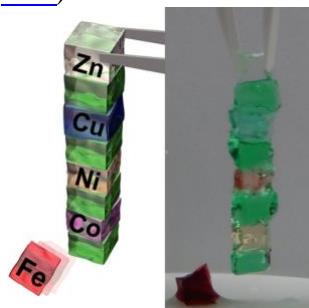
10. “A Macroscopic Reaction: Direct Covalent Bond Formation between Materials Using a Suzuki-Miyaura Cross-Coupling Reaction”  
Tomoko Sekine, Takahiro Kakuta, Takashi Nakamura, Yuichiro Kobayashi, Yoshinori Takashima, Akira Harada.  
*Sci. Rep.*, 4, 6348 (2014). ([Link](#))



– Publication list as a postdoctoral fellow and a graduate student–

Takashi Nakamura

9. “A Metal–Ion-Responsive Adhesive Material via Switching of Molecular Recognition Properties”  
Takashi Nakamura, Yoshinori Takashima, Akihito Hashidzume, Hiroyasu Yamaguchi, Akira Harada.  
*Nature Commun.*, 5, 4622 (2014). ([Link](#))

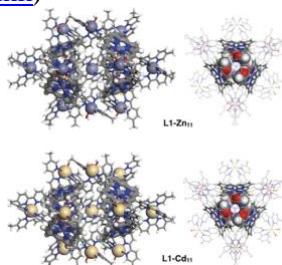


**List of publications (Doctoral and master's courses, Prof. Mitsuhiro Shionoya's group, the University of Tokyo)**

8. “Self-Assembled Porphyrin-Based Cage Complexes,  $M_{11}L_6$  ( $M = Zn^{II}$ ,  $Cd^{II}$ ), with Inner Coordination Sites in Their Crystal Structure”

Fumiya Iizuka, Hitoshi Ube, Hiroyasu Sato, Takashi Nakamura, Mitsuhiro Shionoya.

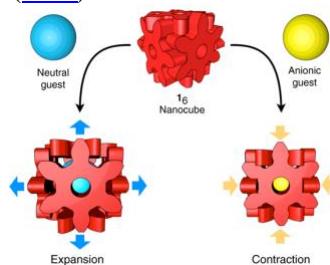
*Chem. Lett.*, 49, 323–326 (2020). ([Link](#))



7. “Induced-Fit Expansion and Contraction of a Self-Assembled Nanocube Finely Responding to Neutral and Anionic Guests”

Yi-Yang Zhan, Tatsuo Kojima, Takashi Nakamura, Toshihiro Takahashi, Satoshi Takahashi, Yohei Haketa, Yoshiaki Shoji, Hiromitsu Maeda, Takanori Fukushima, Shuichi Hiraoka.

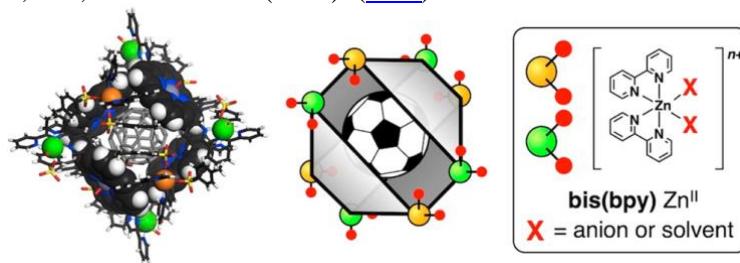
*Nature Commun.*, 9, 4530 (2018). ([Link](#))



6. “A  $C_{60}$ -Templated Tetrameric Porphyrin Barrel Complex via Zinc-Mediated Self-Assembly Utilizing Labile Capping Ligands”

Takashi Nakamura, Hitoshi Ube, Ryosuke Miyake, Mitsuhiro Shionoya.

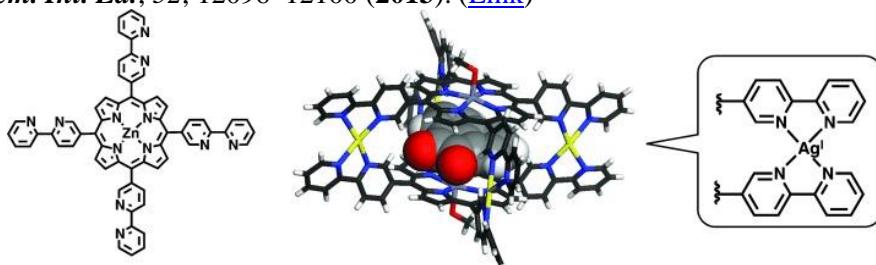
*J. Am. Chem. Soc.*, 135, 18790–18793 (2013). ([Link](#))



5. “Silver-Mediated Formation of a Cofacial Porphyrin Dimer with the Ability to Intercalate Aromatic Molecules”

Takashi Nakamura, Hitoshi Ube, Mitsuhiro Shionoya.

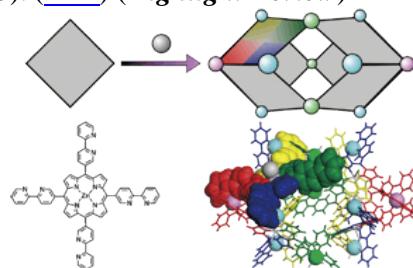
*Angew. Chem. Int. Ed.*, 52, 12096–12100 (2013). ([Link](#))



4. “Elaborate Metallosupramolecular Architectures through Desymmetrization Self-assembly of Symmetric Building Blocks”

Takashi Nakamura, Hitoshi Ube, Mitsuhiro Shionoya.

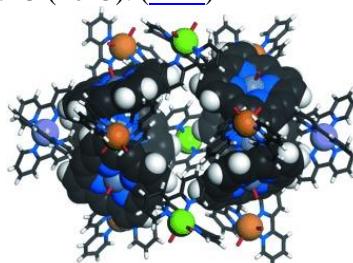
*Chem. Lett.*, 42, 328–334 (2013). ([Link](#)) (*Highlight Review*)



3. “A Self-Assembled Multiporphyrin Cage Complex through Three Different Zinc(II) Center Formation under Well-Balanced Aqueous Condition”

Takashi Nakamura, Hitoshi Ube, Motoo Shiro, Mitsuhiro Shionoya.

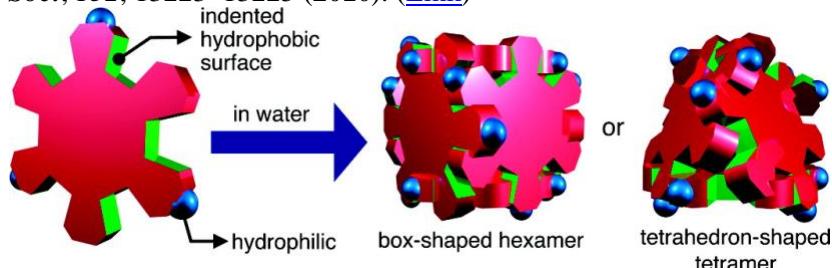
*Angew. Chem. Int. Ed.*, 52, 720–723 (2013). ([Link](#))



2. “In-Water Truly Monodisperse Aggregation of Gear-Shaped Amphiphiles Based on Hydrophobic Surface Engineering”

Shuichi Hiraoka, Takashi Nakamura, Motoo Shiro, Mitsuhiro Shionoya.

*J. Am. Chem. Soc.*, 132, 13223–13225 (2010). ([Link](#))



1. “Induced-Fit Formation of a Tetrameric Organic Capsule Consisting of Hexagram-Shaped Amphiphile Molecules”

Shuichi Hiraoka, Koji Harano, Takashi Nakamura, Motoo Shiro, Mitsuhiro Shionoya.

*Angew. Chem. Int. Ed.*, 48, 7006–7009 (2009). ([Link](#))

