

Ryosuke Miyake

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ni(II)-Mediated Self-Assembly of Artificial β -Dipeptides Forming a Macrocyclic Tetranuclear Complex with Interior Spaces for In-Line Molecular Arrangement. <i>Journal of the American Chemical Society</i> , 2008, 130, 5646-5647.	13.7	27
2	Formation of Giant and Small Cyclic Complexes from a Flexible Tripeptide Ligand Controlled by Metal Coordination and Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2019, 141, 8675-8679.	13.7	24
3	Reversible structural switch in the nano-cavity of crystalline metallo-macrocycles with smooth ligand exchange by non-coordinating guest stimuli. <i>Chemical Communications</i> , 2012, 48, 7553.	4.1	20
4	Concerted Ligand Exchange and the Roles of Counter Anions in the Reversible Structural Switching of Crystalline Peptide Metallo-Macrocycles. <i>Inorganic Chemistry</i> , 2014, 53, 5717-5723.	4.0	18
5	Guest replacement in a flexible single-crystal host by mixing the surrounding gas. <i>Chemical Communications</i> , 2009, , 4076.	4.1	15
6	Selective CO ₂ gas adsorption in the narrow crystalline cavities of flexible peptide metallo-macrocycles. <i>Dalton Transactions</i> , 2015, 44, 2993-2996.	3.3	12
7	Selective Thermal Elongation of Metal-Metal Distances in the Two-Dimensional Assembly of Ag(I) Ions Templated by Assembled Peptide Ligands. <i>Crystal Growth and Design</i> , 2014, 14, 4882-4885.	3.0	11
8	Humidity-Responsive ON/OFF Switching of Gas Inclusion by Using Cooperative Opening/Closing of Heterogeneous Crystalline Cavities in a Peptide Ni ^{II} Macrocycle. <i>Chemistry - A European Journal</i> , 2018, 24, 793-797.	3.3	10
9	Cyclic Heterometallic Interactions formed from a Flexible Tripeptide Complex Showing Effective Antiferromagnetic Spin Coupling. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5179-5183.	13.8	6
10	Constructing multicomponent cooperative functional systems using metal complexes of short flexible peptides. <i>Chemical Communications</i> , 2021, 57, 7987-7996.	4.1	5
11	Preparation of Hierarchically Assembled Silver Nanostructures based on the Morphologies of Crystalline Peptide-Silver(I) Complexes. <i>ChemPlusChem</i> , 2019, 84, 295-301.	2.8	4
12	Mimicking Integrated Functions of "Molecular Space" in Biological Systems by Using Crystalline Cavities Consisting of Short Peptides. , 2018, , 247-262.		2
13	Cooperative systems constructed using crystalline metal complexes of short flexible peptides. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2022, 102, 711-722.	1.6	2
14	Cyclic Heterometallic Interactions formed from a Flexible Tripeptide Complex Showing Effective Antiferromagnetic Spin Coupling. <i>Angewandte Chemie</i> , 2021, 133, 5239-5243.	2.0	0
15	Design and Synthesis of Multi-Component Systems by Using Metal Complexes of Flexible Peptides. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2022, 80, 469-476.	0.1	0