

# Masahiro Muraoka

## List of Publications by Year in descending order

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37  
papers

755  
citations

759233

12  
h-index

526287

27  
g-index

40  
all docs

40  
docs citations

40  
times ranked

942  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulating Polymeric Amphiphiles Using Thermo- and pH-Responsive Copolymers with Cyclodextrin Pendant Groups through Molecular Recognition of the Lipophilic Dye. <i>Macromolecules</i> , 2021, 54, 5229-5240.	4.8	7
2	Domino Cross-Scholl Reaction of Tetracene with Molecular Benzene: Synthesis, Structure, and Mechanism. <i>Organic Letters</i> , 2021, 23, 7921-7926.	4.6	4
3	Benzo- and Thieno-Annulated Tetracenes: A One-Pot Synthesis via Cross-Dehydrogenative Annulation. <i>Organic Letters</i> , 2020, 22, 4160-4163.	4.6	9
4	High-performance, air-stable, n-type thermoelectric films from a water-dispersed nickel-ethenetetrathiolate complex and ethylene glycol. <i>Journal of Materials Chemistry A</i> , 2020, 8, 12319-12322.	10.3	7
5	Template-Free Synthesis of a Phenanthroline-Containing [2]Rotaxane: A Reversible pH-Controllable Molecular Switch. <i>Symmetry</i> , 2019, 11, 1137.	2.2	2
6	Propeller-Shaped Aluminum Complexes with an Azaperylene Core in the Ligands. <i>Inorganics</i> , 2019, 7, 109.	2.7	1
7	Binary ionic liquid electrolytes for copper indium sulfide quantum dot sensitized-TiO <sub>2</sub> solar cell to achieve long-term durability. <i>Journal of Electroanalytical Chemistry</i> , 2019, 851, 113387.	3.8	4
8	Chiral Bicyclic Imidazole-Catalyzed Direct Enantioselective C-acylation for the Synthesis of Oxindoles Bearing a Quaternary Stereocenter. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1024-1028.	2.7	13
9	One-pot imine synthesis from benzylic alcohols and nitrobenzene on CdS-sensitized TiO <sub>2</sub> photocatalysts: Effects of the electric nature of the substituent and solvents on the photocatalytic activity. <i>Molecular Catalysis</i> , 2017, 443, 203-208.	2.0	26
10	Direct Evidence of Spatially Selective Iron Mineralization Using an Immobilized Ferritin Protein Cage. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 3193-3201.	0.9	3
11	Formation of a pseudorotaxane, capable of sensing cations via dethreading molecular motion, from a cryptand and bipyridinium salts. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 78, 137-144.	1.6	3
12	Characterization of stable, electroactive protein cage/synthetic polymer multilayer thin films prepared by layer-by-layer assembly. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	7
13	Synthesis and Properties of Stimuli-Responsive Pseudorotaxanes. <i>Oleoscience</i> , 2013, 13, 165-170.	0.0	0
14	Involvement of Functional Groups on the Surface of Carboxyl Group-Terminated Polyamidoamine Dendrimers Bearing Arbutin in Inhibition of Na <sup>+</sup> /Glucose Cotransporter 1 (SGLT1)-Mediated Glucose Uptake. <i>Molecular Pharmaceutics</i> , 2012, 9, 922-929.	4.6	4
15	Precise control of two-dimensional composition of proteins and nanoparticle conjugate for functional nanostructured material fabrication. <i>Journal of Colloid and Interface Science</i> , 2012, 378, 44-50.	9.4	2
16	Selective Fluorometric Sensing of Calcium Cation by C-Pivot Lariat Monoaza-crown Ether with Two Pyrene Moieties. <i>Chemistry Letters</i> , 2011, 40, 1226-1228.	1.3	10
17	Synthesis of C <sub>2</sub> -symmetric chiral crown ethers by lipase-catalyzed reactions. <i>Tetrahedron</i> , 2011, 67, 9298-9304.	1.9	11
18	Acetylated Cyclodextrins as New Organogelators. <i>Chemistry Letters</i> , 2010, 39, 1206-1208.	1.3	1

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19	Acid/base controllable molecular switch based on a neutral phenanthroline guest penetrated pseudorotaxane. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2408.	2.8	16
20	Supported Liquid Membrane Transport of Alkali Metal Cations by Monoazacryptand with a Partially Fluorinated Sidearm and the Corresponding Monoazacrown Ethers. <i>Journal of Oleo Science</i> , 2010, 59, 369-373.	1.4	1
21	Synthesis of stimuli-responsive macroazoinitiators and their use as an inistab toward hairy polymer latex particles. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3431-3443.	2.3	37
22	Ferritin as a bionano-particulate emulsifier. <i>Journal of Colloid and Interface Science</i> , 2009, 338, 222-228.	9.4	54
23	Electrostatic adsorption of ferritin, proteins and nanoparticle conjugate onto the surface of polyelectrolyte multilayers. <i>Journal of Materials Chemistry</i> , 2008, 18, 3876.	6.7	28
24	Improvement of Co <sub>3</sub> O <sub>4</sub> Nanoparticle Synthesis in Apoferritin Cavity by Outer Surface PEGylation. <i>Bulletin of the Chemical Society of Japan</i> , 2008, 81, 1669-1674.	3.2	15
25	Facile Synthesis of C <sub>2</sub> -Symmetric Chiral Crown Ethers with Two Reactive Hydroxymethyl Groups. <i>Synthesis</i> , 2007, 2007, 2973-2978.	2.3	3
26	Synthesis of CoPt and FePt <sub>3</sub> Nanowires Using the Central Channel of Tobacco Mosaic Virus as a Biotemplate. <i>Chemistry of Materials</i> , 2007, 19, 2389-2391.	6.7	126
27	Dreaming of Building Nano-Architectures from Biosupramolecules. <i>Journal of the Adhesion Society of Japan</i> , 2006, 42, 527-532.	0.0	0
28	Fabrication of ZnSe Nanoparticles in the Apoferritin Cavity by Designing a Slow Chemical Reaction System. <i>Inorganic Chemistry</i> , 2005, 44, 6393-6400.	4.0	203
29	Synthesis of Co <sub>3</sub> O <sub>4</sub> Nanoparticles Using the Cage-Shaped Protein, Apoferritin. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 2075-2081.	3.2	86
30	Fabrication of Semiconductor Nano-particles in the Protein Cage of Apoferritin. <i>Materials Research Society Symposia Proceedings</i> , 2005, 873, 1.	0.1	0
31	Synthesis and Complexing Ability of a C-Pivot Type of Double-Armed 15-Crown-5 Ethers toward Alkali Metal Cations. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 1765-1770.	3.2	8
32	Reversible Photoinsertion of Ferrocene into a Hydrophobic Semiconductor Surface: A Chemionic Switch. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3653-3656.	13.8	8
33	Effective Coordination of Electron-Donating Sidearms of Double-Armed 15-Crown-5 Ethers toward Alkali Metal Cations. <i>Chemistry Letters</i> , 1999, 28, 283-284.	1.3	4
34	Synthesis and structure of a new type of C <sub>2</sub> -symmetric chiral crown ether. <i>Tetrahedron Letters</i> , 1998, 39, 9493-9496.	1.4	12
35	Alkali Metal Cation Recognition at an Air-Water Interface by Lipophilic Double-Armed Crown Ethers. <i>Journal of Japan Oil Chemists' Society</i> , 1997, 46, 931-934,940.	0.3	1
36	Catalytic hydrogenation of linoleic acid over platinum-group metals supported on alumina. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 1997, 74, 525-529.	1.9	23

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37	Catalytic hydrogenation of linoleic acid on nickel, copper, and palladium. JAOCS, Journal of the American Oil Chemists' Society, 1996, 73, 1311-1316.	1.9	16