

# Yasuyuki Yamada

## List of Publications by Year in descending order

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37  
papers

481  
citations

687363

13  
h-index

752698

20  
g-index

41  
all docs

41  
docs citations

41  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Switchable Intermolecular Communication in a Four-Fold Rotaxane. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 709-713.	13.8	67
2	Triply Stacked Heterogeneous Array of Porphyrins and Phthalocyanine through Stepwise Formation of a Fourfold Rotaxane and an Ionic Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 11505-11508.	13.7	43
3	Oxygen Reduction to Water by a Cofacial Dimer of Iron(III)-Porphyrin and Iron(III)-Phthalocyanine Linked through a Highly Flexible Fourfold Rotaxane. <i>Chemistry - A European Journal</i> , 2017, 23, 7508-7514.	3.3	39
4	Synthesis and Anticancer Properties of Bis- and Mono(cationic peptide) Hybrids of Cyclometalated Iridium(III) Complexes: Effect of the Number of Peptide Units on Anticancer Activity. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1796-1814.	2.0	24
5	Site-Selective Supramolecular Complexation Activates Catalytic Ethane Oxidation by a Nitrido-Bridged Iron Porphyrinoid Dimer. <i>Chemistry - A European Journal</i> , 2019, 25, 3369-3375.	3.3	21
6	Sequential and Spatial Organization of Metal Complexes Inside a Peptide Duplex. <i>Journal of the American Chemical Society</i> , 2014, 136, 6505-6509.	13.7	20
7	Repetitive stepwise rotaxane formation toward programmable molecular arrays. <i>Chemical Communications</i> , 2013, 49, 11053.	4.1	18
8	Synthesis of a hetero-dinuclear metal complex in a porphyrin/phthalocyanine four-fold rotaxane. <i>Dalton Transactions</i> , 2013, 42, 15873.	3.3	18
9	Assembly of Multi-Phthalocyanines on a Porphyrin Template by Fourfold Rotaxane Formation. <i>Chemistry - A European Journal</i> , 2016, 22, 12371-12380.	3.3	18
10	Catalytic methane oxidation by a supramolecular conjugate based on a $\frac{1}{4}$ -nitrido-bridged iron porphyrinoid dimer. <i>New Journal of Chemistry</i> , 2019, 43, 11477-11482.	2.8	16
11	Programmable Arrangement of Heterometal Ions in a Supramolecular Array of Porphyrin and Phthalocyanine. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 427-435.	3.2	15
12	Intramolecular strong electronic coupling in a discretely H-aggregated phthalocyanine dimer connected with a rigid linker. <i>Chemical Communications</i> , 2018, 54, 8226-8228.	4.1	15
13	Application of $\frac{1}{4}$ -Nitrido- and $\frac{1}{4}$ -Carbido-Bridged Iron Phthalocyanine Dimers as Cathode-Active Materials for Rechargeable Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 40612-40617.	8.0	13
14	One-pot synthesis of cyclic oligosaccharides by the polyglycosylation of monothioglycosides. <i>Carbohydrate Research</i> , 2020, 487, 107888.	2.3	12
15	Kinetically "locked" metallomacrocyclic. <i>Dalton Transactions</i> , 2016, 45, 3831-3837.	3.3	11
16	$\frac{1}{4}$ -Nitrido-bridged iron phthalocyanine dimer bearing eight peripheral 12-crown-4 units and its methane oxidation activity. <i>New Journal of Chemistry</i> , 2020, 44, 19179-19183.	2.8	11
17	Crystal Structures of Stacked Ionic Assemblies of Tetracationic and Tetraanionic Porphyrins. <i>Chemistry Letters</i> , 2014, 43, 1377-1379.	1.3	10
18	Dynamic Molecular Invasion into a Multiply Interlocked Catenane. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14124-14129.	13.8	10

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19	Room-temperature single molecular memory. <i>Applied Physics Letters</i> , 2012, 100, 053101.	3.3	9
20	Design and Synthesis of Cyclometalated Iridium(III) Complexes-Chromophore Hybrids that Exhibit Long-Emission Lifetimes Based on a Reversible Electronic Energy Transfer Mechanism. <i>Inorganic Chemistry</i> , 2020, 59, 6905-6922.	4.0	9
21	High catalytic methane oxidation activity of monocationic $\mu_4$ -nitrido-bridged iron phthalocyanine dimer with sixteen methyl groups. <i>Dalton Transactions</i> , 2021, 50, 6718-6724.	3.3	9
22	Programmable arrangement of metal ions in a cofacially stacked assembly of porphyrinoids toward molecular tags. <i>Dalton Transactions</i> , 2018, 47, 7044-7049.	3.3	8
23	Electronic perturbation of supramolecular conjugates of porphyrins and phthalocyanines. <i>Chemical Communications</i> , 2017, 53, 2230-2232.	4.1	7
24	Improved synthesis of monocationic $\mu_4$ -nitrido-bridged iron phthalocyanine dimer with no peripheral substituents. <i>Inorganica Chimica Acta</i> , 2019, 489, 160-163.	2.4	7
25	Synthesis of a monocationic $\mu_4$ -nitrido-bridged iron porphycene dimer and its methane oxidation activity. <i>Dalton Transactions</i> , 2021, 50, 16775-16781.	3.3	7
26	Design, Synthesis, and Anticancer Activity of Triptycene-Peptide Hybrids that Induce Paraptotic Cell Death in Cancer Cells. <i>Bioconjugate Chemistry</i> , 2022, 33, 691-717.	3.6	6
27	Metal-Induced Structural Switching of a Folded Quinone-Sandwiched Porphyrin. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 180-185.	3.7	5
28	Metal-induced dynamic conformational and fluorescence switch of quinone-appended Zn-porphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 344-351.	0.8	4
29	Development of functional molecular assemblies based on programmable construction of face-to-face assemblies of metallo-porphyrinoids. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2020, 96, 197-213.	1.6	3
30	Dynamic Molecular Invasion into a Multiply Interlocked Catenane. <i>Angewandte Chemie</i> , 2017, 129, 14312-14317.	2.0	2
31	Direct catalytic benzene hydroxylation under mild reaction conditions by using a monocationic $\mu_4$ -nitrido-bridged iron phthalocyanine dimer with 16 peripheral methyl groups. <i>New Journal of Chemistry</i> , 0, , .	2.8	2
32	Harmony of $\pi$ - $\pi$ Stacking Interaction and Metal Complexation to Generate Molecular Functional Emergence. <i>Bulletin of Japan Society of Coordination Chemistry</i> , 2013, 62, 12-22.	0.2	1
33	Stacked Pairing of Anionic Porphyrins on a Tetracationic Macrocyclic Template. <i>Chemistry Letters</i> , 2016, 45, 356-358.	1.3	1
34	Synthesis of Bis{meso-Tetrakis(4-N-alkylpyridiniumyl)porphyrinato}cerium and Its Redox Switching Behavior. <i>Molecules</i> , 2021, 26, 790.	3.8	1
35	Significant Effect of the Flexibility of Bridging Alkyl Chains on the Proximity of Stacked Porphyrin and Phthalocyanine Conjugated with a Fourfold Rotaxane Linkage. <i>Chemistry - A European Journal</i> , 0, , .	3.3	1
36	Front Cover: Significant Effect of the Flexibility of Bridging Alkyl Chains on the Proximity of Stacked Porphyrin and Phthalocyanine Conjugated with a Fourfold Rotaxane Linkage ( <i>Chem. Eur. J.</i> 37/2022). <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	1

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37	Significant Effect of Flexibility of Bridging Alkyl Chains on the Proximity of Stacked Porphyrin and Phthalocyanine Conjugated with Fourfold Rotaxane Linkage. Chemistry - A European Journal, 2022, , .	3.3	0