

Wei-Bin Yu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

985
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759233

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24
times ranked

1183
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembly and guest-induced disassembly of triply interlocked [2]catenanes. <i>Chemical Communications</i> , 2021, 57, 3010-3013.	4.1	10
2	Coordination assembly and host-guest chemistry of a triply interlocked [2]catenane. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2356-2364.	6.0	8
3	Stimuli-Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties. <i>Angewandte Chemie</i> , 2021, 133, 15594-15599.	2.0	4
4	Innenrücktitelbild: Stimuli-Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties (<i>Angew. Chem.</i> 28/2021). <i>Angewandte Chemie</i> , 2021, 133, 15791-15791.	2.0	0
5	Stimuli-Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15466-15471.	13.8	30
6	Design, Characterizations and Host-Guest Properties of a New Metal-Organic Cage Based on Half-Sandwich Rhodium Moieties. <i>ChemistrySelect</i> , 2021, 6, 11994-12000.	1.5	1
7	Hydrophobicity controls guest uptake in Rh ₈ metallocages. <i>New Journal of Chemistry</i> , 2020, 44, 14075-14081.	2.8	3
8	A new supramolecular catalytic system: the self-assembly of Rh ₈ cage host anthracene molecules for [4 + 4] cycloaddition induced by UV irradiation. <i>Dalton Transactions</i> , 2020, 49, 9688-9693.	3.3	5
9	Electrocatalytic oxygen evolution with a cobalt complex. <i>Dalton Transactions</i> , 2017, 46, 16321-16326.	3.3	18
10	A molecular precatalyst for water oxidation based on half-sandwich iridium fragment. <i>Journal of Organometallic Chemistry</i> , 2016, 818, 1-6.	1.8	3
11	Heterogeneous catalysis of water oxidation supported by a novel metallamacrocycle. <i>New Journal of Chemistry</i> , 2016, 40, 2354-2361.	2.8	4
12	A new copper species based on an azo-compound utilized as a homogeneous catalyst for water oxidation. <i>Dalton Transactions</i> , 2015, 44, 351-358.	3.3	39
13	Anion-Directed Self-Assembly of Two Half-Sandwich Ruthenium-Based Metallamacrocycles as Catalysts for Water Oxidation. <i>Chemistry - an Asian Journal</i> , 2015, 10, 239-246.	3.3	17
14	Water oxidation catalysts and pH sensors based on azo-conjugated iridium/rhodium motifs. <i>Dalton Transactions</i> , 2014, 43, 12221-12227.	3.3	9
15	Azo-conjugated half-sandwich Rh/Ru complexes for homogeneous water-oxidation catalysis. <i>Dalton Transactions</i> , 2014, 43, 6561.	3.3	16
16	Porous Frameworks Based on Carborane-Ln ₂ (CO) ₂ ₆ : Architecture Influenced by Lanthanide Contraction and Selective CO ₂ Capture. <i>ChemPlusChem</i> , 2012, 77, 141-147.	2.8	21
17	Construction of Tetranuclear Macrocycles through C-H Activation and Structural Transformation Induced by [2+2] Photocycloaddition Reaction. <i>Chemistry - A European Journal</i> , 2011, 17, 1863-1871.	3.3	65
18	Inside Cover: Construction of Tetranuclear Macrocycles through C-H Activation and Structural Transformation Induced by [2+2] Photocycloaddition Reaction (<i>Chem. Eur. J.</i> 6/2011). <i>Chemistry - A European Journal</i> , 2011, 17, 1710-1710.	3.3	1

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19	Half-Sandwich Chromium(III) Catalysts Bearing Hydroxyindanimine Ligands for Ethylene Polymerization. <i>Organometallics</i> , 2009, 28, 4170-4174.	2.3	38
20	Stepwise formation of organometallic macrocycles, prisms and boxes from Ir, Rh and Ru-based half-sandwich units. <i>Chemical Society Reviews</i> , 2009, 38, 3419.	38.1	307
21	Self-Assembly of a Homochiral Nanoscale Metallacycle from a Metallosalen Complex for Enantioselective Separation. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1245-1249.	13.8	143
22	A Homochiral Nanotubular Crystalline Framework of Metallomacrocycles for Enantioselective Recognition and Separation. <i>Journal of the American Chemical Society</i> , 2008, 130, 4582-4583.	13.7	212