Wei-Bin Yu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2020993/publications.pdf

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22 papers	985 citations	759233 12 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	1183 citing authors

#	Article	IF	Citations
1	Stepwise formation of organometallic macrocycles, prisms and boxes from Ir, Rh and Ru-based half-sandwich units. Chemical Society Reviews, 2009, 38, 3419.	38.1	307
2	A Homochiral Nanotubular Crystalline Framework of Metallomacrocycles for Enantioselective Recognition and Separation. Journal of the American Chemical Society, 2008, 130, 4582-4583.	13.7	212
3	Selfâ€Assembly of a Homochiral Nanoscale Metallacycle from a Metallosalen Complex for Enantioselective Separation. Angewandte Chemie - International Edition, 2008, 47, 1245-1249.	13.8	143
4	Construction of Tetranuclear Macrocycles through Cï£¿H Activation and Structural Transformation Induced by [2+2] Photocycloaddition Reaction. Chemistry - A European Journal, 2011, 17, 1863-1871.	3.3	65
5	A new copper species based on an azo-compound utilized as a homogeneous catalyst for water oxidation. Dalton Transactions, 2015, 44, 351-358.	3.3	39
6	Half-Sandwich Chromium(III) Catalysts Bearing Hydroxyindanimine Ligands for Ethylene Polymerization. Organometallics, 2009, 28, 4170-4174.	2.3	38
7	Stimuliâ€Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties. Angewandte Chemie - International Edition, 2021, 60, 15466-15471.	13.8	30
8	Porous Frameworks Based on Carboraneâ€“Ln₂(CO₂)₆: Architecture Influenced by Lanthanide Contraction and Selective CO₂ Capture. ChemPlusChem, 2012, 77, 141-147.	2.8	21
9	Electrocatalytic oxygen evolution with a cobalt complex. Dalton Transactions, 2017, 46, 16321-16326.	3.3	18
10	Anionâ€Directed Selfâ€Assembly of Two Halfâ€Sandwich Rutheniumâ€Based Metallamacrocycles as Catalysts for Water Oxidation. Chemistry - an Asian Journal, 2015, 10, 239-246.	3.3	17
11	Azo-conjugated half-sandwich Rh/Ru complexes for homogeneous water-oxidation catalysis. Dalton Transactions, 2014, 43, 6561.	3.3	16
12	Self-assembly and guest-induced disassembly of triply interlocked [2]catenanes. Chemical Communications, 2021, 57, 3010-3013.	4.1	10
13	Water oxidation catalysts and pH sensors based on azo-conjugated iridium/rhodium motifs. Dalton Transactions, 2014, 43, 12221-12227.	3.3	9
14	Coordination assembly and hostâ€“guest chemistry of a triply interlocked [2]catenane. Inorganic Chemistry Frontiers, 2021, 8, 2356-2364.	6.0	8
15	A new supramolecular catalytic system: the self-assembly of Rh8 cage host anthracene molecules for [4 + 4] cycloaddition induced by UV irradiation. Dalton Transactions, 2020, 49, 9688-9693.	3.3	5
16	Heterogeneous catalysis of water oxidation supported by a novel metallamacrocycle. New Journal of Chemistry, 2016, 40, 2354-2361.	2.8	4
17	Stimuliâ€Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties. Angewandte Chemie, 2021, 133, 15594-15599.	2.0	4
18	A molecular precatalyst for water oxidation based on half-sandwich iridium fragment. Journal of Organometallic Chemistry, 2016, 818, 1-6.	1.8	3

#	Article	IF	Citations
19	Hydrophobicity controls guest uptake in Rh8 metallacages. New Journal of Chemistry, 2020, 44, 14075-14081.	2.8	3
20	Inside Cover: Construction of Tetranuclear Macrocycles through Cï£¿H Activation and Structural Transformation Induced by [2+2] Photocycloaddition Reaction (Chem. Eur. J. 6/2011). Chemistry - A European Journal, 2011, 17, 1710-1710.	3.3	1
21	Design, Characterizations and Hostâ€Guest Properties of a New Metalâ€Organic Cage Based on Halfâ€Sandwich Rhodium Moieties. ChemistrySelect, 2021, 6, 11994-12000.	1.5	1
22	InnenrÃ¼cktitelbild: Stimuliâ€Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties (Angew. Chem. 28/2021). Angewandte Chemie, 2021, 133, 15791-15791.	2.0	0