

Tatsuya Kawamoto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Luminescent Zinc(II) and Cadmium(II) Complexes with N,S-Chelating Schiff Base Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 3095-3104.	4.0	86
2	Pd π - π -H π -C Interactions. Preparation and Structure of Orthometalated Tetranuclear Complexes of Palladium(II) and Platinum(II). <i>Inorganic Chemistry</i> , 1996, 35, 2427-2432.	4.0	70
3	A Rock-Salt-Like Lattice Structure Consisting of Monocationic and Monoanionic AuAgICuII Supramolecular Cages of D-Penicillamine. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1088-1092.	13.8	57
4	Photo- and Electrocatalytic Hydrogen Production Using Valence Isomers of N ₂ S ₂ -Type Nickel Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 12129-12138.	4.0	36
5	Valence Isomerization. Synthesis and Characterization of Cobalt and Nickel Complexes with Non-Innocent N ₂ S ₂ Ligand. <i>Bulletin of the Chemical Society of Japan</i> , 1997, 70, 1599-1606.	3.2	32
6	Autoxidation of thiol-containing amino acid to its disulfide derivative that links two copper(ii) centers: the important role of auxiliary ligand. <i>Chemical Communications</i> , 2010, 46, 1962-1964.	4.1	25
7	Synthesis and characterization of the platinum complexes with N,S or C,N,S ligands derived from 2-phenylbenzothiazoline. <i>Inorganica Chimica Acta</i> , 1997, 265, 163-167.	2.4	22
8	Isolation of a Tetranuclear Intermediate Complex in the Synthesis of Paddlewheel-Type Dirhodium Tetraacetate. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5650-5655.	2.0	16
9	Experimental and Theoretical Study of Photochemical Hydrogen Evolution Catalyzed by Paddlewheel-Type Dirhodium Complexes with Electron Withdrawing Carboxylate Ligands. <i>ChemCatChem</i> , 2019, 11, 6218-6226.	3.7	16
10	Intrinsic hydrogen evolution capability and a theoretically supported reaction mechanism of a paddlewheel-type dirhodium complex. <i>Dalton Transactions</i> , 2019, 48, 7302-7312.	3.3	16
11	Paddlewheel-Type Dirhodium Tetrapivalate Based Coordination Polymer: Synthesis, Characterization, and Self-Assembly and Disassembly Transformation Properties. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2810-2815.	2.0	15
12	Photocatalytic and electrocatalytic hydrogen production using nickel complexes supported by hemilabile and non-innocent ligands. <i>Chemical Communications</i> , 2020, 56, 2829-2832.	4.1	15
13	Three Types of Nickel(II) Complexes Derived from 2-Substituted Benzothiazoline; Formation of a Tetranuclear Complex by a Sterically Induced Orthometallation Reaction. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 289-294.	3.2	13
14	Photooxidation Reactions of Cyclometalated Palladium(II) and Platinum(II) Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 15720-15725.	4.0	13
15	Synthesis, Characterization, Absorption Properties, and Electronic Structures of Paddlewheel-Type Dirhodium(II) Tetra- μ_4 -(n-naphthoate) Complexes: An Experimental and Theoretical Study. <i>Molecules</i> , 2019, 24, 447.	3.8	12
16	Formation of a nickel(II) complex with a new N ₂ S ₂ macrocyclic ligand by C-Cl bond cleavage and C-S bond formation. <i>Chemical Communications</i> , 1996, , 2121-2122.	4.1	11
17	Square-Planar N ₂ S ₂ NiII Complexes with an Extended π -Conjugated System. <i>Inorganic Chemistry</i> , 2007, 46, 4239-4247.	4.0	11
18	Reversible Conversion of Electronic Structures in a Cyclic Octacopper Complex. <i>Chemistry - A European Journal</i> , 2008, 14, 9842-9845.	3.3	11

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19	Chirality transfer based on reversible C–C bond formation/breaking in nickel(ii) complexes. <i>Chemical Communications</i> , 2013, 49, 668-670.	4.1	11
20	Synthesis and characterizations of a paddlewheel-type dirhodium-based photoactive porous metal-organic framework. <i>Inorganic Chemistry Communication</i> , 2016, 68, 37-41.	3.9	10
21	A Novel Octanuclear Copper(I) Complex with a Compressed Square Antiprismatic Cu ₈ Core. <i>Chemistry Letters</i> , 1997, 26, 553-554.	1.3	9
22	Synthesis and characterization of mononuclear and tetranuclear palladium(II) complexes with 2-(phenylmethyleamino)benzenethiolate. <i>Inorganica Chimica Acta</i> , 2003, 348, 217-220.	2.4	9
23	The effect of aromatic-aromatic interactions on the crystallization of helical nickel(II) complexes. <i>Inorganica Chimica Acta</i> , 1998, 282, 71-75.	2.4	8
24	A New Paddlewheel-Type Dirhodium-Based Metal-Organic Framework with Deprotonated 2,6-Bis(2-benzimidazolyl)pyridine. <i>ChemistrySelect</i> , 2016, 1, 2571-2575.	1.5	8
25	New luminescent cyclometalated iridium complexes prepared by the post-synthetic modification. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 358, 345-355.	3.9	8
26	CH/π interaction in nickel(II) complexes derived from 2-substituted benzothiazolines. <i>Dalton Transactions RSC</i> , 2000, , 3022-3026.	2.3	7
27	A Rock-Salt-Like Lattice Structure Consisting of Monocationic and Monoanionic Au I Ag I Cu II Supramolecular Cages of D-Penicillamine. <i>Angewandte Chemie</i> , 2005, 117, 1112-1116.	2.0	7
28	Synthesis, Crystal Structure and Gas Adsorption Properties of Four Pd-Zn Coordination Polymers Containing Potential Catalytic Active Sites. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 807-812.	2.0	6
29	Experimental and theoretical study of dimer-of-dimers-type tetrarhodium(ii) complexes bridged by 1,4-benzenedicarboxylate linkers. <i>Dalton Transactions</i> , 2018, 47, 17233-17242.	3.3	6
30	Unique vapo-chromism of a paddlewheel-type dirhodium complex accompanied by dynamic structural and phase transitions. <i>Dalton Transactions</i> , 2020, 49, 14373-14377.	3.3	6
31	Metal-Crossing between Thiolato-Bridged Tetragold(I) and Tetrasilver(I) Metallorings. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2931-2935.	3.3	5
32	Synthesis, crystal structures and properties of novel heterobimetallic Cd–Pt and Zn–Pt coordination polymers using nicotinic acid. <i>Inorganic Chemistry Communication</i> , 2012, 25, 14-17.	3.9	5
33	Synthesis and Characterization of Nickel(II) Schiff Base Complexes with Methoxy or Methyl Groups at 2,6-Positions of the Pendant Phenyl Ring: the Control of cis and trans Geometries. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 127-132.	3.2	4
34	Alkylation of Nonbridging Thiolato Groups in an S-bridged Co ^{III} Pd ^{III} Co ^{III} Trinuclear Complex: Control of Geometrical Isomerism by Tuning Trans Influence Due to Sulfur Donors. <i>Chemistry Letters</i> , 2005, 34, 362-363.	1.3	4
35	Formation of Extended π Electron System Based on Nickel(II) Complex with Non-Innocent N ₂ S ₂ Ligand. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 379, 443-448.	0.9	2
36	Sulfur-Bridged Co ^{III} Pt ^{II} Co ^{III} Trinuclear Complex Acting as an S-Donating Complex-Ligand. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 379, 455-460.	0.9	1

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37	Clamshell Palladium(II) Complexes: Suitable Precursors for Photocatalytic Hydrogen Production from Water. <i>European Journal of Inorganic Chemistry</i> , 0, , .	2.0	0