

Hideki Ohtsu

List of Publications by Year in descending order

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42
papers

1,122
citations

430874

18
h-index

395702

33
g-index

45
all docs

45
docs citations

45
times ranked

1383
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Imidazolate-Bridged Dinuclear Complexes as Active Site Models of Cu,Zn-SOD. <i>Journal of the American Chemical Society</i> , 2000, 122, 5733-5741.	13.7	209
2	Characterization of a Stable Ruthenium Complex with an Oxyl Radical. <i>Journal of the American Chemical Society</i> , 2003, 125, 6729-6739.	13.7	92
3	Equilibrium of Low- and High-Spin States of Ni(II) Complexes Controlled by the Donor Ability of the Bidentate Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 3024-3030.	4.0	60
4	An Organic Hydride Transfer Reaction of a Ruthenium NAD Model Complex Leading to Carbon Dioxide Reduction. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9792-9795.	13.8	60
5	Characterization of Imidazolate-Bridged Dinuclear and Mononuclear Hydroperoxo Complexes. <i>Inorganic Chemistry</i> , 2001, 40, 3200-3207.	4.0	52
6	Chemical Control of Valence Tautomerism of Nickel(II) Semiquinone and Nickel(III) Catecholate States. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6301-6303.	13.8	51
7	Formation of superoxide-metal ion complexes and the electron transfer catalysis. <i>Coordination Chemistry Reviews</i> , 2002, 226, 71-80.	18.8	48
8	Luminescence behaviour in acetonitrile and in the solid state of a series of lanthanide complexes with a single helical ligand. <i>New Journal of Chemistry</i> , 2014, 38, 1225-1234.	2.8	47
9	Sequential Reaction Intermediates in Aliphatic C-H Bond Functionalization Initiated by a Bis(η^4 -oxo)dinickel(III) Complex. <i>Inorganic Chemistry</i> , 2006, 45, 2873-2885.	4.0	39
10	Catalytic Four-Electron Oxidation of Water by Intramolecular Coupling of the Oxo Ligands of a Bis(ruthenium-bipyridine) Complex. <i>Chemistry - A European Journal</i> , 2012, 18, 2374-2381.	3.3	39
11	Photoinduced four- and six-electron reduction of mononuclear ruthenium complexes having NAD ⁺ analogous ligands. <i>Dalton Transactions</i> , 2010, 39, 11526.	3.3	33
12	Electronic Structural Changes between Nickel(II)-Semiquinonato and Nickel(III)-Catecholato States Driven by Chemical and Physical Perturbation. <i>Chemistry - A European Journal</i> , 2005, 11, 3420-3426.	3.3	32
13	Characterization of imidazolate-bridged Cu(ii)-Zn(ii) heterodinuclear and Cu(ii)-Cu(ii) homodinuclear hydroperoxo complexes as reaction intermediate models of Cu,Zn-SOD. <i>Chemical Communications</i> , 2000, , 1051-1052.	4.1	30
14	Photochemical Properties and Reactivity of a Ru Compound Containing an NAD/NADH-Functionalized 1,10-Phenanthroline Ligand. <i>Inorganic Chemistry</i> , 2016, 55, 2076-2084.	4.0	26
15	A new type of electrochemical oxidation of alcohols mediated with a ruthenium-dioxolene-amine complex in neutral water. <i>Inorganica Chimica Acta</i> , 2011, 366, 298-302.	2.4	23
16	Drastic difference in the photo-driven hydrogenation reactions of ruthenium complexes containing NAD model ligands. <i>Chemical Communications</i> , 2012, 48, 1796.	4.1	22
17	Coordination of Semiquinone and Superoxide Radical Anions to the Zinc Ion in SOD Model Complexes that Act as the Key Step in Disproportionation of the Radical Anions. <i>Chemistry - A European Journal</i> , 2001, 7, 4947-4953.	3.3	21
18	The Essential Role of a ZnII Ion in the Disproportionation of Semiquinone Radical Anion by an Imidazolate-Bridged CuII-ZnII Model of Superoxide Dismutase. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4537-4539.	13.8	19

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19	Ultra-thin emissive molecular devices: polarized emission of Ln(III) complex films. Monatshefte für Chemie, 2009, 140, 751-763.	1.8	18
20	Conjugated Polymers Consisting of Isothianaphthene and Dialkoxyphenylene Units: Synthesis, Self-Assembly, and Chemical and Physical Properties. Macromolecular Chemistry and Physics, 2010, 211, 2138-2147.	2.2	18
21	Ruthenium Oxyl Radical Complex Containing o-Quinone Ligand Detected by ESR Measurements of Spin Trapping Technique. Chemistry Letters, 2002, 31, 868-869.	1.3	17
22	Remarkable accelerating and decelerating effects of the bases on CO ₂ reduction using a ruthenium NADH model complex. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 313, 163-167.	3.9	15
23	Novel emission properties of melem caused by the heavy metal effect of lanthanides(III) in a LB film. Photochemical and Photobiological Sciences, 2007, 6, 804.	2.9	13
24	Ultrafast Optical Responses in a One-Dimensional Mott Insulator of a Br-Bridged Ni Compound. Journal of the Physical Society of Japan, 2008, 77, 023711.	1.6	12
25	Synthesis and Photophysical Properties of Emissive Silver(I) Halogenido Coordination Polymers Composed of {Ag ₂ X ₂ } Units Bridged by Pyrazine, Methylpyrazine, and Aminopyrazine. Inorganic Chemistry, 2021, 60, 1299-1304.	4.0	12
26	Molecular Distortion Effect on ff-Emission in a Pr(III) Complex with 4,7-Diphenyl-1,10-Phenanthroline. ChemPhysChem, 2007, 8, 1345-1351.	2.1	11
27	A novel imidazolate-bridged copper-zinc heterodinuclear complex as a Cu, Zn-SOD active site model. Chemical Communications, 1999, , 2393-2394.	4.1	10
28	Luminescent mixed-ligand iodido copper(I) coordination polymers having antenna effect. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 353, 602-611.	3.9	10
29	Quantitative Evaluation of Lewis Acidity of Zinc Ion with Tetradentate Tripodal Ligands in Formation of the Superoxide Complexes. Chemistry Letters, 2001, 30, 920-921.	1.3	9
30	Polarized ff-Emission of Terbium(III) by using the Stretched Polymer Film Technique. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2008, 21, 333-338.	0.3	9
31	Four-Electron Reduction of a New Ruthenium Dicarbonyl Complex Having Two NAD Model Ligands through Decarboxylation in Water. Inorganic Chemistry, 2016, 55, 11613-11616.	4.0	9
32	The unprecedented role of a CuII cryptand in the luminescence properties of a EuIII cryptate complex. Monatshefte für Chemie, 2009, 140, 783-787.	1.8	7
33	Remarkable Functions of Long-Chain Alkyl Groups in Halogen-Bridged Nickel(III) Nanowire Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 4425-4428.	2.0	6
34	A Novel Triangular Macrocyclic Compound, [(tmeda)Pt(azpy)] ₃ (PF ₆) ₆ ·13H ₂ O (tmeda: 1,3,5-tris(2-dimethylaminoethyl)benzene) [Overlapped] 10 Tf 50 142 Td (T	1.3	6
35	Novel synthesis of a four-electron-reduced ruthenium(II) NADH-type complex under water-gas-shift reaction conditions. Dalton Transactions, 2016, 45, 16130-16133.	3.3	6
36	Synthesis, structures and stability of amido gold(III) complexes with 2,2',2''-terpyridine. Dalton Transactions, 2014, 43, 15719-15722.	3.3	5

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37	A Novel Photo-Driven Hydrogenation Reaction of an NAD ⁺ -Type Complex Toward Artificial Photosynthesis. <i>Frontiers in Chemistry</i> , 2019, 7, 580.	3.6	5
38	Construction of cis-Fused Hydrindane Skeleton with a Lactone Tether Utilizing Intramolecular Diels-Alder Reaction. <i>Heterocycles</i> , 2016, 93, 783.	0.7	1
39	Dichlorido[2-(pyridin-2-yl- \hat{N})benzo[b][1,5]naphthyridine- \hat{N} 1]zinc. <i>IUCrData</i> , 2016, 1, .	0.3	0
40	Chloridobis[2-(pyridin-2-yl- \hat{N})benzo[b][1,5]naphthyridine- \hat{N} 1]copper(II) perchlorate acetonitrile disolvate. <i>IUCrData</i> , 2016, 1, .	0.3	0
41	[2-(2,2- \hat{N} -Bipyridin-6-yl- \hat{N} 1,N1- \hat{N})benzo[b][1,5]naphthyridine- \hat{N} 1]dichloridozinc. <i>IUCrData</i> , 2016, 1, .	0.3	0
42	An NAD ⁺ -type earth-abundant metal complex enabling photo-driven alcohol oxidation. <i>Chemical Communications</i> , 2021, 57, 13574-13577.	4.1	0