

Masahisa Osawa

List of Publications by Year in descending order

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2,383
citations

257101

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Green Organic Light-Emitting Diodes Containing Luminescent Three-Coordinate Copper(I) Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 10348-10351.	6.6	401
2	Highly efficient green organic light-emitting diodes containing luminescent tetrahedral copper(I) complexes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 542-551.	2.7	160
3	Application of neutral d10 coinage metal complexes with an anionic bidentate ligand in delayed fluorescence-type organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4375.	2.7	148
4	A Monomeric Side-On Peroxo Manganese(III) Complex: Mn(O ₂)(3,5-iPr ₂ pzH)(HB(3,5-iPr ₂ pz) ₃). <i>Journal of the American Chemical Society</i> , 1994, 116, 11596-11597.	6.6	132
5	Application of three-coordinate copper(I) complexes with halide ligands in organic light-emitting diodes that exhibit delayed fluorescence. <i>Dalton Transactions</i> , 2015, 44, 8369-8378.	1.6	128
6	Photo-activation of Pd-catalyzed Sonogashira coupling using a Ru/bipyridine complex as energy transfer agent. <i>Dalton Transactions</i> , 2007, , 827.	1.6	127
7	Vapochromic and Mechanochromic Tetrahedral Gold(I) Complexes Based on the 1,2-bis(diphenylphosphino)benzene Ligand. <i>Chemistry - A European Journal</i> , 2010, 16, 12114-12126.	1.7	116
8	Highly efficient blue-green delayed fluorescence from copper(I) thiolate complexes: luminescence color alteration by orientation change of the aryl ring. <i>Chemical Communications</i> , 2014, 50, 1801.	2.2	110
9	Oxidative conversion of a Mn(μ-OH) ₂ Mn to a Mn(μ-O) ₂ Mn moiety. Synthesis and molecular structures of a (μ-hydroxo)dimanganese(II,II) and (μ-oxo)dimanganese(III,III) complex with a hindered N ₃ ligand. <i>Journal of the American Chemical Society</i> , 1991, 113, 7757-7758.	6.6	96
10	Optically Active and C ₃ -Symmetric Tris(pyrazolyl)hydroborate and Tris(pyrazolyl)phosphine Oxide Ligands: Synthesis and Structural Characterization. <i>Organometallics</i> , 1994, 13, 2855-2866.	1.1	90
11	Monomeric (benzoato)manganese(II) complexes as manganese superoxide dismutase mimics. <i>Inorganic Chemistry</i> , 1993, 32, 1879-1880.	1.9	78
12	A novel dioxygenase type oxygen insertion. Carbon-hydrogen bond oxidation of isopropyl groups in a dimanganese complex with molecular oxygen. <i>Journal of the American Chemical Society</i> , 1991, 113, 8952-8953.	6.6	71
13	Photoluminescence Properties, Molecular Structures, and Theoretical Study of Heteroleptic Silver(I) Complexes Containing Diphosphine Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 5805-5813.	1.9	69
14	A novel dinuclear cyclometalated iridium complex bridged with 1,4-bis[pyridine-2-yl]benzene: its structure and photophysical properties. <i>Dalton Transactions</i> , 2004, , 1115.	1.6	50
15	Transition Metal Complexes of Optically Active Tris(pyrazolyl)hydroborates. <i>Inorganic Chemistry</i> , 1994, 33, 6361-6368.	1.9	49
16	Photoluminescent properties and molecular structures of [NaphAu(PPh ₃)] and [1/4-Naph {Au(PPh ₃)} ₂]ClO ₄ (Naph = 2-naphthyl). <i>Dalton Transactions</i> , 2008, , 2248.	1.6	48
17	Reductive elimination by remote electron transfer activation in C ₄ -bridged titanocene-ferrocenyl complexes. <i>Chemical Communications</i> , 1996, , 1617.	2.2	45
18	Reductive coupling reaction induced by remote-site oxidation in titanocene bis(metallocenylacetylide), where metallocenyl = ferrocenyl or ruthenocenyl: a novel route to C _n (n) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Chemistry, 1997, 542, 241-246.	0.8	43

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19	Photochemistry and photophysics of the tetrahedral silver(I) complex with diphosphine ligands: [Ag(dppb) ₂]PF ₆ (dppb = 1, 2-bis[diphenylphosphino]benzene). <i>Chemical Communications</i> , 2008, , 6384.	2.2	40
20	Synthesis and Characterization of Phenanthrylphosphine Gold Complex: Observation of Au-Induced Blue-Green Phosphorescence at Room Temperature. <i>Inorganic Chemistry</i> , 2005, 44, 1157-1159.	1.9	39
21	Synthesis, Structure and Magnetic Properties of a Linear Trimanganese(III,II,III) Complex Bridged with a (μ-Hydroxo)bis(μ-acetato) Unit. <i>Inorganic Chemistry</i> , 1994, 33, 4613-4614.	1.9	37
22	Photoluminescence properties of TADF-emitting three-coordinate silver(I) halide complexes with diphosphine ligands: a comparison study with copper(I) complexes. <i>Dalton Transactions</i> , 2017, 46, 12446-12455.	1.6	37
23	Palladium-Mediated One-Step Coupling between Polypyridine Metal Complexes: Preparation of Rigid and Dendritic Nano-Sized Ruthenium Complexes. <i>Organometallics</i> , 1999, 18, 112-114.	1.1	35
24	A Light-Harvesting tert-Phosphane Ligand Bearing a Ruthenium(II) Polypyridyl Complex as Substituent. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3472-3474.	7.2	34
25	Near-unity thermally activated delayed fluorescence efficiency in three- and four-coordinate Au(I) complexes with diphosphine ligands. <i>Dalton Transactions</i> , 2018, 47, 8229-8239.	1.6	25
26	The reaction of titanocene bis(ferrocenylacetylide) and bis(ruthenocenylacetylide) with silver cation: formation of bis(Ti-tweezers) silver complexes. <i>Journal of Organometallic Chemistry</i> , 1998, 569, 169-175.	0.8	22
27	Phosphorescence Color Alteration by Changing Counter Anions on Tetrahedral Gold(I) Complexes; Intra- and Interligand π-π Interactions. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3708-3711.	1.0	22
28	Synthesis and molecular structure of an unsymmetric dimanganese(II) carboxylato complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 310.	2.0	18
29	Crystal Structure of Monomeric Arene Chloro Ruthenium(II) Complex, [RuCl ₂ C ₆ H ₆ (MeCN)].. <i>Analytical Sciences</i> , 2000, 16, 777-779.	0.8	18
30	Photophysics and photochemistry of biphenyl triphenylphosphine gold(I) complexes. <i>Chemical Physics Letters</i> , 2007, 436, 89-93.	1.2	17
31	Intra-Complex Energy Transfer of Europium(III) Complexes Containing Anthracene and Phenanthrene Moieties. <i>Journal of Physical Chemistry A</i> , 2009, 113, 10895-10902.	1.1	16
32	Luminescence color alteration induced by trapped solvent molecules in crystals of tetrahedral gold(I) complexes: near-unity luminescence mixed with thermally activated delayed fluorescence and phosphorescence. <i>Dalton Transactions</i> , 2019, 48, 9094-9103.	1.6	12
33	Synthesis and Luminescence Properties of Ru ₂ /Cu, Ru ₂ /Ni, and Ru ₂ /Os Mixed Metal Polypyridine Complexes Bound by 1,3,5-Triethynylbenzene. <i>Chemistry Letters</i> , 1998, 27, 1081-1082.	0.7	11
34	Dimanganese Complexes Bridged with a (μ ^{1/4} -X)(μ ^{1/4} -Carboxylato) Unit as Models for the Active Site of Manganese Catalase (X = OH, O or (O) ₂). <i>Chemistry Letters</i> , 1997, 26, 919-920.	0.7	8
35	Phosphorous atom induced intramolecular charge transfer fluorescence in 9-diphenylphosphinophenanthrene. <i>Chemical Physics Letters</i> , 2006, 427, 338-342.	1.2	7
36	A Monomeric Zinc Complex Ligated by an Unsymmetric Hydrotris(pyrazolyl)borate Containing an OH Group. <i>Chemistry Letters</i> , 1996, 25, 397-398.	0.7	5

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37	Photochemical reaction of dimethylarsinous iodide in aerated methanol: A contribution to arsenic radical chemistry. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 195, 175-182.	2.0	5
38	Manganese Complexes Modeling the Active Sites of Manganese Proteins.. Yuki Gosei <i>Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1993, 51, 921-930.	0.0	4
39	Photoluminescent properties and molecular structures of dinuclear gold(i) complexes with bridged diphosphine ligands: near-unity phosphorescence from 3XMMCT/3MC. <i>Dalton Transactions</i> , 2020, 49, 15204-15212.	1.6	3
40	Ultrafast dynamics of an azobenzene-containing molecular shuttle based on a rotaxane. <i>Chemical Communications</i> , 2022, 58, 961-964.	2.2	3
41	Facile Reductive Coupling Reaction of Bis(ruthenocenylolethynyl)titanocene Complexes via Visible Light-Activation of the Ruthenocenyl Terminal. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 814-817.	2.0	1
42	Synthesis and Photophysical Properties of Heptanuclear Complexes with Three Dimensional Rod-like Rigidity. , 1999, , .		0