Naoto Ishikawa

List of Publications by Year
in descending order

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48	6,530	279798	197818
papers	citations	23 h-index	49 g-index

50	50	50	3854
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetic interaction of photoexcited terbiumâ€“porphyrin complexes with non-aromatic ligands having different symmetries. Dalton Transactions, 2022, 51, 6186-6196.	3.3	3
2	Janus Pyrrolopyrrole Azaâ€dipyrrin: Hydrogenâ€Bonded Assemblies and Slow Magnetic Relaxation of the Cobalt(II) Complex in the Solid State. Chemistry - A European Journal, 2021, 27, 12686-12692.	3.3	2
3	Antiparallel Coupling between a 4f System and a Photoexcited Cyclic Ï€ System in a Dysprosium(III) Monoporphyrinato Complex. Inorganic Chemistry, 2021, 60, 14418-14425.	4.0	7
4	Intramolecular Magnetic Interaction in a Photogenerated Dual Angular Momentum System in a Terbiumâ€“Phthalocyaninato 1:1 Complex. Inorganic Chemistry, 2021, 60, 2037-2044.	4.0	10
5	Spectroscopic Investigation of Interaction between the 4f Electronic System and the Photoexcited Cyclic Ï€ System in Terbium(III) Monoporphyrinato Complex. Inorganic Chemistry, 2020, 59, 14326-14336.	4.0	8
6	Determination of ligand field splitting in lanthanide(<scp>iii</scp>) monoporphyrinato complexes. Dalton Transactions, 2019, 48, 7685-7692.	3.3	13
7	Synthesis of a Neutral Mononuclear Four-Coordinate Co(II) Complex Having Two Halved Phthalocyanine Ligands That Shows Slow Magnetic Relaxations under Zero Static Magnetic Field. Inorganic Chemistry, 2019, 58, 5211-5220.	4.0	14
8	Synthesis of a Series of Monophthalocyaninato Cyclen Heavy Lanthanide(III) Complexes with Tetragonal Symmetry. Inorganic Chemistry, 2018, 57, 668-675.	4.0	12
9	System Composed of Three Types of Electronic Angular Momenta: A Jâ€“Sâ€“L Triad in a Photoexcited Ï€-Radical Bis(phthalocyaninato)terbium Single-Molecule Magnet. Inorganic Chemistry, 2018, 57, 15438-15444.	4.0	6
10	Coupling between the photo-excited cyclic Ï€ system and the 4f electronic system in a lanthanide single molecule magnet. Chemical Communications, 2017, 53, 6168-6171.	4.1	20
11	Observation of magnetic interactions between localized 4f- and itinerant Ï€-electrons in a single crystal of cationic bisphthalocyanine complexes containing diluted spin centres. Dalton Transactions, 2017, 46, 12421-12424.	3.3	5
12	Selective Stabilization of the Spin States of a Magnetically Anisotropic Dysprosium Ion Induced by Photoâ€Excitation of the Associated Cyclic Ï€â€Conjugated System. Chemistry - A European Journal, 2017, 23, 16357-16363.	3.3	10
13	Synthesis of a Series of Heavy Lanthanide(III) Monoporphyrinato Complexes with Tetragonal Symmetry. Inorganic Chemistry, 2017, 56, 10625-10632.	4.0	15
14	Ligand-Field Energy Splitting in Lanthanide-Based Single-Molecule Magnets by NMR Spectroscopy. Inorganic Chemistry, 2017, 56, 15285-15294.	4.0	31
15	Effect of Protonation on the Single-molecule-magnet Behavior of a Mixed (Phthalocyaninato)(porphyrinato)terbium Double-decker Complex. Chemistry Letters, 2015, 44, 668-670.	1.3	15
16	Solvent-dependent morphology of thermally converted copper phthalocyanine for solution-processed small molecule organic photovoltaic devices. Organic Electronics, 2014, 15, 139-143.	2.6	10
17	Magnetic Relaxations Arising from Spinâ€“Phonon Interactions in the Nonthermally Activated Temperature Range for a Double-Decker Terbium Phthalocyanine Single Molecule Magnet. Inorganic Chemistry, 2014, 53, 9080-9086.	4.0	37
18	Switching of Singleâ€Molecule Magnetic Properties of Tb^{III}â€“Porphyrin Doubleâ€Decker Complexes and Observation of Their Supramolecular Structures on a Carbon Surface. Chemistry - A European Journal, 2014, 20, 11362-11369.	3.3	28

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19	Facile, liquid phase preparation of copper phthalocyanine microcrystals by means of thermal conversion of the dimethoxy-substituted solvent soluble phthalocyanine precursors. Dyes and Pigments, 2014, 109, 151-154.	3.7	5
20	Formation and Crystal Structure of a Novel Zinc Phthalocyanine Analogue Having an Axial Isoindole Ligand Obtained by Lithium-mediated Reactions under Mild Conditions. Chemistry Letters, 2014, 43, 925-927.	1.3	6
21	Surface Self-Assembly of <i>Trans</i>-Substituted Porphyrin Double-Decker Complexes Exhibiting Slow Magnetic Relaxation. E-Journal of Surface Science and Nanotechnology, 2014, 12, 124-128.	0.4	6
22	First example of a hexadentate bicyclic phthalocyanine analogue containing a divalent metal center. Dalton Transactions, 2013, 42, 16486.	3.3	8
23	Proton-induced switching of the single molecule magnetic properties of a porphyrin based TbIII double-decker complex. Chemical Communications, 2012, 48, 7796.	4.1	70
24	Facile one-pot preparation of thermally and photochemically convertible soluble precursors of copper phthalocyanine and naphthalocyanine. Chemical Communications, 2011, 47, 8518.	4.1	18
25	Effect of Chain Length on Thermal Conversion of Alkoxy-Substituted Copper Phthalocyanine Precursors. Inorganic Chemistry, 2011, 50, 11832-11837.	4.0	15
26	Effects of Chemically Induced Contraction of a Coordination Polyhedron on the Dynamical Magnetism of Bis(phthalocyaninato)disprosium, a Single-4f-Ionic Single-Molecule Magnet with a Kramers Ground State. Inorganic Chemistry, 2008, 47, 10217-10219.	4.0	149
27	The Effect of the f-f Interaction on the Dynamic Magnetism of a Coupled 4f8 System in a Dinuclear Terbium Complex with Phthalocyanines. Angewandte Chemie - International Edition, 2005, 44, 731-733.	13.8	153
28	Quantum Tunneling of Magnetization in Lanthanide Single-Molecule Magnets: Bis(phthalocyaninato)terbium and Bis(phthalocyaninato)dysprosium Anions. Angewandte Chemie - International Edition, 2005, 44, 2931-2935.	13.8	581
29	Nuclear Spin Driven Quantum Tunneling of Magnetization in a New Lanthanide Single-Molecule Magnet:Â Bis(Phthalocyaninato)holmium Anion. Journal of the American Chemical Society, 2005, 127, 3650-3651.	13.7	479
30	Mononuclear Lanthanide Complexes with a Long Magnetization Relaxation Time at High Temperatures:â€‰ A New Category of Magnets at the Single-Molecular Level. Journal of Physical Chemistry B, 2004, 108, 11265-11271.	2.6	443
31	Upward Temperature Shift of the Intrinsic Phase Lag of the Magnetization of Bis(phthalocyaninato)terbium by Ligand Oxidation Creating anS=1/2Spin. Inorganic Chemistry, 2004, 43, 5498-5500.	4.0	237
32	Determination of Ligand-Field Parameters and f-Electronic Structures of Double-Decker Bis(phthalocyaninato)lanthanide Complexes. Inorganic Chemistry, 2003, 42, 2440-2446.	4.0	320
33	Lanthanide Double-Decker Complexes Functioning as Magnets at the Single-Molecular Level. Journal of the American Chemical Society, 2003, 125, 8694-8695.	13.7	2,257
34	Study of1H NMR Spectra of Dinuclear Complexes of Heavy Lanthanides with Phthalocyanines Based on Separation of the Effects of Two Paramagnetic Centers. Journal of Physical Chemistry A, 2003, 107, 7879-7884.	2.5	60
35	Simultaneous Determination of Ligand-Field Parameters of Isostructural Lanthanide Complexes by Multidimensional Optimization. Journal of Physical Chemistry A, 2003, 107, 5831-5835.	2.5	77
36	Interaction between f-Electronic Systems in Dinuclear Lanthanide Complexes with Phthalocyanines. Journal of the American Chemical Society, 2002, 124, 11440-11447.	13.7	202

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37	Determination of Ligand-Field Parameters and f-Electronic Structures of Hetero-Dinuclear Phthalocyanine Complexes with a Diamagnetic Yttrium(III) and a Paramagnetic Trivalent Lanthanide Ion. Journal of Physical Chemistry A, 2002, 106, 9543-9550.	2.5	132
38	Electronic structures and spectral properties of double- and triple-decker phthalocyanine complexes in a localized molecular orbital view. Journal of Porphyrins and Phthalocyanines, 2001, 05, 87-101.	0.8	62
39	Q-Chem 2.0: a high-performanceab initio electronic structure program package. Journal of Computational Chemistry, 2000, 21, 1532-1548.	3.3	617
40	Q-Chem 2.0: a high-performance ab initio electronic structure program package. , 2000, 21, 1532.		2
41	Axially Polarized NIR Absorption Bands in Electron-deficient Lanthanide Phthalocyanine Dimers and Trimers. Journal of Porphyrins and Phthalocyanines, 1999, 03, 514-521.	0.8	27
42	Excited States of the Lutetium Phthalocyanine Trimer:Â Semiempirical Molecular Orbital and Localized Orbital Study. The Journal of Physical Chemistry, 1996, 100, 8722-8730.	2.9	38
43	Thermally Accessible Triplet State in a Phthalocyanine Assembly System Which is Formed from Crown-Ether-Substituted Lutetium Phthalocyanine Dimer Radicals in the Presence of Potassium Ion. Molecular Crystals and Liquid Crystals, 1996, 286, 263-268.	0.3	14
44	Localized orbital study on the electronic structure of phthalocyanine dimers. The Journal of Physical Chemistry, 1992, 96, 8832-8839.	2.9	106
45	Hole delocalization in naphthalocyaninatophthalocyaninatolutetium (III). Chemical Physics Letters, 1991, 180, 51-56.	2.6	70
46	In-situobservation of Î³â†'Î± transformation of Fe particles in a Cu-Fe alloy. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1991, 64, 387-394.	0.6	11
47	Effect of an internal stress on formation of stacking fault tetrahedra in an electron-irradiated Cu-Fe alloy. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1990, 61, 929-941.	0.6	5
48	Formation of stacking fault tetrahedra around Î±-Fe particles in a Cuâ€"Fe alloy. Philosophical Magazine Letters, 1989, 60, 255-259.	1.2	1