

Takefumi Yoshida

List of Publications by Year in descending order

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53
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53
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762
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous Molecular Conductor: Electrochemical Fabrication of Through-Space Conduction Pathways among Linear Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2019, 141, 6802-6806.	13.7	94
2	Construction of Coordination Nanosheets Based on Tris(2,2'-bipyridine)-Iron (Fe ²⁺) Complexes as Potential Electrochromic Materials. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11893-11903.	8.0	61
3	Direct Observation of Ordered High-Spin/Low-Spin Intermediate States of an Iron(III) Three-Step Spin-Crossover Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5184-5189.	13.8	59
4	Transparent Supercapacitor Display with Redox-Active Metallo-Supramolecular Polymer Films. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16342-16349.	8.0	41
5	Dual-Branched Dense Hexagonal Fe(II)-Based Coordination Nanosheets with Red-to-Colorless Electrochromism and Durable Device Fabrication. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31896-31903.	8.0	36
6	Slow Magnetic Relaxation in a Palladium-Gadolinium Complex Induced by Electron Density Donation from the Palladium Ion. <i>Chemistry - A European Journal</i> , 2018, 24, 9285-9294.	3.3	34
7	Thermally stable electrochromic devices using Fe(II)-based metallo-supramolecular polymer. <i>Solar Energy Materials and Solar Cells</i> , 2019, 200, 110000.	6.2	34
8	Field-Induced Slow Magnetic Relaxation of Gd ^{III} Complex with a Pt-Gd Heterometallic Bond. <i>Chemistry - A European Journal</i> , 2017, 23, 4551-4556.	3.3	32
9	Dual-Redox System of Metallo-Supramolecular Polymers for Visible-to-Near-IR Modulable Electrochromism and Durable Device Fabrication. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 58277-58286.	8.0	29
10	Emergence of Metallic Conduction and Cobalt(II)-Based Single-Molecule Magnetism in the Same Temperature Range. <i>Journal of the American Chemical Society</i> , 2021, 143, 4891-4895.	13.7	21
11	An Organic-Inorganic Hybrid Exhibiting Electrical Conduction and Single-Ion Magnetism. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2399-2406.	13.8	19
12	Emergence of electrical conductivity in a flexible coordination polymer by using chemical reduction. <i>Chemical Communications</i> , 2020, 56, 8619-8622.	4.1	19
13	Optically Visible Phase Separation between Mott-Hubbard and Charge-Density-Wave Domains in a Pd-Br Chain Complex. <i>ChemistrySelect</i> , 2016, 1, 259-263.	1.5	18
14	Direct Observation of Ordered High-Spin/Low-Spin Intermediate States of an Iron(III) Three-Step Spin-Crossover Complex. <i>Angewandte Chemie</i> , 2016, 128, 5270-5275.	2.0	17
15	Modulation of a coordination structure in a europium(III)-based metallo-supramolecular polymer for high proton conduction. <i>RSC Advances</i> , 2018, 8, 37193-37199.	3.6	16
16	Ru(II)-Based Metallo-Supramolecular Polymer with Tetrakis(N-methylbenzimidazolyl)bipyridine for a Durable, Nonvolatile, and Electrochromic Device Driven at 0.6 V. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 31153-31162.	8.0	16
17	Multiple Magnetic Relaxation Pathways and Dual-Emission Modulated by a Heterometallic Tb-Pt Bonding Environment. <i>Chemistry - A European Journal</i> , 2017, 23, 10527-10531.	3.3	15
18	Precise Synthesis of Alternate Fe(II)/Os(II)-Based Bimetallic Metallo-Supramolecular Polymer. <i>Macromolecular Rapid Communications</i> , 2020, 41, 1900384.	3.9	15

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19	Electro-Oxidation Reaction of Methanol over $\text{LaSrNiO}_{4+\delta}$ Ruddlesden-Popper Oxides. ACS Applied Energy Materials, 2022, 5, 503-515.	5.1	15
20	Macro- and atomic-scale observations of a one-dimensional heterojunction in a nickel and palladium nanowire complex. Nature Communications, 2022, 13, 1188.	12.8	15
21	Electrochromic devices using Fe(II)-based metallo-supramolecular polymer: Introduction of ionic liquid as electrolyte to enhance the thermal stability. Journal of the Society for Information Display, 2019, 27, 661-666.	2.1	14
22	Proton Conductivity of Metallo-Supramolecular Polymer Boosted by Lithium Ions. ACS Applied Polymer Materials, 2020, 2, 326-334.	4.4	14
23	Simultaneous manifestation of metallic conductivity and single-molecule magnetism in a layered molecule-based compound. Chemical Science, 2020, 11, 11154-11161.	7.4	13
24	One-Step Synthesis of a Three-Dimensionally Hyperbranched Fe(II)-Based Metallo-Supramolecular Polymer Using an Asymmetrical Ditopic Ligand for Durable Electrochromic Films with Wide Absorption, Large Optical Contrast, and High Coloration Efficiency. ACS Applied Electronic Materials, 2021, 3, 2044-2055.	4.3	13
25	Ln^{III} -Pt electron polarization effects on the magnetic relaxation of heterometallic Ho^{III} and Er^{III} -Pt complexes. Dalton Transactions, 2019, 48, 7144-7149.	3.3	10
26	Conductive zigzag Pd^{III} -Br chain complex realized by a multiple-hydrogen-bond approach. CrystEngComm, 2020, 22, 3999-4004.	2.6	10
27	Periodicity of Single-Molecule Magnet Behaviour of Heterotetranuclear Lanthanide Complexes across the Lanthanide Series: A Compendium. Chemistry - A European Journal, 2020, 26, 6036-6049.	3.3	9
28	Ionic-caged heterometallic bismuth-platinum complex exhibiting electrocatalytic CO_2 reduction. Dalton Transactions, 2020, 49, 2652-2660.	3.3	9
29	An unusual Pd^{III} oxidation state in the Pd^{III} -Cl chain complex with high thermal stability and electrical conductivity. Dalton Transactions, 2021, 50, 1614-1619.	3.3	9
30	Ni(III) Mott-Hubbard-like State Containing High-Spin Ni(II) in a Semiconductive Bromide-Bridged Ni-Chain Compound. Inorganic Chemistry, 2022, 61, 9504-9513.	4.0	8
31	Temperature dependence of Peierls-Hubbard phase transition in $[\text{Pd}(\text{cptn})_2\text{Br}]_n$ studied by scanning tunneling microscopy. Japanese Journal of Applied Physics, 2016, 55, 08NB16.	1.5	6
32	Electrochromic Os-based metallo-supramolecular polymers: electronic state tracking by <i>in situ</i> XAFS, IR, and impedance spectroscopies. RSC Advances, 2020, 10, 24691-24696.	3.6	6
33	Reversible four-color electrochromism triggered by the electrochemical multi-step redox of Cr-based metallo-supramolecular polymers. RSC Advances, 2020, 10, 10904-10909.	3.6	6
34	Elucidating 2D Charge Density Wave Atomic Structure in an MX_2 Chain by the 3D Pair Distribution Function Method**. ChemPhysChem, 2022, 23, .	2.1	6
35	Diversity in Design of Electrochromic Devices with Metallo-Supramolecular Polymer: Multi-Patterned and Tube-Shaped Displays. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2018, 31, 343-347.	0.3	5
36	Observation of charge bistability in quasi-one-dimensional halogen-bridged palladium complexes by X-ray absorption spectroscopy. Dalton Transactions, 2019, 48, 11628-11631.	3.3	5

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37	An Organic-Inorganic Hybrid Exhibiting Electrical Conduction and Single-Ion Magnetism. <i>Angewandte Chemie</i> , 2020, 132, 2420-2427.	2.0	5
38	One-Pot Synthesis of Three-Dimensionally Hyperbranched Eu/Fe-Based Heterometallo-Supramolecular Polymers as Thermally Tough Proton-Conducting Nanoparticles. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4439-4448.	4.4	5
39	Ni(II)-Based Metallosupramolecular Polymer with Carboxylic Acid Groups: A Stable Platform for Smooth Imidazole Loading and the Anhydrous Proton Channel Formation. <i>ACS Omega</i> , 2020, 5, 14796-14804.	3.5	5
40	Heterospin frustration in a metal-fullerene-bonded semiconductive antiferromagnet. <i>Nature Communications</i> , 2022, 13, 495.	12.8	5
41	Insight into the Gd-Pt Bond: Slow Magnetic Relaxation of a Heterometallic Gd-Pt Complex. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 513-521.	3.2	3
42	Slow magnetic relaxation in a Tb-based coordination polymer. <i>Dalton Transactions</i> , 2018, 47, 16066-16071.	3.3	2
43	Synchrotron-radiation-based Mössbauer absorption spectroscopy with high resonant energy nuclides. <i>Hyperfine Interactions</i> , 2019, 240, 1.	0.5	2
44	¹⁶¹ Dy synchrotron-radiation-based Mössbauer absorption spectroscopy. <i>Hyperfine Interactions</i> , 2022, 243, 1.	0.5	2
45	Slow Magnetic Relaxation in a Palladium-Gadolinium Complex Induced by Electron Density Donation from the Palladium Ion. <i>Chemistry - A European Journal</i> , 2018, 24, 9169-9169.	3.3	0
46	Elucidating 2D Charge-Density-Wave Atomic Structure in an MX ₂ Chain by the 3D Pair Distribution Function Method. <i>ChemPhysChem</i> , 2022, 23, e202200120.	2.1	0
47	Hidden Heterometallic Interaction Emerging from Resonant Inelastic X-ray Scattering in Luminescent Tb-Pt Molecules. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7973-7979.	3.1	0