Kiyonori Takahashi

List of Publications by Year
in descending order

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43	853	686830 13	500791 28
papers	citations	h-index	g-index

45	45	45	1060
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanical Force Induced Formation of Extrinsic Micropores in Coordination Polymers. Inorganic Chemistry, 2022, 61, 3379-3386.	1.9	1
2	A Series of Bisamideâ€Substituted Diacetylenes Exhibiting a Terminal Alkyl Odd/Even Parity Effect on Mechanoactivated Photopolymerization. Chemistry - A European Journal, 2021, 27, 3832-3841.	1.7	6
3	A hydrogen-bonded organic framework based on redox-active tri(dithiolylidene)cyclohexanetrione. Chemical Communications, 2021, 57, 1157-1160.	2.2	9
4	Two-step mechanoresponsive luminescence and mechanical stimuli-induced release of small molecules exhibited by a luminescent cyclophane. Journal of Materials Chemistry C, 2021, 9, 1671-1677.	2.7	10
5	Molecular motion of halogenated ethylammonium/[18]crown-6 supramolecular ions in nickel dithiolate magnetic crystals. CrystEngComm, 2021, 23, 2756-2763.	1.3	5
6	Dipole fluctuation and structural phase transition in hydrogen-bonding molecular assemblies of mononuclear CuII complexes with polar fluorobenzoate ligands. Dalton Transactions, 2021, 50, 13680-13685.	1.6	3
7	A proton conductive hydrogen-bonded framework incorporating 18-crown-6-ether and dicarboxy-o-terphenyl moieties. Materials Advances, 2021, 2, 5639-5644.	2.6	16
8	Crystal structure of a 1,6-bis(phenylethynyl)pyrene-based cyclophane that exhibits mechanochromic luminescence. Molecular Systems Design and Engineering, 2021, 6, 1039-1046.	1.7	6
9	Substituent Effect on Molecular Motions of m-Halogenated Anilinium/Dibenzo[18]crown-6 Supramolecular Cations in [Ni(dmit)2]â^' Crystals. Crystal Growth and Design, 2021, 21, 2340-2347.	1.4	2
10	A Temporarily Pore-Openable Porous Coordination Polymer for Guest Adsorption/Desorption. Inorganic Chemistry, 2021, 60, 4531-4538.	1.9	10
11	A Hydrogen-Bonded Organic Framework Based on Pyrazinopyrazine. Crystal Growth and Design, 2021, 21, 4656-4664.	1.4	12
12	Gas sorption of nano-porous supramolecules formed by multi-hydrogen bonded coordination capsules. Chemical Communications, 2021, 57, 2249-2252.	2.2	4
13	Crystal structure and thermoresponsive luminescence of a 9,10-bis(phenylethynyl)anthracene-based cyclophane. Molecular Systems Design and Engineering, 2020, 5, 205-211.	1.7	5
14	Mechanochromic Luminescence from Crystals Consisting of Intermolecular Hydrogenâ€Bonded Sheets. Chemistry - an Asian Journal, 2020, 15, 478-482.	1.7	20
15	One-dimensional DABCO hydrogen-bonding chain in a hexagonal channel of magnetic [Ni(dmit)₂]. Dalton Transactions, 2020, 49, 16772-16777.	1.6	3
16	Understanding the interactions between the bis(trifluoromethylsulfonyl)imide anion and absorbed CO2 using X-ray diffraction analysis of a soft crystal surrogate. Communications Chemistry, 2020, 3, .	2.0	7
17	Structural Phase Transitions of a Molecular Metal Oxide. Angewandte Chemie - International Edition, 2020, 59, 22446-22450.	7.2	7
18	Positional Effects of Annelated Pyrazine Rings on Structure and Stability of Hydrogen-Bonded Frameworks of Hexaazatrinaphthylene Derivatives. Crystal Growth and Design, 2020, 20, 3190-3198.	1.4	12

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19	Mechanical and thermal stimuli-induced release of toluene included in luminescent crystals as one-dimensional solvent channels. Journal of Materials Chemistry C, 2020, 8, 10039-10046.	2.7	9
20	A Synchronous Change in Fluid Space and Encapsulated Anions in a Crystalline Polymethylene Unit Containing Metalâ€“Organic Framework. Crystal Growth and Design, 2020, 20, 3596-3600.	1.4	2
21	Solid-State Spin Equilibrium of Ni(cyclam)₂ Complex: Magnetostructural Correlations in Two Polymorphs. Inorganic Chemistry, 2020, 59, 5418-5423.	1.9	7
22	Layered Hydrogen-Bonded Organic Frameworks as Highly Crystalline Porous Materials. , 2020, , 199-220.		2
23	Mixed-halide perovskite synthesis by chemical reaction and crystal nucleation under an optical potential. NPG Asia Materials, 2019, 11, .	3.8	17
24	Photon Recycling by Energy Transfer in Piezochemically Synthesized and Close-Packed Methylammonium Lead Halide Perovskites. Journal of Physical Chemistry C, 2019, 123, 27752-27758.	1.5	13
25	Dielectric and Sorption Responses of Hydrogen-Bonding Network of Amorphous C₆₀(OH)₁₂ and C₆₀(OH)₃₆. Journal of Physical Chemistry C, 2019, 123, 23545-23553.	1.5	9
26	Frontispiece: Hydrogenâ€Bonded Polyrotaxane Cation Structure in Nickel Dithiolate Anion Radical Salts: Ferromagnetic and Semiconducting Behavior Associated with Structural Phase Transition. Chemistry - A European Journal, 2019, 25, .	1.7	0
27	Designing Hydrogenâ€Bonded Organic Frameworks (HOFs) with Permanent Porosity. Angewandte Chemie, 2019, 131, 11278-11288.	1.6	7
28	Designing Hydrogenâ€Bonded Organic Frameworks (HOFs) with Permanent Porosity. Angewandte Chemie - International Edition, 2019, 58, 11160-11170.	7.2	414
29	Hydrogenâ€Bonded Polyrotaxane Cation Structure in Nickel Dithiolate Anion Radical Salts: Ferromagnetic and Semiconducting Behavior Associated with Structural Phase Transition. Chemistry - A European Journal, 2019, 25, 6920-6927.	1.7	13
30	Amplified and Multicolor Emission from Films and Interfacial Layers of Lead Halide Perovskite Nanocrystals. ACS Energy Letters, 2019, 4, 133-141.	8.8	41
31	Porous Organic Frameworks Constructed through Hydrogen-Bonding of Carboxy Groups. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 706-715.	0.0	1
32	Hostâ€“Guest Molecular Crystals of Diamino-4,4-bithiazole and Dynamic Molecular Motions via Guest Sorption. Crystal Growth and Design, 2018, 18, 286-296.	1.4	10
33	Enhancement of Electrocatalytic Oxygen Reduction Activity and Durability of Ptâ€“Ni Rhombic Dodecahedral Nanoframes by Anchoring to Nitrogen-Doped Carbon Support. ACS Omega, 2018, 3, 9052-9059.	1.6	16
34	Crystallization of Methylammonium Lead Halide Perovskites by Optical Trapping. Angewandte Chemie - International Edition, 2018, 57, 13424-13428.	7.2	25
35	Flexible Electronic Substrate Film Fabricated Using Natural Clay and Wood Components with Crossâ€Linking Polymer. Advanced Materials, 2017, 29, 1606512.	11.1	48
36	The crystal design of polar one-dimensional hydrogen-bonded copper coordination complexes. Dalton Transactions, 2016, 45, 3398-3406.	1.6	4

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37	Mesophases and Ionic Conductivities of Simple Organic Salts of M(m-Iodobenzoate) (M = Li+, Na+, K+,) Tj ETQq1 1 0.784314 rgBT /O	1.2	2
38	Structural Flexibilities and Gas Adsorption Properties of One-Dimensional Copper(II) Polymers with Paddle-Wheel Units by Modification of Benzoate Ligands. Inorganic Chemistry, 2015, 54, 9423-9431.	1.9	29
39	Crystal structures, CO₂ adsorption, and dielectric properties of [Cu(<scp>ii</scp>)₂(R-benzoate)₄(pyrazine)]_{âˆž} polymers (R = m-F,) Tj ETQq1 1 0.784314 rgBT	2	43
40	Crystal Structures, Dielectric, and CO₂-Adsorption Properties of One-Dimensional [Cu(II)₂(Adamantane-1-carboxylate)₄(pyrazine)]_{âˆž} Coordination Polymers with Polar Ligands. Science of Advanced Materials, 2014, 6, 1417-1424.	0.1	1
41	Cationâ€“anion packing and molecular motion in (m-fluoroanilinium)(dibenzo[18]crown-6)[Ni(mnt)2]â^'(CH3CN)0.25 crystals. CrystEngComm, 2012, 14, 5235.	1.3	2
42	Huge Dielectric Response and Molecular Motions in Paddleâ€Wheel [Cu^{II}₂(Adamantylcarboxylate)₄(DMF)₂]â‹…(DMF)₂. Chemistry - A European Journal, 2011, 17, 14442-14449.	5.7	16
43	Solvent Dependence of Crystal Structure and Dielectric Relaxation in Ferromagnetic [MnCr(oxalate)₃]^{â^'} Salt. Dalton Transactions, 0, , .	1.6	0