

# Hideki Saitoh

## List of Publications by Year in descending order

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36  
papers

819  
citations

430874

18  
h-index

501196

28  
g-index

36  
all docs

36  
docs citations

36  
times ranked

862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ordering Phase Transition with Symmetry-Breaking from Disorder over Non-Equivalent Sites: Calorimetric and Crystallographic Study of Crystalline d-Sorbose. <i>Crystals</i> , 2020, 10, 361.	2.2	4
2	Cell-quintupling: Structural phase transition in a molecular crystal, bis( <i>trans</i> -4-butylcyclohexyl)methanol. <i>Journal of Chemical Physics</i> , 2017, 146, 074503.	3.0	3
3	Structure and molecular packing in smectic B <sub>Cr</sub> and A <sub>d</sub> phases of Schiff base liquid crystal compounds through the analyses of layer spacing, entropy and crystal structure. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 19434-19441.	2.8	14
4	Reassessment of structure of smectic phases: Nano-segregation in smectic E phase in 4- <i>n</i> -alkyl-4-isothiocyanato-1,1-biphenyls. <i>Journal of Chemical Physics</i> , 2013, 139, 114902.	3.0	30
5	Universality of Molten State of Alkyl Chain in Liquid-Crystalline Mesophases: Smectic E Phase of 6-Alkyl-2-phenylazulene. <i>Bulletin of the Chemical Society of Japan</i> , 2013, 86, 1022-1027.	3.2	34
6	Structure and properties of constituents in hexane extract of frankincense. <i>Journal of Essential Oil Research</i> , 2012, 24, 593-598.	2.7	20
7	New Organic Ferroelectrics: Cocrystal of 5,5-Dimethyl-2,2-bipyridine and Bromanilic Acid. <i>Chemistry Letters</i> , 2012, 41, 119-121.	1.3	14
8	Negative thermal expansion emerging upon structural phase transition in ZrV <sub>2</sub> O <sub>7</sub> and HfV <sub>2</sub> O <sub>7</sub> . <i>Dalton Transactions</i> , 2011, 40, 2242.	3.3	40
9	Solid-State Thiotropolone: An Extremely Rapid Intramolecular Proton Transfer. <i>Journal of Organic Chemistry</i> , 2011, 76, 5457-5460.	3.2	14
10	Effects of Alkyl Length in Ligands in Mixed Valence MMX Complexes: Properties of Pt <sub>2</sub> ( <i>n</i> -HexCS <sub>2</sub> ) <sub>4</sub> I ( <i>n</i> -Hex = <i>n</i> -Hexyl Group). <i>Chemistry Letters</i> , 2009, 38, 1190-1191.	1.3	11
11	One-dimensional correlation in the dipolar Ising crystal tricyclohexylmethanol: crystal structure revisited and heat capacity. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 176219.	1.8	14
12	Successive phase transitions of <i>p</i> -methylbenzyl alcohol crystal studied by X-ray and adiabatic calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 81, 511-521.	3.6	4
13	Effect of intramolecular $\pi\text{-}\pi$ and $\text{CH}\cdots\text{F}$ interactions between ligands on structure, electrochemical and spectroscopic properties of fac-[Re(bpy)(CO) <sub>3</sub> (PR <sub>3</sub> ) <sub>3</sub> ] <sup>+</sup> (bpy = 2,2'-bipyridine; PR <sub>3</sub> = trialkyl or Tj ETQq1 1 0.784314 rg05 /Over	1.3	11
14	Spatially Modulated Refractive Indices and Optical Filter Characteristics in the Light-Induced Metastable State of Na <sub>2</sub> [Fe(CN) <sub>5</sub> NO]·2H <sub>2</sub> O. <i>Journal of Physical Chemistry A</i> , 2002, 106, 3517-3523.	2.5	8
15	Molecular Aggregation States and Polymerizability of Potassium and Calcium 10-Undecenoates in Aqueous Systems. <i>Studies in Surface Science and Catalysis</i> , 2001, , 181-184.	1.5	1
16	Study on thermal degradation mechanisms of comb polyacrylates containing long fluorocarbon side chains by TG/FTIR. <i>Journal of Polymer Science Part A</i> , 2000, 38, 2794-2803.	2.3	5
17	Characterization of poly(styrene-co-methacrylonitrile)s obtained by low-temperature radiation polymerization and thermal degradation behavior measured by Py-GC and CRTG. <i>Journal of Polymer Science Part A</i> , 2000, 38, 3569-3577.	2.3	1
18	Synthesis and properties of [Ru(tpy)(4,4'-X <sub>2</sub> bpy)H] <sup>+</sup> (tpy=2,2':6':2''-terpyridine, bpy=2,2'-bipyridine, X=H and) Tj ETQq0 C	2.4	82

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19	Investigation of the thermal degradation mechanisms of poly(styrene-co-methacrylonitrile)s by flash pyrolysis and TG-FTIR measurements. <i>Polymer Degradation and Stability</i> , 2000, 67, 479-489.	5.8	16
20	New Synthetic Routes to Biscarbonylbipyridinerhenium(I) Complexes via Photochemical Ligand Substitution Reactions, and Their Photophysical and Electrochemical Properties. <i>Inorganic Chemistry</i> , 2000, 39, 2777-2783.	4.0	95
21	Title is missing!. <i>Magyar Árvizsgáló és Vizsgáló Lap</i> , 1999, 57, 847-851.	1.4	20
22	Title is missing!. <i>Magyar Árvizsgáló és Vizsgáló Lap</i> , 1999, 57, 631-642.	1.4	35
23	Influence of molecular arrangement on the $\gamma$ -ray-irradiation solid-state polymerization of 1-octadecyl vinyl ether with a characteristic polymorphism. <i>Journal of Polymer Science Part A</i> , 1999, 37, 3845-3853.	2.3	22
24	Synthesis, structure and redox chemistry of 1,2-bis(ruthenocenyl)ethylene derivatives: a novel structural rearrangement to a (1,4,6-tri- $\mu$ -6-pentafulvadiene)diruthenium complex upon two-electron oxidation. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2215-2224.	1.1	25
25	Effect of $\gamma$ -Ray Irradiation on Polystyrene, Poly(methyl methacrylate), and Their Copolymer Prepared by Cast Polymerization.. <i>Kobunshi Ronbunshu</i> , 1998, 55, 433-439.	0.2	0
26	DSC and X-ray studies on side-chain crystallization of comb-like polymers. <i>Journal of Theoretical Biology</i> , 1997, 49, 115-121.	1.7	27
27	Characterization of microstructure of polyethylenes by differential scanning calorimetry. <i>Thermochimica Acta</i> , 1997, 299, 27-32.	2.7	28
28	A structural rearrangement on the oxidation of 1,2-bis(ruthenocenyl) ethylene derivatives leads to unprecedented (1,4,6-tri- $\mu$ -6-pentafulvadiene) diruthenium complexes. <i>Chemical Communications</i> , 1996, , 25-26.	4.1	20
29	Organic Metal (DIMET)2BF <sub>4</sub> . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995, 51, 1656-1658.	0.4	3
30	Heat capacity measurements and phase transition of crystalline 4,4'-difluoro-p-terphenyl. <i>Journal of Physics and Chemistry of Solids</i> , 1995, 56, 107-115.	4.0	59
31	X-ray study on structural phase transitions of 4,4'-difluoro-p-terphenyl and 4,4'-difluoro-p-quaterphenyl. <i>Solid State Communications</i> , 1994, 91, 89-92.	1.9	17
32	Phase transition in crystalline p-polyphenyls: Heat capacity of 4,4'-difluoro-p-quaterphenyl. <i>Solid State Communications</i> , 1994, 92, 495-499.	1.9	23
33	Phase transition associated with molecular twisting in crystalline 4,4'-difluoro-p-terphenyl displacive or order-disorder transition?. <i>Solid State Communications</i> , 1993, 87, 903-906.	1.9	19
34	Crystal Structures of the Room-Temperature Phase of 4,4'-Difluoro-p-terphenyl and 4,4'-Difluoro-p-quaterphenyl. <i>Bulletin of the Chemical Society of Japan</i> , 1993, 66, 2847-2853.	3.2	22
35	Crystal structures and physical properties of DIMET triiodides. <i>Synthetic Metals</i> , 1992, 52, 87-100.	3.9	8
36	Conducting salts based on some unsymmetrical donors. <i>Synthetic Metals</i> , 1991, 42, 1921-1924.	3.9	2