Hideki Saitoh

List of Publications by Year
in descending order

36	819	430874	501196
papers	citations	18 h-index	28 g-index

36	36	36	862
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New Synthetic Routes to Biscarbonylbipyridinerhenium(I) Complexescis,trans-[Re(X2bpy)(CO)2(PR3)(Y)]n+(X2bpy = 4,4â€˜-X2-2,2â€˜-bipyridine) via Photochemical Ligand Substitution Reactions, and Their Photophysical and Electrochemical Properties. Inorganic Chemistry, 2000, 39, 2777-2783.	4.0	95
2	Synthesis and properties of [Ru(tpy)(4,4â€²-X2bpy)H]+ (tpy=2,2â€²:6â€²,2â€³-terpyridine, bpy=2,2â€²-bipyridine, X=H and) Tj ETQq0 0	2.4	82
3	Effect of intramolecular Ï€â€“Ï€ and CHâ€“Ï€ interactions between ligands on structure, electrochemical and spectroscopic properties of fac-[Re(bpy)(CO)3(PR3)]+(bpy = 2,2â€²-bipyridine; PR3= trialkyl or) Tj ETQq1 1 0.784314 rgBT /Over	2.4	82
4	Heat capacity measurements and phase transition of crystalline 4,4â€³-difluoro-p-terphenyl. Journal of Physics and Chemistry of Solids, 1995, 56, 107-115.	4.0	59
5	Negative thermal expansion emerging upon structural phase transition in ZrV2O7 and HfV2O7. Dalton Transactions, 2011, 40, 2242.	3.3	40
6	Title is missing!. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 1999, 57, 631-642.	1.4	35
7	Universality of Molten State of Alkyl Chain in Liquid-Crystalline Mesophases: Smectic E Phase of 6-Alkyl-2-phenylazulene. Bulletin of the Chemical Society of Japan, 2013, 86, 1022-1027.	3.2	34
8	Reassessment of structure of smectic phases: Nano-segregation in smectic E phase in 4-n-alkyl-4â€²-isothiocyanato-1,1â€²-biphenyls. Journal of Chemical Physics, 2013, 139, 114902.	3.0	30
9	Characterization of microstructure of polyethylenes by differential scanning calorimetry. Thermochimica Acta, 1997, 299, 27-32.	2.7	28
10	DSC and X-ray studies on side-chain crystallization of comb-like polymers. Journal of Theoretical Biology, 1997, 49, 115-121.	1.7	27
11	Synthesis, structure and redox chemistry of 1,2-bis(ruthenocenyl)ethylene derivatives: a novel structural rearrangement to a (Î¼-Î·6âˆ¶Î·6-pentafulvadiene)diruthenium complex upon two-electron oxidation. Journal of the Chemical Society Dalton Transactions, 1998, , 2215-2224.	1.1	25
12	Phase transition in crystalline p-polyphenyls: Heat capacity of 4,4â€´-difluoro-p-quaterphenyl. Solid State Communications, 1994, 92, 495-499.	1.9	23
13	Crystal Structures of the Room-Temperature Phase of 4,4â€³-Difluoro-p-terphenyl and 4,4â€³â€²-Difluoro-p-quaterphenyl. Bulletin of the Chemical Society of Japan, 1993, 66, 2847-2853.	3.2	22
14	Influence of molecular arrangement on the ?-ray-irradiation solid-state polymerization of 1-octadecyl vinyl ether with a characteristic polymorphism. Journal of Polymer Science Part A, 1999, 37, 3845-3853.	2.3	22
15	A structural rearrangement on the oxidation of 1,2-bis(ruthenocenyl) ethylene derivatives leads to unprecedented (Âµ-Î·6:Î·6-pentafulvadiene) diruthenium complexes. Chemical Communications, 1996, , 25-26.	4.1	20
16	Title is missing!. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 1999, 57, 847-851.	1.4	20
17	Structure and properties of constituents in hexane extract of frankincense. Journal of Essential Oil Research, 2012, 24, 593-598.	2.7	20
18	Phase transition associated with molecular twisting in crystalline 4,4â€³-difluoro-p-terphenyl displacive or order-disorder transition?. Solid State Communications, 1993, 87, 903-906.	1.9	19

#	Article	IF	Citations
19	X-ray study on structural phase transitions of 4,4â€³-difluoro-p-terphenyl and 4,4â€´-difluoro-p-quaterphenyl. Solid State Communications, 1994, 91, 89-92.	1.9	17
20	Investigation of the thermal degradation mechanisms of poly(styrene-co-methacrylonitrile)s by flash pyrolysis and TGâ€“FTIR measurements. Polymer Degradation and Stability, 2000, 67, 479-489.	5.8	16
21	One-dimensional correlation in the dipolar Ising crystal tricyclohexylmethanol: crystal structure revisited and heat capacity. Journal of Physics Condensed Matter, 2007, 19, 176219.	1.8	14
22	Solid-State Thiotropolone: An Extremely Rapid Intramolecular Proton Transfer. Journal of Organic Chemistry, 2011, 76, 5457-5460.	3.2	14
23	New Organic Ferroelectrics: Cocrystal of 5,5â€²-Dimethyl-2,2â€²-bipyridine and Bromanilic Acid. Chemistry Letters, 2012, 41, 119-121.	1.3	14
24	Structure and molecular packing in smectic B_{Cr} and A_d phases of Schiff base liquid crystal compounds through the analyses of layer spacing, entropy and crystal structure. Physical Chemistry Chemical Physics, 2017, 19, 19434-19441.	2.8	14
25	Effects of Alkyl Length in Ligands in Mixed Valence MMX Complexes: Properties of Pt2(n-HexCS2)4I (n-Hex = n-Hexyl Group). Chemistry Letters, 2009, 38, 1190-1191.	1.3	11
26	Crystal structures and physical properties of DIMET triiodides. Synthetic Metals, 1992, 52, 87-100.	3.9	8
27	Spatially Modulated Refractive Indices and Optical Filter Characteristics in the Light-Induced Metastable State of Na2[Fe(CN)5NO]Â·2H2O. Journal of Physical Chemistry A, 2002, 106, 3517-3523.	2.5	8
28	Study on thermal degradation mechanisms of comb polyacrylates containing long fluorocarbon side chains by TG/FTIR. Journal of Polymer Science Part A, 2000, 38, 2794-2803.	2.3	5
29	Successive phase transitions of p-methylbenzyl alcohol crystal studied by X-ray and adiabatic calorimetry. Journal of Thermal Analysis and Calorimetry, 2005, 81, 511-521.	3.6	4
30	Ordering Phase Transition with Symmetry-Breaking from Disorder over Non-Equivalent Sites: Calorimetric and Crystallographic Study of Crystalline d-Sorbose. Crystals, 2020, 10, 361.	2.2	4
31	Organic Metal (DIMET)2BF4. Acta Crystallographica Section C: Crystal Structure Communications, 1995, 51, 1656-1658.	0.4	3
32	Cell-quintupling: Structural phase transition in a molecular crystal, bis(trans-4â€“butylcyclohexyl)methanol. Journal of Chemical Physics, 2017, 146, 074503.	3.0	3
33	Conducting salts based on some unsymmetrical donors. Synthetic Metals, 1991, 42, 1921-1924.	3.9	2
34	Characterization of poly(styrene-co-methacrylonitrile)s obtained by low-temperature radiation polymerization and thermal degradation behavior measured by Py-GC and CRTG. Journal of Polymer Science Part A, 2000, 38, 3569-3577.	2.3	1
35	Molecular Aggregation States and Polymerizability of Potassium and Calcium 10-Undecenoates in Aqueous Systems. Studies in Surface Science and Catalysis, 2001, , 181-184.	1.5	1
36	Effect of .GAMMA.-Ray Irradiation on Polystyrene, Poly(methyl methacrylate), and Their Copolymer Prepared by Cast Polymerization.. Kobunshi Ronbunshu, 1998, 55, 433-439.	0.2	0