Isao Yoshikawa

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Spectroscopic Tracking of Salicylideneaniline Photocolored Crystals: An Attempt to Quantify Polymorph-Dependent Features toward Precise Structure–Function Correlation Analysis. Journal of Physical Chemistry A, 2022, 126, 4164-4175.	2.5	2
2	Molecular Structural Insight into the Cold Crystallization Process of Ionic Liquid Crystals. Journal of Physical Chemistry C, 2022, 126, 10668-10676.	3.1	3
3	Ratchet-like mechanism in a long-life photoproduct of salicylideneaniline enclathrated in a pillared-layer guanidinium disulfonate structure. RSC Advances, 2021, 11, 13739-13742.	3.6	1
4	Synthesis, characterization of calix[5]azulene and its complexation with pyridinium salts. Tetrahedron, 2021, 88, 132146.	1.9	4
5	Homologue Approach, an effective way to modify crystal packing: Distinct Odd–Even Effect on Chromic Functions of Salicylidenealkylamines and Finer Classification of Photochromic Behavior Associated with Crystalline Polymorphs. Crystal Growth and Design, 2021, 21, 4121-4132.	3.0	8
6	Cold Crystallization and the Molecular Structure of Imidazolium-Based Ionic Liquid Crystals with a <i>p</i> -Nitroazobenzene Moiety. ACS Omega, 2021, 6, 32869-32878.	3.5	12
7	Seed-triggered solid-to-solid transformation between color polymorphs: striking differences between quasi-isomorphous crystals of dichloro-substituted salicylideneaniline regioisomers. CrystEngComm, 2020, 22, 4903-4913.	2.6	3
8	Accurate chiral pattern recognition for amines from just a single chemosensor. Chemical Science, 2020, 11, 3790-3796.	7.4	34
9	A superelastochromic crystal. Nature Communications, 2020, 11, 1824.	12.8	61
10	Photochromism of salicylideneanilines bearing super bulky substituents: Single-crystal UV-vis spectroscopic examination of bleaching under variable temperature and visible-light irradiation. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 385, 112096.	3.9	11
11	Development of Imidazo[1,2- <i>a</i>]pyridine Derivatives with an Intramolecular Hydrogen-Bonded Seven-Membered Ring Exhibiting Bright ESIPT Luminescence in the Solid State. Organic Letters, 2019, 21, 2143-2146.	4.6	34
12	Re-evaluation of the <i>tert</i> -Butyl Method in Crystal Engineering of Salicylideneanilines by Simultaneous Observation of Photochromism and Thermochromism in Single Crystals. Crystal Growth and Design, 2019, 19, 1384-1390.	3.0	19
13	Insight into Structural Demand for Cold Crystallization of a Small Molecule. A Case Study for Schiff Base Compounds that Exhibit Prototropic Tautomerization. Bulletin of the Chemical Society of Japan, 2018, 91, 669-677.	3.2	19
14	Thermal and spectroscopic studies on the modification of the crystalline structure of a Schiff-base complex induced by a co-existing metallofoldamer in eutectic mixtures. Thermochimica Acta, 2018, 669, 52-59.	2.7	1
15	Dinuclear fused salen complexes of group-10 metals: Peculiarity of the crystal structure and near-infrared luminescence of a bis(Pt-salen) complex. Inorganica Chimica Acta, 2017, 461, 27-34.	2.4	12
16	Spontaneous ligand nitrosation and self-assembly into a pentacopper metallacrown complex. Dalton Transactions, 2017, 46, 2760-2764.	3.3	5
17	Synthesis and Properties of Salicylaldehydes Fineâ€Tuned by Modular Assembly using "Plugâ€andâ€Socketâ€â€Type Extendibility. Chemistry - A European Journal, 2017, 23, 8286-8294. 	3.3	4
18	Single-crystal UV-vis spectroscopic examination of a striking odd–even effect on structure and chromic behaviour of salicylidene alkylamines. Chemical Communications, 2017, 53, 10898-10901.	4.1	15

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19	Effects of interaction between the chelate rings and π onjugated systems in fused salphen complexes on UVâ€Visâ€NIR spectra. Journal of Physical Organic Chemistry, 2017, 30, e3635.	1.9	3
20	Effects of a semiflexible linker on the mechanochromic photoluminescence of bis(Pt-salen) complex. Polyhedron, 2016, 113, 123-131.	2.2	14
21	Supercooling and Cold Crystallization of Ni-salphen Complexes by Hybridization with Bis(Ni-salphen) Containing a Semiflexible Linker. Chemistry Letters, 2016, 45, 1415-1417.	1.3	9
22	Photooxidation and Photoluminescence of Triarylmethane Dye-Conjugated Zinc Complexes: Optical Anisotropy and Optical Activity Emerging from Distinct Crystal Packing Modes. Bulletin of the Chemical Society of Japan, 2015, 88, 698-705.	3.2	3
23	Structural Isomerization and Cold Crystallization of Bis[1-(2-propyl)iminomethylnaphthalen-2-olato]nickel(II) by Thermal Analysis, X-ray Diffraction, and FT-IR. Bulletin of the Chemical Society of Japan, 2015, 88, 989-995.	3.2	12
24	Solid-State Characterization of a Fused Salphen–Nickel Metallopolymer Prepared via Transmetalation in a Heterogeneous Reaction System. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 906-911.	3.7	2
25	Triarylmethane dye-conjugated hexanuclear zinc complexes: Photophysical properties and cyanide anion-binding behavior. Dyes and Pigments, 2015, 121, 372-378.	3.7	3
26	Cold Crystallization in Schiff-Base Nickel(II) Complexes Derived from Three Toluidine Isomers. Journal of Physical Chemistry C, 2014, 118, 27664-27671.	3.1	30
27	Heteroleptic ruthenium complexes with 6-(ortho-substituted phenyl)-2,2′-bipyridine derivatives. Journal of Organometallic Chemistry, 2014, 749, 312-319.	1.8	6
28	Spontaneous helical folding of bis(Ni-salphen) complexes in solution and in the solid state: spectroscopic tracking of the unfolding process induced by Na+ ions. Dalton Transactions, 2014, 43, 5899.	3.3	8
29	Spectroscopic Tracking of Schiff Base Compounds' Hydrogen Bonding Reorganization Associated with Solid-to-Solid Phase Transition. Journal of Physical Chemistry A, 2014, 118, 6979-6984.	2.5	1
30	Coordination Oligomers and Polymers of an Oxazole-appended Zinc Chlorophyll Derivative. Chemistry Letters, 2014, 43, 862-864.	1.3	10
31	Mutual Interference between Intramolecular Proton Transfer Sites through the Adjoining Ï€-Conjugated System in Schiff Bases of Double-Headed, Fused Salicylaldehydes. Journal of Organic Chemistry, 2013, 78, 9021-9031.	3.2	20
32	Amphiphilic sulfamide as a low-molecular-mass hydrogelator: A novel mode of 3-D networks formed by hydrogen-bond-directed 2-D sheet assemblies. Journal of Colloid and Interface Science, 2013, 408, 107-112.	9.4	8
33	A Redox-Active, Amphoteric Pyrogallolaldehyde Derivative: Electrochemical Characterization and Schiff Base Formation for Constructing Multifunctional Salphen Complexes. Bulletin of the Chemical Society of Japan, 2013, 86, 698-706.	3.2	1
34	Solid-state luminescence of tetraphenylpyrene derivatives: mechano/vapochromic luminescence of 1,3,6,8-tetra(4′-carboxyphenyl)pyrene. Journal of Materials Chemistry, 2012, 22, 20065.	6.7	36
35	Dry Micromanipulation of Supramolecular Giant Vesicles on a Silicon Substrate: Highly Stable Hydrogen-Bond-Directed Nanosheet Membrane. Journal of the American Chemical Society, 2012, 134, 15684-15687.	13.7	9
36	Hydrogen-Bond-Directed Giant Unilamellar Vesicles of Guanosine Derivative: Preparation, Properties, and Fusion. Langmuir, 2011, 27, 8653-8658.	3.5	18

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37	Hydrogen-Bond-Directed 2-D Sheet Assemblies of Sulfamide Derivatives: Formation of Giant Vesicles with Patchwork-Like Surface Pattern. Langmuir, 2011, 27, 8950-8955.	3.5	11
38	Relation between Crystal Packing and Optical Anisotropy for Schiff Base-Nickel Complexes that Form Various Ladder-like Hydrogen-Bonding Networks. Crystal Growth and Design, 2011, 11, 5113-5121.	3.0	18
39	Piezochromic luminescence of amide and ester derivatives of tetraphenylpyrene—role of amide hydrogen bonds in sensitive piezochromic response. Journal of Materials Chemistry, 2011, 21, 8347.	6.7	105
40	Blue/Red Linear Dichroic Emission from a Highly Anisotropic Crystal of Triarylmethane Dye Conjugated with Phenoxoâ€Zinc Complexes. Chemistry - A European Journal, 2011, 17, 1122-1127.	3.3	7
41	Hydrogen-Bond-Directed Giant Vesicles of Guanosine Derivatives in Water: Formation, Structure, and Stability. Langmuir, 2010, 26, 8030-8035.	3.5	7
42	Novel sulfamide-type low-molecular-mass gelators: gelation of aqueous, organic, and aqueous/organic biphasic solutions by hydrogen bond-directed 2-D amphiphilic sheet assemblies. Soft Matter, 2010, 6, 5305.	2.7	13
43	Experimental and Theoretical Studies on Constitutional Isomers of 2,6-Dihydroxynaphthalene Carbaldehydes. Effects of Resonance-Assisted Hydrogen Bonding on the Electronic Absorption Spectra. Journal of Organic Chemistry, 2009, 74, 520-529.	3.2	36
44	A High-contrast Dichroic Crystal: A New Metal-containing Tecton with Hybrid Coordination- and Hydrogen-bonding Interactions. Chemistry Letters, 2009, 38, 436-437.	1.3	3
45	Synthesis and Structural Analysis of Triphenylmethane-Based Alkanecarboxamides and Their Assembly into Nanometer-Size Fibrous Objects. Bulletin of the Chemical Society of Japan, 2009, 82, 730-736.	3.2	6
46	Switchable Antenna: A Starâ€ S haped Ruthenium/Osmium Tetranuclear Complex with Azobis(bipyridine) Bridging Ligands. Chemistry - A European Journal, 2008, 14, 2709-2718.	3.3	21
47	Highly Stable Giant Supramolecular Vesicles Composed of 2D Hydrogenâ€Bonded Sheet Structures of Guanosine Derivatives. Angewandte Chemie - International Edition, 2008, 47, 1038-1041.	13.8	68
48	Material Design for Piezochromic Luminescence:Â Hydrogen-Bond-Directed Assemblies of a Pyrene Derivative. Journal of the American Chemical Society, 2007, 129, 1520-1521.	13.7	582
49	Nucleoside-based organogelators: gelation by the G–G base pair formation of alkylsilylated guanosine derivatives. Tetrahedron, 2007, 63, 7474-7481.	1.9	35
50	Photochromism of 2-(Phenylazo)imidazoles. Journal of Physical Chemistry A, 2005, 109, 8064-8069.	2.5	104
51	Nucleobase-Containing Gelators. Topics in Current Chemistry, 2005, 256, 133-165.	4.0	126
52	From Supramolecular Polymers to Supramolecular Materials. Oleoscience, 2005, 5, 265-272.	0.0	0
53	Design and Fabrication of a Flexible and Self-Supporting Supramolecular Film by Hierarchical Control of the Interaction between Hydrogen-Bonded Sheet Assemblies. Angewandte Chemie - International Edition, 2004, 43, 100-103.	13.8	42
54	Use of an adjustable soft segment as an effective molecular design for crystal engineering of hydrogen-bonded tape motifsElectronic supplementary information (ESI) available: figures of tape motifs and table of hydrogen bond distances for alkylsilylated nucleoside crystals. See http://www.rsc.org/suppdata/ob/b3/b315769e/. Organic and Biomolecular Chemistry, 2004, 2, 1125.	2.8	16

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55	Steric-Factor-Directed Alternating Supramolecular Copolymer Composed of Hydrogen-Bonded Cyclohexanetricarboxamide Units. Macromolecular Rapid Communications, 2003, 24, 335-339.	3.9	20
56	Synthesis and Structural, Electrochemical, and Optical Properties of Ru(II) Complexes with Azobis(2,2â€~-bipyridine)s. Inorganic Chemistry, 2003, 42, 3057-3066.	4.0	55
57	Tetranuclear Ru Complex Linked via Redox-Active Azobis(bipyridine) Ligands as a Redox-Responsive Photoswitch. Bulletin of the Chemical Society of Japan, 2003, 76, 1185-1189.	3.2	6
58	Design, Fabrication and Properties of Triamidecyclohexane Supramolecular Fibers Consisted of Hydrogen-Bonded Pseudo-Polymer Chains Kobunshi Ronbunshu, 2002, 59, 616-622.	0.2	3
59	Design, fabrication, and properties of macroscale supramolecular fibers consisted of fully hydrogen-bonded pseudo-polymer chains. Chemical Communications, 2001, , 1826-1827.	4.1	39
60	Title is missing!. Journal of Materials Chemistry, 2001, 11, 3018-3022.	6.7	39
61	Crystal Structure Consisting Both of Segregated and Mixed Donor–Acceptor Columns. Chemistry Letters, 2001, 30, 1144-1145.	1.3	3
62	Study on microstructures of mixed monolayers of poly (octadecylacrylate) and octadecanol in relation to the retardation of water evaporation. Thin Solid Films, 1998, 327-329, 109-112.	1.8	19