

Ichiro Hisaki

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177
papers

4,548
citations

37
h-index

60
g-index

211
ext. papers

5,320
ext. citations

6.1
avg, IF

5.79
L-index

#	Paper	IF	Citations
177	Indeno[2,1-b]fluorene: a 20- π -electron hydrocarbon with very low-energy light absorption. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6076-9	16.4	189
176	Designing Hydrogen-Bonded Organic Frameworks (HOFs) with Permanent Porosity. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11160-11170	16.4	184
175	A boron-containing PAH as a substructure of boron-doped graphene. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 12206-10	16.4	181
174	Regulation of π -stacked anthracene arrangement for fluorescence modulation of organic solid from monomer to excited oligomer emission. <i>Chemistry - A European Journal</i> , 2012 , 18, 4634-43	4.8	161
173	A π -conjugated system with flexibility and rigidity that shows environment-dependent RGB luminescence. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8842-5	16.4	146
172	A Series of Layered Assemblies of Hydrogen-Bonded, Hexagonal Networks of C ₃ -Symmetric π -Conjugated Molecules: A Potential Motif of Porous Organic Materials. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6617-28	16.4	122
171	Acid Responsive Hydrogen-Bonded Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019 , 141, 2111-2121	16.4	113
170	A C ₃ -symmetric macrocycle-based, hydrogen-bonded, multiporous hexagonal network as a motif of porous molecular crystals. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3008-12	16.4	102
169	Synthesis of doubly beta-to-beta 1,3-butadiyne-bridged diporphyrins: enforced planar structures and large two-photon absorption cross sections. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5125-8	16.4	88
168	Anomalous anthracene arrangement and rare excimer emission in the solid state: transcription and translation of molecular information. <i>Organic Letters</i> , 2006 , 8, 4295-8	6.2	87
167	Crystalline host-guest assemblies of steroidal and related molecules: diversity, hierarchy, and supramolecular chirality. <i>Accounts of Chemical Research</i> , 2007 , 40, 694-702	24.3	82
166	A novel strategy for fluorescence enhancement in the solid-state: affording rigidity to fluorophores packing. <i>Chemical Communications</i> , 2006 , 2126-8	5.8	78
165	Tetracyclopenta[def,jkl,pqr,vwx]tetraphenylene: a potential tetraradicaloid hydrocarbon. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2090-4	16.4	77
164	Stacked antiaromatic porphyrins. <i>Nature Communications</i> , 2016 , 7, 13620	17.4	76
163	Synthesis of corrole derivatives through regioselective Ir-catalyzed direct borylation. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6763-6	16.4	75
162	Systematic investigation of molecular arrangements and solid-state fluorescence properties on salts of anthracene-2,6-disulfonic acid with aliphatic primary amines. <i>Chemistry - A European Journal</i> , 2009 , 15, 8175-84	4.8	72
161	Indeno[2,1-b]fluorene: A 20- π -Electron Hydrocarbon with Very Low-Energy Light Absorption. <i>Angewandte Chemie</i> , 2013 , 125, 6192-6195	3.6	71

160	Superstructure-dependent optical and electrical properties of an unusual face-to-face, pi-stacked, one-dimensional assembly of dehydrobenzo[12]annulene in the crystalline state. <i>Chemistry - A European Journal</i> , 2008 , 14, 4178-87	4.8	68
159	Benz[c]indeno[2,1-a]fluorene: a 2,3-naphthoquinodimethane incorporated into an indenofluorene frame. <i>Chemical Science</i> , 2014 , 5, 163-168	9.4	67
158	A Boron-Containing PAH as a Substructure of Boron-Doped Graphene. <i>Angewandte Chemie</i> , 2012 , 124, 12372-12376	3.6	65
157	Docking Strategy To Construct Thermostable, Single-Crystalline, Hydrogen-Bonded Organic Framework with High Surface Area. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12650-12655	16.4	64
156	Strained Dehydrobenzoannulenes. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 833-847	3.2	62
155	Synthesis of highly twisted and fully π -conjugated porphyrinic oligomers. <i>Journal of the American Chemical Society</i> , 2015 , 137, 142-5	16.4	61
154	Guest-responsive fluorescence of inclusion crystals with π -stacked supramolecular beads. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 155-8	16.4	59
153	Octadehydrodibenzo[12]annulene-based organogels: two methyl ester groups prevent crystallization and promote gelation. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5465-9	16.4	56
152	Hexaazatriphenylene-Based Hydrogen-Bonded Organic Framework with Permanent Porosity and Single-Crystallinity. <i>Chemistry - A European Journal</i> , 2017 , 23, 11611-11619	4.8	55
151	Dynamically deformable cube-like hydrogen-bonding networks in water-responsive diamondoid porous organic salts. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1709-12	16.4	48
150	Linkage control between molecular and supramolecular chirality in 2-helical hydrogen-bonded networks using achiral components. <i>Nature Communications</i> , 2013 , 4, 1787	17.4	46
149	A Hydrogen-Bonded Hexagonal Buckybowl Framework. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15294-15298	16.4	44
148	Elucidation of Anthracene Arrangement for Excimer Emission at Ambient Conditions. <i>Crystal Growth and Design</i> , 2013 , 13, 4986-4992	3.5	44
147	Topological classification and supramolecular chirality of 21-helical ladder-type hydrogen-bond networks composed of primary ammonium carboxylates: bundle control in 21-helical assemblies. <i>Chemistry - A European Journal</i> , 2008 , 14, 2984-93	4.8	44
146	Synthesis and Anion-Selective Complexation of Homobenzylic Tripodal Thiourea Derivatives. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 607-615	3.2	41
145	Resonance Raman spectra of polyene molecules C ₁₀ H ₂ and C ₁₂ H ₂ in solution. <i>Chemical Physics Letters</i> , 2007 , 433, 296-300	2.5	41
144	Supramolecular tilt chirality derived from symmetrical benzene molecules: handedness of the 2(1) helical assembly. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 230-8	4.5	41
143	Supramolecular chirality in crystalline assemblies of bile acids and their derivatives; three-axial, tilt, helical, and bundle chirality. <i>Molecules</i> , 2007 , 12, 1973-2000	4.8	40

142	Fluoreno[2,3-b]fluorene vs Indeno[2,1-b]fluorene: Unusual Relationship between the Number of π Electrons and Excitation Energy in m-Quinodimethane-Type Singlet Diradicaloids. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1380-1388	4.2	39
141	Three-dimensional aromaticity in an antiaromatic cyclophane. <i>Nature Communications</i> , 2019 , 10, 3576	17.4	39
140	Diamondoid Porous Organic Salts toward Applicable Strategy for Construction of Versatile Porous Structures. <i>Crystal Growth and Design</i> , 2012 , 12, 4600-4606	3.5	36
139	Supramolecular-tilt-chirality on twofold helical assemblies. <i>Chemistry - A European Journal</i> , 2012 , 18, 10066-73	4.8	36
138	Distinct Guest-Dependent Changes in Arrangements of a Fluorophore and the Corresponding Emission Modes in a Ternary System: Transcription and Translation of Guest Molecular Information. <i>Bulletin of the Chemical Society of Japan</i> , 2007 , 80, 1162-1172	5.1	35
137	Polymorphs of layered assemblies of hydrogen-bonded hexagonal networks caused by conformational frustration. <i>Chemical Communications</i> , 2016 , 52, 300-3	5.8	34
136	Well-designed supramolecular clusters comprising triphenylmethylamine and various sulfonic acids. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2220-3	16.4	34
135	Supramolecular chirality in layered crystals of achiral ammonium salts and fatty acids: A hierarchical interpretation. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4142-5	16.4	33
134	Precise elucidations of stacking manners of hydrogen-bonded two-dimensional organic frameworks composed of X-shaped π -conjugated systems. <i>CrystEngComm</i> , 2017 , 19, 4892-4898	3.3	31
133	Nickel-catalyzed coupling reaction of alkyl halides with aryl Grignard reagents in the presence of 1,3-butadiene: mechanistic studies of four-component coupling and competing cross-coupling reactions. <i>Chemical Science</i> , 2018 , 9, 2195-2211	9.4	31
132	Hydrogen-bonded porous frameworks constructed by rigid π -conjugated molecules with carboxy groups. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2020 , 96, 215-231	1.7	30
131	A C ₃ -Symmetric Macrocyclic-Based, Hydrogen-Bonded, Multiporous Hexagonal Network as a Motif of Porous Molecular Crystals. <i>Angewandte Chemie</i> , 2015 , 127, 3051-3055	3.6	29
130	Synthesis of Corrole Derivatives through Regioselective Ir-Catalyzed Direct Borylation. <i>Angewandte Chemie</i> , 2005 , 117, 6921-6924	3.6	29
129	Characterization of supramolecular hidden chirality of hydrogen-bonded networks by advanced graph set analysis. <i>Chemistry - A European Journal</i> , 2014 , 20, 2478-87	4.8	28
128	Importance of Weak Hydrogen Bonds in the Formation of Cholamide Inclusion Crystals with Aromatic Guests. <i>Crystal Growth and Design</i> , 2008 , 8, 1013-1022	3.5	28
127	Synthesis of Doubly π - π ,3-Butadiyne-Bridged Diporphyrins: Enforced Planar Structures and Large Two-Photon Absorption Cross Sections. <i>Angewandte Chemie</i> , 2007 , 119, 5217-5220	3.6	28
126	Construction of Chiral Polar Crystals from Achiral Molecules by Stacking Control of Hydrogen-Bonded Layers Using Type II Halogen Bonds. <i>Crystal Growth and Design</i> , 2016 , 16, 1626-1635	3.5	27
125	Multifunctionalized porosity in zeolitic diamondoid porous organic salt: selective adsorption and guest-responsive fluorescent properties. <i>Tetrahedron Letters</i> , 2013 , 54, 1268-1273	2	27

124	Polymorphism of Dehydrobenzo[14]annulene Possessing Two Methyl Ester Groups in Noncentrosymmetric Positions. <i>Crystal Growth and Design</i> , 2011 , 11, 5488-5497	3.5	27
123	Template Synthesis of Decaphyrin without Meso-Bridges: Cyclo[10]pyrrole. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7540-3	16.4	26
122	Tetracyclopenta[def,jkl,pqr,vwx]tetraphenylene: A Potential Tetraradicaloid Hydrocarbon. <i>Angewandte Chemie</i> , 2015 , 127, 2118-2122	3.6	26
121	Construction of 1D Stacked superstructures with inclusion channels through symmetry-decreasing crystallization of discotic molecules of C ₃ symmetry. <i>Chemistry - A European Journal</i> , 2011 , 17, 14348-53	4.8	26
120	Guest-Induced Supramolecular Isomerism and Chirality of Brucine Inclusion Crystals with Aliphatic Alcohols: A Hierarchical Interpretation. <i>Bulletin of the Chemical Society of Japan</i> , 2007 , 80, 464-475	5.1	25
119	Alignment of paired molecules of C ₆₀ within a hexagonal platform networked through hydrogen-bonds. <i>Chemical Communications</i> , 2016 , 52, 9781-4	5.8	24
118	Crystalline supramolecular nanofibers based on dehydrobenzoannulene derivatives. <i>Chemistry - A European Journal</i> , 2013 , 19, 15366-77	4.8	24
117	Conformational Polymorphism of Octadehydrodibenzo[12]annulene with Dimethyl Phthalate Moieties. <i>Crystal Growth and Design</i> , 2009 , 9, 414-420	3.5	24
116	Single crystal fluorescence behavior of a new HOF material: a potential candidate for a new LED. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 6929-6939	7.1	22
115	Generation of Supramolecular Chirality around Twofold Rotational or Helical Axes in Crystalline Assemblies of Achiral Components. <i>Symmetry</i> , 2015 , 7, 1914-1928	2.7	22
114	Right- and left-handedness of 2(1) symmetrical herringbone assemblies of benzene. <i>Chemical Communications</i> , 2012 , 48, 2219-21	5.8	22
113	Specific interaction between chloroform and the pockets of triangular annulene derivatives providing symmetry carry-over crystallization. <i>Chemistry - A European Journal</i> , 2009 , 15, 13336-40	4.8	22
112	Topological study of pseudo-cubic hydrogen-bond networks in a binary system composed of primary ammonium carboxylates: an analogue of an ice cube. <i>Chemistry - A European Journal</i> , 2007 , 13, 4163-8	4.8	22
111	The unprecedented J-aggregate formation of rhodamine moieties induced by 9-phenylanthracenyl substitution. <i>Chemical Communications</i> , 2015 , 51, 11580-3	5.8	21
110	Acenaphthylene-fused cyclo[8]pyrroles with intense near-IR-region absorption bands. <i>Chemistry - A European Journal</i> , 2013 , 19, 13970-8	4.8	21
109	Synthesis of directly and doubly linked dioxoisobacteriochlorin dimers. <i>Journal of the American Chemical Society</i> , 2008 , 130, 16172-3	16.4	20
108	Generation and characterization of highly strained dibenzotetrakisdehydro[12]- and dibenzopentakisdehydro[14]annulenes. <i>Journal of Organic Chemistry</i> , 2005 , 70, 1853-64	4.2	20
107	Octadehydrodibenzo[12]annulene-Based Organogels: Two Methyl Ester Groups Prevent Crystallization and Promote Gelation. <i>Angewandte Chemie</i> , 2009 , 121, 5573-5577	3.6	19

106	Modulation of Solid-state Luminescence Quantum Efficiency Based on CH π Intermolecular Interaction. <i>Chemistry Letters</i> , 2008 , 37, 642-643	1.7	18
105	Supramolecular tilt chirality in crystals of steroids and alkaloids. <i>Chirality</i> , 2008 , 20, 330-6	2.1	18
104	Ni(II) tetrahydronorcorroles: antiaromatic porphyrinoids with saturated pyrrole units. <i>Chemical Communications</i> , 2016 , 52, 7106-9	5.8	18
103	Role-allocated combination of two types of hydrogen bonds towards constructing a breathing diamondoid porous organic salt. <i>Chemistry - A European Journal</i> , 2013 , 19, 3006-16	4.8	17
102	Spectroscopy and dynamics of a HOF and its molecular units: remarkable vapor acid sensing. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 10818-10832	7.1	16
101	Halogen bond effect on bundling of hydrogen bonded 2-fold helical columns. <i>CrystEngComm</i> , 2012 , 14, 5749	3.3	16
100	Handedness Determination of 21 Helical Motifs and Hierarchical Analysis of Crystal Structures Based on the Motifs: The Case of Cinchona Alkaloid Derivatives. <i>Crystal Growth and Design</i> , 2010 , 10, 5262-5269	3.5	16
99	Flexible host frameworks with diverse cavities in inclusion crystals of bile acids and their derivatives. <i>Chemical Record</i> , 2009 , 9, 124-35	6.6	16
98	Dependence of the enantioselectivity on reversion of layer directions in cholamide inclusion compounds. <i>Chemical Communications</i> , 2007 , 4257-9	5.8	16
97	Sterically crowded hydrogen-bonded hexagonal network frameworks. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 338-346	7.8	16
96	Docking Strategy To Construct Thermostable, Single-Crystalline, Hydrogen-Bonded Organic Framework with High Surface Area. <i>Angewandte Chemie</i> , 2018 , 130, 12832-12837	3.6	15
95	Crystal structure of quinine: the effects of vinyl and methoxy groups on molecular assemblies of Cinchona alkaloids cannot be ignored. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 2607-14	4.5	15
94	Liquid Crystals Comprising π -Electronic Ions from Porphyrin-Au Complexes. <i>iScience</i> , 2019 , 14, 241-256	6.1	14
93	On-Surface Self-Assembly of a C $_3$ -Symmetric π -Conjugated Molecule Family Studied by STM: Two-Dimensional Nanoporous Frameworks. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2558-2564	4.5	14
92	Excess polarizability reveals exciton localization/delocalization controlled by linking positions on porphyrin rings in butadiyne-bridged porphyrin dimers. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 3384-90	3.8	14
91	Chiral crystallization by non-parallel face contacts on the basis of three-axially asymmetric twofold helices. <i>CrystEngComm</i> , 2013 , 15, 8237	3.3	13
90	Effects of ortho-Phenyl Substitution on Molecular Arrangements of Octadehydrodibenzo[12]annulene. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 323-333	5.1	12
89	Structural transformation between supramolecular nanofibers with drastic change of conductivity by heat and ultrasound. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 1372-6	4.5	12

88	Dynamically Deformable Cube-like Hydrogen-Bonding Networks in Water-Responsive Diamondoid Porous Organic Salts. <i>Angewandte Chemie</i> , 2013 , 125, 1753-1756	3.6	12
87	Guest-induced topological polymorphism of pseudo-cubic hydrogen bond networks robust and adaptable supramolecular synthon. <i>CrystEngComm</i> , 2008 , 10, 263-266	3.3	12
86	Four Kinds of 21Helical Assemblies with the Molecular Tilt as Well as Three-directional and Facial Chirality. <i>Chemistry Letters</i> , 2007 , 36, 234-235	1.7	12
85	21Helical Assemblies of Cinchona Alkaloids in Crystals: Definition of Their Handedness Based on the Molecular Tilt. <i>Chemistry Letters</i> , 2006 , 35, 1274-1275	1.7	12
84	Formation and Characterization of Highly Strained Dibenzopentakisdehydro[14]annulene and Theoretical Study on Its Aromaticity. <i>Chemistry Letters</i> , 2004 , 33, 620-621	1.7	12
83	A Hydrogen-Bonded Hexagonal Buckybowl Framework. <i>Angewandte Chemie</i> , 2017 , 129, 15496-15500	3.6	11
82	CO ₂ Sorption of Layered Hydrogen-bonded Organic Framework Causes Reversible Structural Changes Involving Four Different Crystalline States under Ambient Pressure. <i>Chemistry Letters</i> , 2018 , 47, 1143-1146	1.7	11
81	Deoxycholamide Crystalline Frameworks as a Platform of Highly-Efficient Fluorescence Materials. <i>Crystal Growth and Design</i> , 2011 , 11, 4652-4659	3.5	11
80	Structures of Brucinium Cholate: Bile Acid and Strychnine Derivatives Meet in the Crystals. <i>Crystal Growth and Design</i> , 2009 , 9, 1280-1283	3.5	11
79	Well-Designed Supramolecular Clusters Comprising Triphenylmethylamine and Various Sulfonic Acids. <i>Angewandte Chemie</i> , 2007 , 119, 2270-2273	3.6	11
78	C ₃ Symmetric Hexaphenyltriphenylenehexamide: Molecular Design of Fluorescent Ferroelectrics. <i>ChemistrySelect</i> , 2018 , 3, 10608-10614	1.8	11
77	Amphiphilic inclusion spaces for various guests and regulation of fluorescence intensity of 1,8-bis(4-aminophenyl)anthracene crystals. <i>Chemistry - A European Journal</i> , 2014 , 20, 3069-76	4.8	10
76	Guest-Responsive Fluorescence of Inclusion Crystals with Stacked Supramolecular Beads. <i>Angewandte Chemie</i> , 2012 , 124, 159-162	3.6	10
75	Oxidative cyclodimerization after tandem cyclization of dehydrobenzo[14]annulenes induced by alkyl lithium. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 4184-8	16.4	10
74	Supramolecular Chirality and Isomerism in Cinchonidine Crystals: Hierarchical Analysis on the Basis of the Asymmetric 21Helical Columnar Assembly. <i>Chemistry Letters</i> , 2006 , 35, 806-807	1.7	10
73	Hydrogen-bonded organic frameworks of twisted polycyclic aromatic hydrocarbon. <i>Chemical Communications</i> , 2020 , 56, 13369-13372	5.8	10
72	A Structurally Variable Porous Organic Salt Based on a Multidirectional Supramolecular Cluster. <i>Chemistry - A European Journal</i> , 2016 , 22, 15430-15436	4.8	10
71	Thermoresponsive Emission Switching via Lower Critical Solution Temperature Behavior of Organic-Inorganic Perovskite Nanoparticles. <i>Advanced Materials</i> , 2017 , 29, 1700047	24	9

- 70 Spectroscopy and dynamics of dehydrobenzo[12]annulene derivatives possessing peripheral carboxyphenyl groups: theory and experiment. *Physical Chemistry Chemical Physics*, **2018**, 20, 7415-7427^{3.6} 9
- 69 A facile and versatile approach to efficient enhancement of solid-state luminescence by organic-inorganic hybrid salts. *Dalton Transactions*, **2013**, 42, 15922-6 4.3 9
- 68 Construction of multi-component supramolecular architectures of bile acids and cinchona alkaloids through helical-pitch-synchronized crystallization. *Organic and Biomolecular Chemistry*, **2012**, 10, 5985-92^{2.9} 9
- 67 Isomerism Effect on Flexibility of Layered Frameworks in Organic Salts of 4,4'-Biphenyldisulfonic Acid with Primary Amines. *Chemistry Letters*, **2007**, 36, 280-281 1.7 9
- 66 HOFs under light: Relevance to photon-based science and applications. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, **2021**, 47, 100418 16.4 9
- 65 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 3.5 8
- 64 Doubly N-Methylated Porphyrinoids. *Organic Letters*, **2016**, 18, 3006-9 6.2 7
- 63 Interactions between dehydrobenzo[12]annulene (DBA) and gas molecules: do the preorganized acetylenes work cooperatively?. *Physical Chemistry Chemical Physics*, **2012**, 14, 13918-21 3.6 7
- 62 Reversible transformation and fluorescence modulation in polymorphic crystals of n-butylammonium 2-naphthalenesulfonate. *Synthetic Metals*, **2009**, 159, 905-909 3.6 7
- 61 Multipoint Approximation Method for Handedness Determination of Two-fold Helical Assemblies and Their Bundles. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **2012**, 70, 908-917^{0.2} 7
- 60 Peripheral Modifications of meso-Hydroxy porphyrins: Formation of π -Electronic Anions and Ion-Pairing Assemblies. *Chemistry - A European Journal*, **2019**, 25, 6712-6717 4.8 6
- 59 Arrangement Modulation of π -Stacked Columnar Assemblies of Octadehydrodibenzo[12]annulene: Substituent Effects of Peripheral Thienyl and Phenyl Rings. *Crystal Growth and Design*, **2016**, 16, 714-721^{3.5} 6
- 58 Water inclusion as a trigger for modulation of anthracene arrangement and fluorescence emission of organic salt. *Tetrahedron Letters*, **2014**, 55, 732-736 2 6
- 57 Thermal 8π -electrocyclic reaction of heteroarene tetramers: new efficient access to π -extended cyclooctatetraenes. *Chemical Science*, **2013**, 4, 4465 9.4 6
- 56 Guest-dependent Structural Transformation of Dehydrobenzoannulene Inclusion Crystals Composed of π -Stacked Parallelogram Columnar Motifs. *Chemistry Letters*, **2012**, 41, 1535-1537 1.7 6
- 55 Construction of isostructural hydrogen-bonded organic frameworks: limitations and possibilities of pore expansion. *Chemical Science*, **2021**, 12, 9607-9618 9.4 6
- 54 Gelation or crystallization? Subtle balance of structural factors for assembly of DBA derivatives with methyl esters. *CrystEngComm*, **2015**, 17, 8079-8084 3.3 5
- 53 Shape-Persistent Phenylene-Ethynylene Macrocycles Spectroscopy and Dynamics: From Molecules to the Hydrogen-Bonded Organic Framework Material. *Journal of Physical Chemistry C*, **2020**, 124, 6938-6951^{2.8} 5

52	Crystal Structure of a Hydrogen-bond-assisted Coaxially EStacked Dimer of a Hexadecahydrotribenzo[12]annulene ([12]DBA) Derivative. <i>Chemistry Letters</i> , 2014 , 43, 1104-1106	1.7	5
51	A tunable photoluminescence system consisting of liquid-crystalline trans-alkoxy-nitrostilbenes with n-alkyl chains. <i>Tetrahedron Letters</i> , 2013 , 54, 1649-1653	2	5
50	Thermoswitchable fluorescence organogels based on hydrogen bond-assisted chiral gelators. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 793-800	2.5	5
49	Chirality Generation in Supramolecular Clusters: Analogues of Octacoordinated Polyhedrons. <i>Crystal Growth and Design</i> , 2015 , 15, 658-665	3.5	5
48	Selective guest retention in thermal guest-release process in sandwich-type inclusion crystal of cholic acid. <i>CrystEngComm</i> , 2010 , 12, 1461-1466	3.3	5
47	Supramolecular Chirality in Layered Crystals of Achiral Ammonium Salts and Fatty Acids: A Hierarchical Interpretation. <i>Angewandte Chemie</i> , 2006 , 118, 4248-4251	3.6	5
46	Synthesis of bright red-emissive dicyanoetheno-bridged hexa-peri-hexabenzocoronene dimers. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 1426-1434	3.9	4
45	Triaxially Woven Hydrogen-Bonded Chicken Wires of a Tetrakis(carboxybiphenyl)ethene. <i>Chemistry - A European Journal</i> , 2020 , 26, 17056-17062	4.8	4
44	Oxidative Cyclodimerization After Tandem Cyclization of Dehydrobenzo[14]annulenes Induced by Alkylolithium. <i>Angewandte Chemie</i> , 2013 , 125, 4278-4282	3.6	4
43	Highly Efficient Enantioresolution of 2,2-Dimethyl-3-hexanol with Cholanamide Crystals on the Basis of Intercalation and Bilayer Inversion. <i>Chemistry Letters</i> , 2008 , 37, 1224-1225	1.7	4
42	Topologically Different Two Pseudo-decahedral Hydrogen-bond Networks Composed of Triphenylmethylammonium Phosphonates. <i>Chemistry Letters</i> , 2007 , 36, 1390-1391	1.7	4
41	An Europium (III) Luminophore with Pressure-Sensing Units: Effective Back Energy Transfer in Coordination Polymers with Hexadentate Porous Stable Networks. <i>ChemPlusChem</i> , 2020 , 85, 1989-1993 ^{2.8}		4
40	Quasi single-crystalline transformation of porous frameworks accompanied by interlayer rearrangements of hydrogen bonds. <i>Chemical Communications</i> , 2021 , 57, 8568-8571	5.8	4
39	A New Strategy to Construct Functional Porous Crystals by Mixed Crystallization through Charge-transfer Interactions. <i>Chemistry Letters</i> , 2017 , 46, 225-227	1.7	3
38	Right-handed 2/1 helical arrangement of benzene molecules in cholic acid crystal established by experimental and theoretical circular dichroism spectroscopy. <i>RSC Advances</i> , 2015 , 5, 101110-101114	3.7	3
37	Hierarchical construction of SHG-active polar crystals by using multi-component crystals. <i>Chemical Communications</i> , 2016 , 52, 13710-13713	5.8	3
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