Leonard J Barbour

List of Publications by Year
in descending order

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138 papers	10,741 citations	66250 44 h-index	35168 102 g-index
145 all docs	145 docs citations	145 times ranked	8504 citing authors

#	Article	IF	Citations
1	Inclusion of CO2, NH3, SO2, Cl2 and H2S in porous N4O4-donor macrocyclic Schiff base. Microporous and Mesoporous Materials, 2022, 332, 111708.	2.2	3
2	Solidâ€“Liquid Separation of Xylene Isomers Using a Cu-Based Metallocycle. Crystal Growth and Design, 2022, 22, 2654-2661.	1.4	3
3	Stimuli-Responsive Porous Molecular Crystal with Reversible Modulation of Porosity. ACS Applied Materials & Interfaces, 2022, 14, 1519-1525.	4.0	9
4	Guest-occupiable space in the crystalline solid state: a simple rule-of-thumb for predicting occupancy. Chemical Society Reviews, 2021, 50, 735-749.	18.7	18
5	Tuning extreme anisotropic thermal expansion in 1D coordination polymers through metal selection and solid solutions. Chemical Communications, 2021, 57, 7693-7696.	2.2	4
6	Mechanochemical control of solvent content in a 1D coordination polymer. Journal of Coordination Chemistry, 2021, 74, 190-199.	0.8	1
7	High Pressure In Situ Singleâ€Crystal Xâ€Ray Diffraction Reveals Turnstile Linker Rotation Upon Roomâ€Temperature Stepped Uptake of Alkanes. Angewandte Chemie - International Edition, 2021, 60, 13430-13435.	7.2	18
8	High Pressure In Situ Singleâ€Crystal Xâ€Ray Diffraction Reveals Turnstile Linker Rotation Upon Roomâ€Temperature Stepped Uptake of Alkanes. Angewandte Chemie, 2021, 133, 13542-13547.	1.6	0
9	Colossal Trellislike Single-Crystal to Single-Crystal Structural Transformations in Two 1D Coordination Polymers. Crystal Growth and Design, 2021, 21, 3056-3062.	1.4	1
10	Kinetics and enthalpies of methane adsorption in microporous materials AX-21, MIL-101 (Cr) and TE7. Chemical Engineering Research and Design, 2021, 169, 153-164.	2.7	9
11	Benchmark Acetylene Binding Affinity and Separation through Induced Fit in a Flexible Hybrid Ultramicroporous Material. Angewandte Chemie, 2021, 133, 20546-20553.	1.6	14
12	Hydrogen Adsorption in Metalâ€“Organic Framework MIL-101(Cr)â€”Adsorbate Densities and Enthalpies from Sorption, Neutron Scattering, In Situ X-ray Diffraction, Calorimetry, and Molecular Simulations. ACS Applied Energy Materials, 2021, 4, 7839-7847.	2.5	2
13	Breaking the trade-off between selectivity and adsorption capacity for gas separation. CheM, 2021, 7, 3085-3098.	5.8	68
14	Benchmark Acetylene Binding Affinity and Separation through Induced Fit in a Flexible Hybrid Ultramicroporous Material. Angewandte Chemie - International Edition, 2021, 60, 20383-20390.	7.2	56
15	Solvent-controlled elongation and mechanochemical strain in a metalâ€“organic framework. Dalton Transactions, 2021, 50, 17478-17481.	1.6	1
16	Direct Determination of Enthalpies of Sorption Using Pressureâ€Gradient Differential Scanning Calorimetry: CO 2 â€‰Sorption by Cuâ€HKUST. ChemSusChem, 2020, 13, 102-105.	3.6	10
17	Microporosity of a Guanidinium Organodisulfonate Hydrogenâ€Bonded Framework. Angewandte Chemie - International Edition, 2020, 59, 1997-2002.	7.2	45
18	Microporosity of a Guanidinium Organodisulfonate Hydrogenâ€Bonded Framework. Angewandte Chemie, 2020, 132, 2013-2018.	1.6	14

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19	Pressureâ€Gradient Sorption Calorimetry of Flexible Porous Materials: Implications for Intrinsic Thermal Management. ChemSusChem, 2020, 13, 5220-5223.	3.6	5
20	X-Seed 4: updates to a program for small-molecule supramolecular crystallography. Journal of Applied Crystallography, 2020, 53, 1141-1146.	1.9	83
21	Large negative linear compressibility of a porous molecular co-crystal. Chemical Communications, 2020, 56, 4324-4327.	2.2	11
22	Record-Setting Selectivity for p-Xylene by an Intrinsically Porous Zero-Dimensional Metallocycle. Journal of the American Chemical Society, 2020, 142, 4529-4533.	6.6	49
23	A Multistimulus Responsive Porous Coordination Polymer: Temperature-Mediated Control of Solid-State [2+2] Cycloaddition. Journal of the American Chemical Society, 2019, 141, 11425-11429.	6.6	79
24	CO₂-induced single-crystal to single-crystal transformations of an interpenetrated flexible MOF explained by in situ crystallographic analysis and molecular modeling. Chemical Science, 2019, 10, 10018-10024.	3.7	39
25	Accordion and layer-sliding motion to produce anomalous thermal expansion behaviour in 2D-coordination polymers. Chemical Communications, 2019, 55, 12048-12051.	2.2	14
26	Direct in Situ Crystallographic Visualization of a Dual Mechanism for the Uptake of CO₂ Gas by a Flexible Metalâ€“Organic Framework. Inorganic Chemistry, 2019, 58, 8257-8262.	1.9	7
27	A new dynamic framework with direct in situ visualisation of breathing under CO2 gas pressure. CrystEngComm, 2019, 21, 3415-3419.	1.3	2
28	Awkwardlyâ€Shaped Dimers, Capsules and Tetramers: Molecular and Supramolecular Motifs in C5â€Arylated Chiral Calixsalens. European Journal of Organic Chemistry, 2018, 2018, 1916-1923.	1.2	3
29	Hand-twistable plastically deformable crystals of a rigid small organic molecule. Chemical Communications, 2018, 54, 2994-2997.	2.2	52
30	Reversible Switching between Highly Porous and Nonporous Phases of an Interpenetrated Diamondoid Coordination Network That Exhibits Gateâ€Opening at Methane Storage Pressures. Angewandte Chemie - International Edition, 2018, 57, 5684-5689.	7.2	161
31	Reversible Switching between Highly Porous and Nonporous Phases of an Interpenetrated Diamondoid Coordination Network That Exhibits Gateâ€Opening at Methane Storage Pressures. Angewandte Chemie, 2018, 130, 5786-5791.	1.6	27
32	An unexpected relationship between solvent inclusion and gas sorption properties of chiral calixsalen solids. Supramolecular Chemistry, 2018, 30, 479-487.	1.5	6
33	Large volumetric thermal expansion of a novel organic cocrystal over a wide temperature range. CrystEngComm, 2018, 20, 631-635.	1.3	24
34	Supramolecular solvatochromism: mechanistic insight from crystallography, spectroscopy and theory. Chemical Communications, 2018, 54, 6975-6978.	2.2	13
35	A thermo-responsive structural switch and colossal anisotropic thermal expansion in a chiral organic solid. Chemical Communications, 2018, 54, 3727-3730.	2.2	16
36	Distinctive Three-Step Hysteretic Sorption of Ethane with In Situ Crystallographic Visualization of the Pore Forms in a Soft Porous Crystal. Journal of the American Chemical Society, 2018, 140, 2145-2150.	6.6	43

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37	Solventâ€Mediated Synthesis of Cyclobutane Isomers in a Photoactive Cadmium(II) Porous Coordination Polymer. Angewandte Chemie - International Edition, 2018, 57, 15563-15566.	7.2	40
38	Solventâ€Mediated Synthesis of Cyclobutane Isomers in a Photoactive Cadmium(II) Porous Coordination Polymer. Angewandte Chemie, 2018, 130, 15789-15792.	1.6	7
39	EwaldSphere: an interactive approach to teaching the Ewald sphere construction. Journal of Applied Crystallography, 2018, 51, 1734-1738.	1.9	6
40	Single-Crystal to Single-Crystal Uptake of Volatile Solids and Associated Chromatic Response in a Porous Metallocycle. Inorganic Chemistry, 2018, 57, 12331-12337.	1.9	7
41	Reversible thermosalience of 4-aminobenzonitrile. Chemical Communications, 2018, 54, 6208-6211.	2.2	30
42	Guestâ€Induced Structural Transformations in a Porous Halogenâ€Bonded Framework. Angewandte Chemie - International Edition, 2018, 57, 12086-12091.	7.2	45
43	Guestâ€Induced Structural Transformations in a Porous Halogenâ€Bonded Framework. Angewandte Chemie, 2018, 130, 12262-12267.	1.6	13
44	Visualizing Structural Transformation and Guest Binding in a Flexible Metalâ€“Organic Framework under High Pressure and Room Temperature. ACS Central Science, 2018, 4, 1194-1200.	5.3	46
45	Uniaxial negative thermal expansion induced by moiety twisting in an organic crystal. CrystEngComm, 2018, 20, 5123-5126.	1.3	15
46	Solvatochromism as a probe to observe the solvent exchange process in a 1-D porous coordination polymer with 1-D solvent accessible channels. Chemical Communications, 2017, 53, 5618-5621.	2.2	12
47	Activationâ€Dependent Breathing in a Flexible Metalâ€“Organic Framework and the Effects of Repeated Sorption/Desorption Cycling. Angewandte Chemie - International Edition, 2017, 56, 8874-8878.	7.2	53
48	Activationâ€Dependent Breathing in a Flexible Metalâ€“Organic Framework and the Effects of Repeated Sorption/Desorption Cycling. Angewandte Chemie, 2017, 129, 9000-9004.	1.6	6
49	Solvent- and Pressure-Induced Phase Changes in Two 3D Copper Glutarate-Based Metalâ€“Organic Frameworks via Glutarate (+gauche â‡„ â^’gauche) Conformational Isomerism. Journal of the American Chemical Society, 2017, 139, 5923-5929.	6.6	38
50	A five-fold interpenetrated metalâ€“organic framework showing a large variation in thermal expansion behaviour owing to dramatic structural transformation upon dehydrationâ€“rehydration. Chemical Communications, 2017, 53, 861-864.	2.2	18
51	Inclusion of a dithiadiazolyl radical in a seemingly non-porous solid. Chemical Communications, 2017, 53, 11310-11313.	2.2	16
52	Reversible structural switching of a metalâ€“organic framework by photoirradiation. Chemical Communications, 2017, 53, 11142-11145.	2.2	41
53	Threading the needle: guest transport in a versatile 0D porous molecular crystal. Chemical Communications, 2017, 53, 11306-11309.	2.2	15
54	Molecular recognition and solvatomorphism of a cyclic peptoid: formation of a stable 1D porous framework. CrystEngComm, 2017, 19, 4704-4708.	1.3	17

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55	A Fine-Tuned Metalâ€“Organic Framework for Autonomous Indoor Moisture Control. Journal of the American Chemical Society, 2017, 139, 10715-10722.	6.6	224
56	A Fine-Tuned Fluorinated MOF Addresses the Needs for Trace CO₂ Removal and Air Capture Using Physisorption. Journal of the American Chemical Society, 2016, 138, 9301-9307.	6.6	366
57	Solidâ€State Conformational Flexibility at Work: Zipping and Unzipping within a Cyclic Peptoid Single Crystal. Angewandte Chemie - International Edition, 2016, 55, 4679-4682.	7.2	32
58	Ring size effect on the solid state assembly of propargyl substituted hexa- and octacyclic peptoids. CrystEngComm, 2016, 18, 8838-8848.	1.3	15
59	Creation of new guest accessible space under gas pressure in a flexible MOF: multidimensional insight through combination of in situ techniques. Chemical Communications, 2016, 52, 11374-11377.	2.2	23
60	Giant Hysteretic Sorption of CO₂: In Situ Crystallographic Visualization of Guest Binding within a Breathing Framework at 298 K. Angewandte Chemie - International Edition, 2016, 55, 13271-13275.	7.2	62
61	Giant Hysteretic Sorption of CO₂: In Situ Crystallographic Visualization of Guest Binding within a Breathing Framework at 298 K. Angewandte Chemie, 2016, 128, 13465-13469.	1.6	5
62	Solidâ€State Conformational Flexibility at Work: Zipping and Unzipping within a Cyclic Peptoid Single Crystal. Angewandte Chemie, 2016, 128, 4757-4760.	1.6	6
63	Hydration-dependent anomalous thermal expansion behaviour in a coordination polymer. Chemical Communications, 2016, 52, 3231-3234.	2.2	17
64	Readily prepared inclusion forming chiral calixsalens. Organic and Biomolecular Chemistry, 2016, 14, 669-673.	1.5	21
65	Enclathration and Confinement of Small Gases by the Intrinsically 0D Porous Molecular Solid, Me,H,SiMe₂. Journal of the American Chemical Society, 2016, 138, 4377-4392.	6.6	65
66	Elucidating the mechanism responsible for anomalous thermal expansion in a metalâ€“organic framework. Dalton Transactions, 2016, 45, 4141-4149.	1.6	5
67	Thermoresponsive Organic Inclusion Compounds: Modification of Thermal Expansion Behavior by Simple Guest Replacement. Chemistry of Materials, 2016, 28, 5073-5079.	3.2	24
68	Concomitant polymorphs of p-iso-propylcalix[4]arene. CrystEngComm, 2015, 17, 5129-5133.	1.3	10
69	Extreme Carbon Dioxide Sorption Hysteresis in Openâ€Channel Rigid Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2015, 54, 2079-2083.	7.2	48
70	Supramolecular joinery. Nature Chemistry, 2015, 7, 97-99.	6.6	12
71	Isolation of a structural intermediate during switching of degree of interpenetration in a metalâ€“organic framework. Chemical Science, 2015, 6, 4986-4992.	3.7	52
72	Giant Negative Area Compressibility Tunable in a Soft Porous Framework Material. Journal of the American Chemical Society, 2015, 137, 9296-9301.	6.6	103

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73	Many Simple Molecular Cavitands Are Intrinsically Porous (Zero-Dimensional Pore) Materials. Chemistry of Materials, 2015, 27, 7337-7354.	3.2	56
74	Anomalous Anisotropic Thermal Expansion in a One-Dimensional Coordination Polymer Driven by Conformational Flexibility. Inorganic Chemistry, 2015, 54, 8171-8173.	1.9	20
75	Transformation from non- to double-interpenetration in robust Cd(<scp>ii</scp>) doubly-pillared-layered metalâ€“organic frameworks. Chemical Communications, 2014, 50, 14543-14546.	2.2	29
76	Structural macrocyclic supramolecular chemistry. CrystEngComm, 2014, 16, 3644.	1.3	5
77	Single-crystal to single-crystal guest exchange and phase transformations in a porous metallocycle. CrystEngComm, 2014, 16, 4126-4132.	1.3	15
78	Direct Evidence for Single-Crystal to Single-Crystal Switching of Degree of Interpenetration in a Metalâ€“Organic Framework. Journal of the American Chemical Society, 2014, 136, 3776-3779.	6.6	115
79	An introduction to the virtual issue onCoordination polymers. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 638-639.	0.2	1
80	A combined stretchingâ€“tilting mechanism produces negative, zero and positive linear thermal expansion in a semi-flexible Cd(<scp>ii</scp>)-MOF. Chemical Communications, 2014, 50, 6464-6467.	2.2	61
81	Uniaxial negative thermal expansion facilitated by weak hostâ€“guest interactions. Chemical Communications, 2014, 50, 4238-4241.	2.2	50
82	Crystallographic studies of gas sorption in metalâ€“organic frameworks. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 403-403.	0.5	0
83	Temperature-dependent guest reorientation: a reversible orderâ€“disorder transformation in a single crystal. CrystEngComm, 2014, 16, 36-38.	1.3	9
84	Cocrystals of gabapentin with C-alkylresorcin[4]arenes. CrystEngComm, 2013, 15, 4045.	1.3	33
85	Solvent diffusion and binding in a â€˜nonporousâ€™ molecular crystal. CrystEngComm, 2013, 15, 1512-1514.	1.3	13
86	18-Crown-6 templates offset-linked pyrogallol[4]arene dimers. Supramolecular Chemistry, 2013, 25, 591-595.	1.5	6
87	Single-crystal to single-crystal transformations in discrete solvated metallocycles: the role of the metal ion. New Journal of Chemistry, 2013, 37, 71-74.	1.4	10
88	Tunable Anisotropic Thermal Expansion of a Porous Zinc(II) Metalâ€“Organic Framework. Journal of the American Chemical Society, 2013, 135, 6411-6414.	6.6	133
89	Supramolecular isomerism and solvatomorphism in a novel coordination compound. Dalton Transactions, 2012, 41, 3895-3898.	1.6	37
90	A simple and robust method for the identification of Ï€â€“Ï€ packing motifs of aromatic compounds. CrystEngComm, 2012, 14, 300-304.	1.3	73

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91	Solidâ€“Vapor Sorption of Xylenes: Prioritized Selectivity as a Means of Separating All Three Isomers Using a Single Substrate. Angewandte Chemie - International Edition, 2012, 51, 3928-3931.	7.2	114
92	In Situ Xâ€ray Structural Studies of a Flexible Host Responding to Incremental Gas Loading. Angewandte Chemie - International Edition, 2012, 51, 4913-4916.	7.2	62
93	Solid-state structural studies of oxacalix[2]arene[2]naphthalene as a molecular tweezer. CrystEngComm, 2011, 13, 3175-3180.	1.3	11
94	Anomalous thermal expansion of an organic crystalâ€”implications for elucidating the mechanism of an enantiotropic phase transformation. Chemical Communications, 2011, 47, 6009.	2.2	35
95	Inclusion of Thiazyl Radicals in Porous Crystalline Materials. Journal of the American Chemical Society, 2011, 133, 12948-12951.	6.6	31
96	Isostructural coordination polymers: epitaxis vs. solid solution. CrystEngComm, 2011, 13, 4311.	1.3	17
97	Exceptionally large positive and negative anisotropic thermal expansion of an organic crystalline material. Nature Materials, 2010, 9, 36-39.	13.3	250
98	Single-crystal to Single-crystal Transformations - Guest Removal and Substitution in a Robust Solvent-templated Metallocyclic Compound. Australian Journal of Chemistry, 2010, 63, 573.	0.5	19
99	Microporous La(III) Metalâ€“Organic Framework Using a Semirigid Tricarboxylic Ligand: Synthesis, Single-Crystal to Single-Crystal Sorption Properties, and Gas Adsorption Studies. Crystal Growth and Design, 2010, 10, 3410-3417.	1.4	68
100	Solvent-mediated conformational similarities within a series of 1D coordination polymers constructed from a new flexible ditopic bis-imidazole ligand. New Journal of Chemistry, 2010, 34, 2451.	1.4	10
101	Bis(Nâ€heterocyclic carbene) Dipalladium Complexes: Synthesis, Solidâ€State Conformational Studies and Solution Behaviour. European Journal of Inorganic Chemistry, 2009, 2009, 2835-2843.	1.0	32
102	Co-crystallization of Ionic and Neutral Supramolecular Motifs Derived from Identical Components. Crystal Growth and Design, 2009, 9, 1284-1286.	1.4	14
103	Unusual Conformations of a Hexa-Host Molecule in Solvate Inclusion Compounds. Crystal Growth and Design, 2009, 9, 1599-1604.	1.4	24
104	Breaking the trigonal host packing motif of Dianin's compound. CrystEngComm, 2009, 11, 1545.	1.3	8
105	The Solid-state Structure of a 4,13-Diaza-18-crown-6 NaI Complex: A Unique Chain-link Assembly. Journal of Chemical Crystallography, 2008, 38, 425-429.	0.5	3
106	Influence of the metal-to-ligand ratio on the formation of metal organic complexes. New Journal of Chemistry, 2008, 32, 813.	1.4	29
107	The solvent-templating effect as the driving factor that influences the formation of crystalline materials based on the stacking of metallocycles. New Journal of Chemistry, 2007, 31, 669-676.	1.4	27
108	Single Crystal to Single Crystal Transformations. Australian Journal of Chemistry, 2006, 59, 595.	0.5	52

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109	Crystal porosity and the burden of proof. Chemical Communications, 2006, , 1163.	2.2	409
110	Endo- versusÂexo-cavity interplay of p-benzylcalix[4]arene with spheroidal molecules. CrystEngComm, 2006, 8, 306-308.	1.3	18
111	Permeability of a Seemingly Nonporous Crystal Formed by a Discrete Metallocyclic Complex. Journal of the American Chemical Society, 2006, 128, 698-699.	6.6	137
112	Unlocking the elusive binding cavity in p-sulfonatocalix[8]arene. New Journal of Chemistry, 2006, 30, 991.	1.4	34
113	Solid-State Self-Inclusion: The Missing Link. Angewandte Chemie - International Edition, 2006, 45, 5354-5358.	7.2	39
114	Guest-Induced Conformational Switching in a Single Crystal. Angewandte Chemie - International Edition, 2006, 45, 5856-5859.	7.2	86
115	Crystal engineering of nonporous organic solids for methane sorption. Chemical Communications, 2005, , 4420.	2.2	86
116	A crystalline organic substrate absorbs methane under STP conditions. Chemical Communications, 2005, , 51.	2.2	114
117	A Discrete Metallocyclic Complex that Retains Its Solvent-Templated Channel Structure on Guest Removal to Yield a Porous, Gas Sorbing Material. Journal of the American Chemical Society, 2005, 127, 13134-13135.	6.6	123
118	Mono- and Binuclear Gold(I) Amido Compounds of Purine Derivatives. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 1605-1618.	0.3	17
119	A New Type of Material for the Recovery of Hydrogen from Gas Mixtures. Angewandte Chemie - International Edition, 2004, 43, 2948-2950.	7.2	259
120	Ferrocene derivatives as receptors to explore ammonium cationâ€“Ï€ interactions. New Journal of Chemistry, 2004, 28, 907-911.	1.4	15
121	Molecular Graphics:â€‰ From Science to Art. Crystal Growth and Design, 2003, 3, 3-8.	1.4	320
122	Storage of Methane and Freon by Interstitial van der Waals Confinement. Science, 2002, 296, 2367-2369.	6.0	397
123	Cation Control of Pore and Channel Size in Cage-Based Metalâ^'Organic Porous Materials. Inorganic Chemistry, 2002, 41, 838-843.	1.9	50
124	Guest Transport in a Nonporous Organic Solid via Dynamic van der Waals Cooperativity. Science, 2002, 298, 1000-1002.	6.0	520
125	Inclusion compounds with mixed guests: controlled stoichiometries and kinetics of enclathration. Perkin Transactions II RSC, 2002, , 1973-1979.	1.1	19
126	Hydrogen-bonded molecular capsules are stable in polar media. Chemical Communications, 2001, , 2376-2377.	2.2	172

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127	X-Seed â€" A Software Tool for Supramolecular Crystallography. Journal of Supramolecular Chemistry, 2001, 1, 189-191.	0.4	2,910
128	Synthesis and Structure of a One-Dimensional Coordination Polymer Based Upon Tetracyanocalix[4]arene in the Cone Conformation. Supramolecular Chemistry, 2000, 12, 317-320.	1.5	11
129	Characterization of a well resolved supramolecular ice-like (H2O)10 cluster in the solid state. Chemical Communications, 2000, , 859-860.	2.2	156
130	An intermolecular (H2O)10 cluster in a solid-state supramolecular complex. Nature, 1998, 393, 671-673.	13.7	516
131	C60 and C70 Compounds in the Pincerlike Jaws of Calix[6]arene. Angewandte Chemie - International Edition, 1998, 37, 981-983.	7.2	146
132	RES2INS: a graphical interface for theSHELXprogram suite. Journal of Applied Crystallography, 1998, 31, 963-964.	1.9	3
133	Structural consequences of M-Clâ€¦H-N hydrogen bonds in substituted pyridinium salts of the cobalt(II)tetrachloride anion isolated from liquid clathrate media. Supramolecular Chemistry, 1996, 7, 167-169.	1.5	42
134	Crystal and molecular structure of [H3OÂ·18-crown-6]2-[ReCl6] isolated from a liquid clathrate medium. Journal of Chemical Crystallography, 1996, 26, 59-61.	0.5	11
135	X-ray Structure of the Water Soluble [Adeninium]-[p-Sulfonatocalix[4]arene] which Displays Cationic and Anionic Bilayers. Supramolecular Chemistry, 1996, 7, 271-274.	1.5	30
136	Inclusion of organic cations by p-sulfonatocalix[4]arene. Crystal and molecular structure of the supramolecular complexes Na₂(pyridinium)₂[Cu(H₂O)₄(NC₅H₅)₂]₂[Cu and Na₄(morpholinium) (p-sulfonatocalix[4]arene)Â·8H₂O. Supramolecular Chemistry, 1996, 7, 209-213.	1.5	18
137	Enclathration of diethyl ether. Journal of the Chemical Society Perkin Transactions II, 1993, , 1413.	0.9	15
138	A system for studying gas-solid reaction kinetics in controlled atmospheres. Thermochimica Acta, 1992, 205, 171-177.	1.2	35