

# Simon J Teat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2162432/publications.pdf>

Version: 2024-02-01

158  
papers

7,253  
citations

50170

46  
h-index

64668

79  
g-index

166  
all docs

166  
docs citations

166  
times ranked

7461  
citing authors

#	ARTICLE	IF	CITATIONS
1	A {Ni<sub>12</sub>}â€Wheelâ€Based Metalâ€Organic Framework for Coordinative Binding of Sulphur Dioxide and Nitrogen Dioxide. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202115585.	7.2	12
2	A {Ni<sub>12</sub>}â€Wheelâ€Based Metalâ€Organic Framework for Coordinative Binding of Sulphur Dioxide and Nitrogen Dioxide. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
3	Achieving a blue-excitable yellow-emitting Ca-LMOF phosphor <i>via</i> water induced phase transformation. <i>Chemical Science</i> , 2022, 13, 1375-1381.	3.7	2
4	Facile Synthetic Routes to Bridge-Functionalised Calix[4]arenes. <i>Chemical Communications</i> , 2022, , .	2.2	0
5	Simultaneous enhancement of thermally activated delayed fluorescence and photoluminescence quantum yield <i>via</i> homoconjugation. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6306-6313.	2.7	7
6	Robust dicopper(<sup>i</sup>)â¼-boryl complexes supported by a dinucleating naphthyridine-based ligand. <i>Chemical Science</i> , 2022, 13, 6619-6625.	3.7	8
7	Tailoring the cavities of hydrogen-bonded amphidynamic crystals using weak contacts: towards faster molecular machines. <i>Chemical Science</i> , 2021, 12, 2181-2188.	3.7	13
8	Lithium calix[4]arenes: structural studies and use in the ring opening polymerization of cyclic esters. <i>RSC Advances</i> , 2021, 11, 11304-11317.	1.7	9
9	Using geometric simulation software â€GASPâ€™ to model conformational flexibility in a family of zinc metalâ€organic frameworks. <i>New Journal of Chemistry</i> , 2021, 45, 8728-8737.	1.4	2
10	Accessing Lanthanideâ€toâ€Lanthanide Energy Transfer in a Family of Siteâ€Resolved [Ln III Ln III â€²] Heterodimetallic Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 7288-7299.	1.7	8
11	Fluorescent Detection of Carbon Disulfide by a Highly Emissive and Robust Isoreticular Series of Zr-Based Luminescent Metal Organic Frameworks (LMOFs). <i>Chemistry</i> , 2021, 3, 327-337.	0.9	11
12	Diversity-oriented synthesis of polymer membranes with ion solvation cages. <i>Nature</i> , 2021, 592, 225-231.	13.7	83
13	Single crystals of mechanically entwined helical covalent polymers. <i>Nature Chemistry</i> , 2021, 13, 660-665.	6.6	82
14	Two-Dimensional Copper Iodide-Based Inorganicâ€Organic Hybrid Semiconductors: Synthesis, Structures, and Optical and Transport Properties. <i>Chemistry of Materials</i> , 2021, 33, 5317-5325.	3.2	26
15	Purification of Propylene and Ethylene by a Robust Metalâ€Organic Framework Mediated by Hostâ€Guest Interactions. <i>Angewandte Chemie</i> , 2021, 133, 15669-15675.	1.6	11
16	Purification of Propylene and Ethylene by a Robust Metalâ€Organic Framework Mediated by Hostâ€Guest Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15541-15547.	7.2	51
17	Flexible Zn-MOF with Rare Underlying <i>scu</i> Topology for Effective Separation of C6 Alkane Isomers. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 51997-52005.	4.0	22
18	Pyrene-fused hexaarylbenzene luminogens: Synthesis, characterization, and aggregation-induced emission enhancement. <i>Dyes and Pigments</i> , 2021, 192, 109452.	2.0	9

#	ARTICLE	IF	CITATIONS
19	A switchable sensor and scavenger: detection and removal of fluorinated chemical species by a luminescent metal-organic framework. <i>Chemical Science</i> , 2021, 12, 14189-14197.	3.7	26
20	Copper(I) iodide-based organic-inorganic hybrid compounds as phosphor materials. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2021, 76, 759-764.	0.3	6
21	Regioselective formylation of rhenium-oxo and gold corroles: substituent effects on optical spectra and redox potentials. <i>RSC Advances</i> , 2021, 11, 34086-34094.	1.7	8
22	Solution-processable and functionalizable ultra-high molecular weight polymers via topochemical synthesis. <i>Nature Communications</i> , 2021, 12, 6818.	5.8	30
23	Rational design of a high-efficiency, multivariate metal-organic framework phosphor for white LED bulbs. <i>Chemical Science</i> , 2020, 11, 1814-1824.	3.7	43
24	Gold dipyrin-bisphenolates: a combined experimental and DFT study of metal-ligand interactions. <i>RSC Advances</i> , 2020, 10, 533-540.	1.7	12
25	Eco-friendly, solution-processable and efficient low-energy lighting phosphors: copper halide based hybrid semiconductors $\text{Cu}_4\text{X}_6(\text{L})_2$ ( $\text{X} = \text{Br}, \text{I}$ ) composed of covalent, ionic and coordinate bonds. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16790-16797.	2.7	24
26	A nature-inspired hydrogen-bonded supramolecular complex for selective copper ion removal from water. <i>Nature Communications</i> , 2020, 11, 3947.	5.8	86
27	Magneto-structural studies of an unusual $[\text{Mn}^{\text{III}}\text{Mn}^{\text{II}}\text{Gd}^{\text{III}}(\text{OR})_4]^{4+}$ partial cubane from 2,2-bis- <i>p</i> - <i>t</i> -Bu-calix[4]arene. <i>Dalton Transactions</i> , 2020, 49, 14790-14797.	1.6	7
28	Monosulfonated Azo Dyes: A Crystallographic Study of the Molecular Structures of the Free Acid, Anionic and Dianionic Forms. <i>Crystals</i> , 2020, 10, 662.	1.0	12
29	Leading Edge Chemical Crystallography Service Provision and Its Impact on Crystallographic Data Science in the Twenty-First Century. <i>Structure and Bonding</i> , 2020, , 69-140.	1.0	3
30	Adsorption of Fluorocarbons and Chlorocarbons by Highly Porous and Robust Fluorinated Zirconium Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2020, 59, 4167-4171.	1.9	23
31	A highly substituted pyrazinophane generated from a quinoidal system <i>via</i> a cascade reaction. <i>Chemical Communications</i> , 2020, 56, 4472-4475.	2.2	9
32	Pressure-induced inclusion of neon in the crystal structure of a molecular $\text{Cu}_2$ (pacman) complex at 4.67 GPa. <i>Chemical Communications</i> , 2020, 56, 3449-3452.	2.2	2
33	Blending Ionic and Coordinate Bonds in Hybrid Semiconductor Materials: A General Approach toward Robust and Solution-Processable Covalent/Coordinate Network Structures. <i>Journal of the American Chemical Society</i> , 2020, 142, 4242-4253.	6.6	72
34	Time-resolved luminescence detection of peroxyxynitrite using a reactivity-based lanthanide probe. <i>Chemical Science</i> , 2020, 11, 3164-3170.	3.7	41
35	Structural properties of ultra-small thorium and uranium dioxide nanoparticles embedded in a covalent organic framework. <i>Chemical Science</i> , 2020, 11, 4648-4668.	3.7	22
36	Materializing rival ground states in the barlowite family of kagome magnets: quantum spin liquid, spin ordered, and valence bond crystal states. <i>Npj Quantum Materials</i> , 2020, 5, .	1.8	37

#	ARTICLE	IF	CITATIONS
37	Rhenium-Imido Corroles. <i>Inorganic Chemistry</i> , 2020, 59, 6382-6389.	1.9	13
38	Selective signalling of alcohols by a molecular lattice and mechanism of single-crystal-to-single-crystal transformations. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3165-3175.	3.0	10
39	Site-specific structure at multiple length scales in kagome quantum spin liquid candidates. <i>Physical Review Materials</i> , 2020, 4, .	0.9	13
40	Structures of five salt forms of disulfonated monoazo dyes. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 972-981.	0.2	3
41	Materializing rival ground states in the barlowite family of kagome magnets: quantum spin liquid, spin ordered, and valence bond crystal states. <i>Npj Quantum Materials</i> , 2020, 5, .	1.8	4
42	Exploring short strong hydrogen bonds engineered in organic acid molecular crystals for temperature dependent proton migration behaviour using single crystal synchrotron X-ray diffraction (SCSXRD). <i>CrystEngComm</i> , 2019, 21, 5249-5260.	1.3	21
43	Microwave assisted synthesis of heterometallic $3d^4f M_{sub>4</sub>Ln$ complexes. <i>Dalton Transactions</i> , 2019, 48, 12440-12450.	1.6	19
44	Electronic Tuning of Mixed Quinoidal $\pi$ -Aromatic Conjugated Polyelectrolytes: Direct Ionic Substitution on Polymer Main $\pi$ -Chains. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17978-17985.	7.2	32
45	Blue-Light-Excitable, Quantum Yield Enhanced, Yellow-Emitting, Zirconium-Based Metal-Organic Framework Phosphors Formed by Immobilizing Organic Chromophores. <i>Crystal Growth and Design</i> , 2019, 19, 6850-6854.	1.4	13
46	High-pressure polymorphism in l-threonine between ambient pressure and 22 GPa. <i>CrystEngComm</i> , 2019, 21, 4444-4456.	1.3	27
47	A switchable iron-based coordination polymer toward reversible acetonitrile electro-optical readout. <i>Chemical Science</i> , 2019, 10, 6612-6616.	3.7	26
48	Click chemistry as a route to the synthesis of structurally new and magnetically interesting coordination clusters: a $\{NiII_8\}$ complex with a trapezoidal prismatic topology. <i>Dalton Transactions</i> , 2019, 48, 11632-11636.	1.6	4
49	The Effect of Pressure on Halogen Bonding in 4-Iodobenzonitrile. <i>Molecules</i> , 2019, 24, 2018.	1.7	11
50	Highly efficient and very robust blue-excitable yellow phosphors built on multiple-stranded one-dimensional inorganic-organic hybrid chains. <i>Chemical Science</i> , 2019, 10, 5363-5372.	3.7	38
51	Supramolecular architectures of molecularly thin yet robust free-standing layers. <i>Science Advances</i> , 2019, 5, eaav4489.	4.7	9
52	Improving LMOF luminescence quantum yield through guest-mediated rigidification. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14739-14744.	2.7	17
53	Investigations into the assembly behaviour of a $\pi$ -rigidified $\pi$ -p-carboxylatocalix[4]arene. <i>CrystEngComm</i> , 2019, 21, 6659-6665.	1.3	1
54	Designed asymmetric coordination helicates with bis- $\beta^2$ -diketonate ligands. <i>Dalton Transactions</i> , 2019, 48, 16844-16847.	1.6	8

#	ARTICLE	IF	CITATIONS
55	Capture of nitrogen dioxide and conversion to nitric acid in a porous metal-organic framework. <i>Nature Chemistry</i> , 2019, 11, 1085-1090.	6.6	116
56	Reversible coordinative binding and separation of sulfur dioxide in a robust metal-organic framework with open copper sites. <i>Nature Materials</i> , 2019, 18, 1358-1365.	13.3	171
57	A Three-Dimensional Dynamic Supramolecular "Sticky Fingers" Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2310-2315.	7.2	16
58	Exploratory studies into 3d/4f cluster formation with fully bridge-substituted calix[4]arenes. <i>Supramolecular Chemistry</i> , 2018, 30, 504-509.	1.5	7
59	Topologically guided tuning of Zr-MOF pore structures for highly selective separation of C6 alkane isomers. <i>Nature Communications</i> , 2018, 9, 1745.	5.8	251
60	High-temperature magnetic blocking and magneto-structural correlations in a series of dysprosium( <sup>iii</sup> ) metallocenium single-molecule magnets. <i>Chemical Science</i> , 2018, 9, 8492-8503.	3.7	405
61	Encapsulation of a Cr III Single-Ion Magnet within an Fe II Spin-Crossover Supramolecular Host. <i>Angewandte Chemie</i> , 2018, 130, 13697-13701.	1.6	7
62	Encapsulation of a Cr <sup>III</sup> Single-Ion Magnet within an Fe <sup>II</sup> Spin-Crossover Supramolecular Host. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13509-13513.	7.2	48
63	In situ redox reactions facilitate the assembly of a mixed-valence metal-organic nanocapsule. <i>Nature Communications</i> , 2018, 9, 2119.	5.8	19
64	Complexation-assisted reduction: complexes of glutarimide-dioxime with tetravalent actinides (Np( <sup>iv</sup> ) and Th( <sup>iv</sup> )). <i>Dalton Transactions</i> , 2018, 47, 8134-8141.	1.6	17
65	Tuning charge-assisted and weak hydrogen bonds in molecular complexes of the proton sponge DMAN by acid co-former substitution. <i>CrystEngComm</i> , 2018, 20, 3074-3083.	1.3	4
66	Selective Lanthanide Distribution within a Comprehensive Series of Heterometallic [LnPr] Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 8429-8439.	1.9	21
67	Solvent Dependent Disorder in M2(BzOip)2(H2O)·Solvate (M = Co or Zn). <i>Crystals</i> , 2018, 8, 6.	1.0	1
68	A Hexahomotrioxacalix[3]arene-Based Ditopic Receptor for Alkylammonium Ions Controlled by Ag <sup>+</sup> Ions. <i>Molecules</i> , 2018, 23, 467.	1.7	3
69	Hydrolytic stability in hemilabile metal-organic frameworks. <i>Nature Chemistry</i> , 2018, 10, 1096-1102.	6.6	134
70	A Spin-Crossover Molecular Material Describing Four Distinct Thermal Pathways. <i>Inorganic Chemistry</i> , 2018, 57, 11019-11026.	1.9	19
71	Post-Synthetic Mannich Chemistry on Metal-Organic Frameworks: System-Specific Reactivity and Functionality-Triggered Dissolution. <i>Chemistry - A European Journal</i> , 2018, 24, 11094-11102.	1.7	11
72	Cyanide-bridged coordination polymers constructed from lanthanide ions and octacyanometallate building-blocks. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1967-1977.	3.0	10

#	ARTICLE	IF	CITATIONS
73	Thermodynamic Stability of Heterodimetallic [LnLn <sup>2</sup> ] Complexes: Synthesis and DFT Studies. Chemistry - A European Journal, 2017, 23, 5117-5125.	1.7	19
74	A mechanochemical route toward the rational, systematic, and cost-effective green synthesis of strongly luminescent copper iodide based hybrid phosphors. Journal of Materials Chemistry C, 2017, 5, 5962-5969.	2.7	42
75	Guest-tuned spin crossover in flexible supramolecular assemblies templated by a halide (Cl <sup>+</sup> , Br <sup>+</sup> or I <sup>+</sup> ). Chemical Communications, 2017, 53, 569-572.	2.2	18
76	Molecules Designed to Contain Two Weakly Coupled Spins with a Photoswitchable Spacer. Chemistry - A European Journal, 2017, 23, 13648-13659.	1.7	22
77	All-in-One: Achieving Robust, Strongly Luminescent and Highly Dispersible Hybrid Materials by Combining Ionic and Coordinate Bonds in Molecular Crystals. Journal of the American Chemical Society, 2017, 139, 9281-9290.	6.6	146
78	<i>para</i> -Azaquinodimethane: A Compact Quinodimethane Variant as an Ambient Stable Building Block for High-Performance Low Band Gap Polymers. Journal of the American Chemical Society, 2017, 139, 8355-8363.	6.6	65
79	A Systematic Approach to Achieving High Performance Hybrid Lighting Phosphors with Excellent Thermal and Photostability. Advanced Functional Materials, 2017, 27, 1603444.	7.8	125
80	Chiral transcription in self-assembled tetrahedral Eu <sub>4</sub> L <sub>6</sub> chiral cages displaying sizable circularly polarized luminescence. Nature Communications, 2017, 8, 1128.	5.8	128
81	A Magneto-optical Molecular Device: Interplay of Spin Crossover, Luminescence, Photomagnetism, and Photochromism. Angewandte Chemie, 2017, 129, 15828-15833.	1.6	25
82	A Magneto-optical Molecular Device: Interplay of Spin Crossover, Luminescence, Photomagnetism, and Photochromism. Angewandte Chemie - International Edition, 2017, 56, 15622-15627.	7.2	117
83	A New Family of 3 <i>d</i> - <sup>4</sup> <i>f</i> Bis-Calix[4]arene-supported Clusters. Chemistry - A European Journal, 2017, 23, 14073-14079.	1.7	17
84	The remarkable influence of <i>N</i> , <i>O</i> -ligands in the assembly of a bis-calix[4]arene-supported [MnIV <sub>2</sub> MnIII <sub>10</sub> MnII <sub>8</sub> ] cluster. Dalton Transactions, 2017, 46, 16807-16811.	1.6	11
85	A rapidly-reversible absorptive and emissive vapochromic Pt(II) pincer-based chemical sensor. Nature Communications, 2017, 8, 1800.	5.8	83
86	Chemical Crystallography at the Advanced Light Source. Crystals, 2017, 7, 382.	1.0	6
87	A High Pressure Investigation of the Order-Disorder Phase Transition and Accompanying Spin Crossover in [FeL <sub>12</sub> ](ClO <sub>4</sub> ) <sub>2</sub> (L <sub>1</sub> = 2,6-bis{3-methylpyrazol-1-yl}-pyrazine). Magnetochemistry, 2016, 2, 9.	1.0	13
88	Comparative Magnetic Studies in the Solid State and Solution of Two Isostructural 1D Coordination Polymers Containing Coll/Nill-Curcuminoid Moieties. Magnetochemistry, 2016, 2, 29.	1.0	3
89	Bis-Calix[4]arenes: From Ligand Design to the Directed Assembly of a Metal-Organic Trigonal Antiprism. Chemistry - A European Journal, 2016, 22, 8791-8795.	1.7	9
90	Structural diversity in Ni <sup>II</sup> cluster chemistry: Ni <sub>5</sub> , Ni <sub>6</sub> , and {NiNa <sub>2</sub> } <sub>n</sub> complexes bearing the Schiff-base ligand N-naphthalidene-2-amino-5-chlorobenzoic acid. Dalton Transactions, 2016, 45, 10256-10270.	1.6	15

#	ARTICLE	IF	CITATIONS
91	Homoleptic versus Heteroleptic Formation of Mononuclear Fe(II) Complexes with Tris-Imine Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 4110-4116.	1.9	28
92	Investigating Reaction Conditions To Control the Self-Assembly of Cobalt-Seamed Nanocapsules. <i>Crystal Growth and Design</i> , 2016, 16, 3562-3564.	1.4	29
93	A study of anion binding behaviour of 1,3-alternate thiacalix[4]arene-based receptors bearing urea moieties. <i>New Journal of Chemistry</i> , 2016, 40, 9245-9251.	1.4	10
94	Thiacalix[4]arene Derivatives Bearing Imidazole Units: A Ditopic Hard/Soft Receptor for Na <sup>+</sup> and K <sup>+</sup> /Ag <sup>+</sup> with an Allosteric Effect and a Reusable Extractant for Dichromate Anions. <i>ChemistrySelect</i> , 2016, 1, 1541-1547.	0.7	7
95	A fluorescence study on the complexation of Sm(III), Eu(III) and Tb(III) with tetraalkyldiglycolamides (TRDGA) in aqueous solution, in solid state, and in solvent extraction. <i>Dalton Transactions</i> , 2016, 45, 18484-18493.	1.6	29
96	Chromophore-immobilized luminescent metal-organic frameworks as potential lighting phosphors and chemical sensors. <i>Chemical Communications</i> , 2016, 52, 10249-10252.	2.2	70
97	Core expansion of bis-calix[4]arene-supported clusters. <i>Chemical Communications</i> , 2016, 52, 14246-14249.	2.2	13
98	Guest-, Light- and Thermally-Modulated Spin Crossover in [Fe <sup>II</sup> ] <sub>2</sub> Supramolecular Helicates. <i>Chemistry - A European Journal</i> , 2016, 22, 8635-8645.	1.7	46
99	Chromophore-Based Luminescent Metal-Organic Frameworks as Lighting Phosphors. <i>Inorganic Chemistry</i> , 2016, 55, 7250-7256.	1.9	74
100	High-Performance Blue-Excitable Yellow Phosphor Obtained from an Activated Solvochromic Bismuth-Fluorophore Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2016, 16, 4178-4182.	1.4	50
101	Complexation of Lanthanides with Glutaroimide-dioxime: Binding Strength and Coordination Modes. <i>Inorganic Chemistry</i> , 2016, 55, 1315-1323.	1.9	19
102	Investigations into cluster formation with alkyl-tethered bis-calix[4]arenes. <i>Supramolecular Chemistry</i> , 2016, 28, 557-566.	1.5	9
103	Structural and spectroscopic studies of a rare non-oxido V(IV) complex crystallized from aqueous solution. <i>Chemical Science</i> , 2016, 7, 2775-2786.	3.7	47
104	Facile Interchange of 3d and 4f Ions in Single-Molecule Magnets: Stepwise Assembly of [Mn <sub>4</sub> ], [Mn <sub>3</sub> Ln] and [Mn <sub>2</sub> Ln <sub>2</sub> ] Cages within Calix[4]arene Scaffolds. <i>Chemistry - A European Journal</i> , 2015, 21, 11212-11218.	1.7	35
105	Novel Topologies in Vanadium-bis- $\beta^2$ -Diketone Chemistry: A [V4] and a [V6] Metallacyclophane. <i>Magnetochemistry</i> , 2015, 1, 45-61.	1.0	8
106	The first study about the relationship between the extractability of thiacalix[4]arene derivatives and the position of the coordination binding sites. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3476-3483.	1.5	9
107	Achieving exceptionally high luminescence quantum efficiency by immobilizing an AIE molecular chromophore into a metal-organic framework. <i>Chemical Communications</i> , 2015, 51, 3045-3048.	2.2	148
108	Positive and negative allosteric effects of thiacalix[4]arene-based receptors having urea and Crown-ether moieties. <i>RSC Advances</i> , 2015, 5, 14747-14755.	1.7	13



#	ARTICLE	IF	CITATIONS
109	Linked Supramolecular Building Blocks for Enhanced Cluster Formation. Chemistry - A European Journal, 2015, 21, 2804-2812.	1.7	20
110	A Family of Highly Efficient CuI-Based Lighting Phosphors Prepared by a Systematic, Bottom-up Synthetic Approach. Journal of the American Chemical Society, 2015, 137, 9400-9408.	6.6	211
111	A structural and spectrophotometric study on the complexation of Am(III) with TMOGA in comparison with the extracted complex of DMDOGA. Dalton Transactions, 2015, 44, 18469-18474.	1.6	39
112	A facile single crystal to single crystal transition with significant structural contraction on desolvation. Chemical Communications, 2014, 50, 14436-14439.	2.2	19
113	Solution Processable MOF Yellow Phosphor with Exceptionally High Quantum Efficiency. Journal of the American Chemical Society, 2014, 136, 16724-16727.	6.6	254
114	Salt formation affects the conformational and assembly properties of p-carboxylatocalix[4]arenes. CrystEngComm, 2014, 16, 3712-3717.	1.3	10
115	Three-Way Crystal-to-Crystal Reversible Transformation and Controlled Spin Switching by a Nonporous Molecular Material. Journal of the American Chemical Society, 2014, 136, 3869-3874.	6.6	176
116	Heterodimetallic [LnLn <sup>2</sup> ] Lanthanide Complexes: Toward a Chemical Design of Two-Qubit Molecular Spin Quantum Gates. Journal of the American Chemical Society, 2014, 136, 14215-14222.	6.6	201
117	Structural and Thermodynamic Study of the Complexes of Nd(III) with $\text{Nd}^2\text{-Tetramethyl-3-oxa-glutaramide}$ and the Acid Analogues. Inorganic Chemistry, 2014, 53, 9477-9485.	1.9	47
118	Unusual Crystal Packing in a Family of [Fe{2,6-bis(pyrazol-3-yl)pyridine} <sub>2</sub> ]+Compounds and the Effect on the Occurrence of Spin Crossover and Its Cooperative Character. European Journal of Inorganic Chemistry, 2014, 2014, 6013-6021.	1.0	20
119	Enhancing Strategies for the Assembly of Metal-Organic Systems with Inherent Cavity-Containing Calix[4]arenes. Crystal Growth and Design, 2013, 13, 5165-5168.	1.4	16
120	From 1D Chain to 3D Network: A New Family of Inorganic-Organic Hybrid Semiconductors MO <sub>3</sub> (L) <sub>x</sub> (M = Mo, W; L = Organic Linker) Built on Perovskite-like Structure Modules. Journal of the American Chemical Society, 2013, 135, 17401-17407.	6.6	47
121	Polynuclear pyridyldioximato-nickel(II) clusters: Synthesis, structure and magnetic study. Polyhedron, 2013, 52, 339-345.	1.0	5
122	Directed assembly via selectively positioned host functionality. Chemical Communications, 2013, 49, 3203.	2.2	20
123	Lanthanide Contraction within a Series of Asymmetric Dinuclear [Ln <sub>2</sub> ] Complexes. Chemistry - A European Journal, 2013, 19, 5881-5891.	1.7	84
124	Microwave assisted synthesis in coordination chemistry. Polyhedron, 2013, 52, 781-787.	1.0	17
125	New Nanostructured Materials: Synthesis of Dodecanuclear Ni <sup>II</sup> Complexes and Surface Deposition Studies. Chemistry - A European Journal, 2013, 19, 9064-9071.	1.7	19
126	Calix[4]arene-supported rare earth octahedra. Chemical Communications, 2012, 48, 1449-1451.	2.2	65



#	ARTICLE	IF	CITATIONS
127	Pyridine Directed Assembly of Di-O-Alkyl-tris-p-Carboxylatocalix[4]arenes. <i>Crystal Growth and Design</i> , 2012, 12, 688-697.	1.4	17
128	Pyridine Directed Assembly of Tetra-O-Alkyl p-Carboxylatocalix[4]arenes. <i>Crystal Growth and Design</i> , 2012, 12, 679-687.	1.4	16
129	Sequestering uranium from seawater: binding strength and modes of uranyl complexes with glutarimidedioxime. <i>Dalton Transactions</i> , 2012, 41, 11579.	1.6	156
130	I19, the small-molecule single-crystal diffraction beamline at Diamond Light Source. <i>Journal of Synchrotron Radiation</i> , 2012, 19, 435-441.	1.0	123
131	Coordination Polymer Chains of Dimeric Pyrogallol[4]arene Capsules. <i>Journal of the American Chemical Society</i> , 2011, 133, 11069-11071.	6.6	67
132	Calixarenenanotubes: structural tolerance towards pyridine templates. <i>New Journal of Chemistry</i> , 2011, 35, 28-31.	1.4	18
133	A Family of Calix[4]arene-supported $[Mn^{III}]_2Mn^{II}]_2$ Clusters. <i>Chemistry - A European Journal</i> , 2011, 17, 7521-7530.	1.7	74
134	$[Mn^{III}]_4Ln^{III}]_4$ Calix[4]arene Clusters as Enhanced Magnetic Coolers and Molecular Magnets. <i>Journal of the American Chemical Society</i> , 2010, 132, 12983-12990.	6.6	278
135	Metal-Organic Calixarene Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4205-4208.	7.2	61
136	A Most Unusual Zeolite Templating: Cage to Cage Connection of One Guest Molecule. <i>Journal of Physical Chemistry C</i> , 2010, 114, 8899-8904.	1.5	7
137	Synthesis and Properties of a Family of Unsymmetric Dinuclear Complexes of $Ln^{III}$ ( $Ln = Eu$ ). <i>Inorganic Chemistry</i> , 2010, 49, 10486-10496.	1.9	76
138	Combining Azide, Carboxylate, and 2-Pyridyloximate Ligands in Transition-Metal Chemistry: Ferromagnetic $NiII$ Clusters with a Bowtie Skeleton. <i>Inorganic Chemistry</i> , 2010, 49, 10486-10496.	1.9	76
139	Versatile assembly of p-carboxylatocalix[4]arene-O-alkyl ethers. <i>Dalton Transactions</i> , 2010, 39, 384-387.	1.6	21
140	Quest for Environmentally Benign Ligands for Actinide Separations: Thermodynamic, Spectroscopic, and Structural Characterization of $U^{VI}$ Complexes with Oxa-diamide and Related Ligands. <i>Chemistry - A European Journal</i> , 2009, 15, 4172-4181.	1.7	68
141	Designed Topology and Site-Selective Metal Composition in Tetranuclear $[MM_2M_2]$ Linear Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 11235-11243.	1.7	41
142	Calix[4]arene-Based Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8285-8288.	7.2	109
143	Enhanced control over metal composition in mixed Ga/Zn and Ga/Cu coordinated pyrogallol[4]arene nanocapsules. <i>Chemical Communications</i> , 2009, , 3348.	2.2	53
144	Employment of methyl 2-pyridyl ketone oxime in manganese non-carboxylate chemistry: $MnII_2MnIV$ and $MnII_2MnIII_6$ complexes. <i>Dalton Transactions</i> , 2009, , 1004.	1.6	39

#	ARTICLE	IF	CITATIONS
145	Synthesis and properties of a novel linear [Ni <sub>4</sub> L <sub>2</sub> (py) <sub>6</sub> ] cluster: Designed ligand-controlled topology of the metals. <i>Comptes Rendus Chimie</i> , 2008, 11, 1117-1120.	0.2	16
146	Molecules Composed of Two Weakly Magnetically Coupled [Mn <sup>III</sup> 4] Clusters. <i>Inorganic Chemistry</i> , 2007, 46, 9045-9047.	1.9	55
147	Use of the Sulfato Ligand in 3d-Metal Cluster Chemistry: A Family of Hexanuclear Nickel(II) Complexes with 2-Pyridyl-Substituted Oxime Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2761-2774.	1.0	54
148	A rare mixed-valence state manganese(II/IV) tetranuclear cage formed using phenyl 2-pyridyl ketone oxime and azide as ligands. <i>Inorganic Chemistry Communication</i> , 2006, 9, 638-641.	1.8	39
149	A family of heterometallic wheels containing potentially fourteen hundred siblings. <i>Chemical Communications</i> , 2005, , 1125-1127.	2.2	59
150	Phosphonate Ligands Stabilize Mixed-Valent {Mn <sup>III</sup> 2O <sup>x</sup> Mn <sup>II</sup> x} Clusters with Large Spin and Coercivity. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5044-5048.	7.2	233
151	Supramolecular Motifs in s-Block Metal-Bound Sulfonated Monoazo Dyes, Part 1: Structural Class Controlled by Cation Type and Modulated by Sulfonate Aryl Ring Position. <i>Chemistry - A European Journal</i> , 2004, 10, 4606-4615.	1.7	77
152	Incorporation of sulfonate dyes into hydrogen-bonded networks. <i>CrystEngComm</i> , 2004, 6, 429.	1.3	37
153	Supramolecular motifs in s-block metal bound sulfonated monoazo dyes. <i>Dalton Transactions RSC</i> , 2001, , 2199-2205.	2.3	40
154	The First Red Azo Lake Pigment whose Structure is Characterized by Single Crystal Diffraction. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 638-640.	7.2	48
155	A mixed lithium-strontium polynuclear complex formed within the hexa-deprotonated calix[8]arene framework; the synthesis and structure of Li <sub>4</sub> Sr <sub>2</sub> (H <sub>2</sub> L)(O <sub>2</sub> CC <sub>4</sub> H <sub>9</sub> ) <sub>2</sub> (dmf) <sub>8</sub> [H <sub>8</sub> L = ...-p-Pri- or p-Bui-calix[8]arene]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3535-3536.	1.1	14
156	A New High-Flux Chemical and Materials Crystallography Station at the SRS Daresbury. 1. Design, Construction and Test Results. <i>Journal of Synchrotron Radiation</i> , 1997, 4, 279-286.	1.0	171
157	Allosteric binding properties of a 1,3-alternate thiacalix[4]arene-based receptor having phenylthiourea and 2-pyridylmethyl moieties on opposite faces. <i>New Journal of Chemistry</i> , 0, , .	1.4	4
158	Three Individually Addressable Spin Qubits in a Single Molecule. <i>Chemical Communications</i> , 0, , .	2.2	1