

Darren W Johnson

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural Criteria for the Design of Anion Receptors: The Interaction of Halides with Electron-Deficient Arenes. <i>Journal of the American Chemical Society</i> , 2007, 129, 48-58.	13.7	301
2	Anion-π interaction augments halide binding in solution. <i>Chemical Communications</i> , 2006, , 506-508.	4.1	178
3	Solution Phase Measurement of Both Weak π and C-H···X Hydrogen Bonding Interactions in Synthetic Anion Receptors. <i>Journal of the American Chemical Society</i> , 2008, 130, 10895-10897.	13.7	168
4	Main group supramolecular chemistry. <i>Chemical Society Reviews</i> , 2007, 36, 1441.	38.1	156
5	Supramolecular Chirality: A Reporter of Structural Memory. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 665-668.	13.8	144
6	Experimental evidence for interactions between anions and electron-deficient aromatic rings. <i>Chemical Communications</i> , 2009, , 3143.	4.1	137
7	Ion-π Interactions in Ligand Design for Anions and Main Group Cations. <i>Accounts of Chemical Research</i> , 2013, 46, 955-966.	15.6	128
8	Triple Helicate Tetrahedral Cluster Interconversion Controlled by Host-Guest Interactions. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1587-1592.	13.8	107
9	Rational Design and Assembly of M ₂ M ₃ L ₆ Supramolecular Clusters with C _{3h} Symmetry by Exploiting Incommensurate Symmetry Numbers. <i>Journal of the American Chemical Society</i> , 2001, 123, 2752-2763.	13.7	104
10	Arsenic-π Interactions Stabilize a Self-Assembled As ₂ L ₃ Supramolecular Complex. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5831-5833.	13.8	95
11	Exploiting Incommensurate Symmetry Numbers: Rational Design and Assembly of M ₂ M ₃ L ₆ Supramolecular Clusters with C _{3h} Symmetry. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1303-1307.	13.8	94
12	Self-Assembly of a Three-Dimensional [Ga ₆ (L ₂) ₆] Metal-Ligand π-Cylinder. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2882-2885.	13.8	88
13	The Role of Guest Molecules in the Self-assembly of Metal-ligand Clusters. <i>Supramolecular Chemistry</i> , 2001, 13, 639-659.	1.2	84
14	The Self-Assembly of a [Ga ₄ L ₆] ₁₂ -Tetrahedral Cluster Thermodynamically Driven by Host-Guest Interactions. <i>Inorganic Chemistry</i> , 2001, 40, 5157-5161.	4.0	78
15	Unique chemistries of metal-nitrate precursors to form metal-oxide thin films from solution: materials for electronic and energy applications. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24124-24149.	10.3	78
16	Arylethynyl receptors for neutral molecules and anions: emerging applications in cellular imaging. <i>Chemical Society Reviews</i> , 2010, 39, 3875.	38.1	77
17	Transmetalation of self-assembled, supramolecular complexes. <i>Chemical Society Reviews</i> , 2014, 43, 1825-1834.	38.1	77
18	Selective Nitrate Binding in Competitive Hydrogen Bonding Solvents: Do Anion-π Interactions Facilitate Nitrate Selectivity?. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10275-10280.	13.8	75

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19	Oligomeric group 13 hydroxide compoundsâ€”a rare but varied class of molecules. <i>Chemical Society Reviews</i> , 2012, 41, 1019-1030.	38.1	72
20	Chemical and Structural Investigation of High-Resolution Patterning with HafSO _x . <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2917-2921.	8.0	72
21	Radial Dopant Placement for Tuning Plasmonic Properties in Metal Oxide Nanocrystals. <i>ACS Nano</i> , 2017, 11, 7719-7728.	14.6	69
22	Synthesis of the Hydroxide Cluster [Al ₁₃ ($\frac{1}{4}$ OH) ₆ ($\frac{1}{4}$ -OH) ₁₈ (H ₂ O) ₂₄] ¹⁵⁺ from an Aqueous Solution. <i>Inorganic Chemistry</i> , 2011, 50, 4683-4685.	15.7	67
23	Synthesis of Heterometallic Groupâ€¦13 Nanoclusters and Inks for Oxide Thinâ€”Film Transistors. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9484-9486.	13.8	66
24	Protonation activates anion binding and alters binding selectivity in new inherently fluorescent 2,6-bis(2-anilinoethynyl)pyridine bisureas. <i>Chemical Communications</i> , 2009, , 2520.	4.1	65
25	Substituent Effects in CH Hydrogen Bond Interactions: Linear Free Energy Relationships and Influence of Anions. <i>Journal of the American Chemical Society</i> , 2015, 137, 14959-14967.	13.7	63
26	An Anionâ€”Modulated Threeâ€”Way Supramolecular Switch that Selectively Binds Dihydrogen Phosphate, H ₂ PO ₄ ⁻ . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10270-10274.	13.8	59
27	Imposition of Chirality in a Dinuclear Triple-Stranded Helicate by Ion Pair Formation ¹ . <i>Inorganic Chemistry</i> , 2001, 40, 2216-2217.	4.0	58
28	Supramolecular â€”Transmetalationâ€”Leads to an Unusual Selfâ€”Assembled P ₂ L ₃ Cryptand. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1248-1251.	13.8	56
29	Synthesis and Characterization of Two Isomeric, Self-Assembled Arsenicâ”Thiolate Macrocycles. <i>Inorganic Chemistry</i> , 2005, 44, 9247-9252.	4.0	53
30	Aryl Câ€”Hâ€”Clâ” hydrogen bonding in a fluorescent anion sensor. <i>Chemical Communications</i> , 2013, 49, 7240.	4.1	52
31	Aqueous Solution Processing of F-Doped SnO ₂ Transparent Conducting Oxide Films Using a Reactive Tin(II) Hydroxide Nitrate Nanoscale Cluster. <i>Chemistry of Materials</i> , 2013, 25, 4080-4087.	6.7	50
32	Facile Synthesis of the Tridecameric Al ₁₃ Nanocluster Al ₁₃ ($\frac{1}{4}$ OH) ₆ ($\frac{1}{4}$ -OH) ₁₈ (H ₂ O) ₂₄ (NO ₃) ₁₂ . <i>Inorganic Chemistry</i> , 2008, 47, 1267-1269.	15.7	67
33	The road to aryl CHâ”anion binding was paved with good intentions: fundamental studies, host design, and historical perspectives in CH hydrogen bonding. <i>Chemical Communications</i> , 2019, 55, 5195-5206.	4.1	47
34	A Silver-Linked Supramolecular Cluster Encapsulating a Cesium Cationâ€. <i>Inorganic Chemistry</i> , 2001, 40, 4504-4506.	4.0	46
35	Observation of reaction intermediates and kinetic mistakes in a remarkably slow self-assembly reaction. <i>Chemical Communications</i> , 2009, , 5606.	4.1	46
36	Supramolecular Chirality: A Reporter of Structural Memory. <i>Angewandte Chemie</i> , 2003, 115, 689-692.	2.0	44

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37	Water and Hydrogen Halides Serve the Same Structural Role in a Series of 2+2 Hydrogen-Bonded Dimers Based on 2,6-Bis(2-anilinoethynyl)pyridine Sulfonamide Receptors. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 117-120.	13.8	43
38	A facile route to old and new cyclophanes via self-assembly and capture. <i>Nature Communications</i> , 2016, 7, 11052.	12.8	43
39	Design Considerations for the Group 15 Elements: The Pnictogen- π Interaction As a Complementary Component in Supramolecular Assembly Design. <i>Crystal Growth and Design</i> , 2010, 10, 3531-3536.	3.0	42
40	Anion-dependent fluorescence in bis(anilinoethynyl)pyridine derivatives: switchable ON \leftrightarrow OFF \leftrightarrow OFF \leftrightarrow ON responses. <i>Chemical Communications</i> , 2011, 47, 5539-5541.	4.1	41
41	An overview of selected current approaches to the characterization of aqueous inorganic clusters. <i>Dalton Transactions</i> , 2015, 44, 16982-17006.	3.3	41
42	Alkyltin Keggin Clusters Templated by Sodium. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10140-10144.	13.8	41
43	A Synthetic Supramolecular Receptor for the Hydrosulfide Anion. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11480-11484.	13.8	40
44	A Simple Organic Reaction Mediates the Crystallization of the Inorganic Nanocluster [Ga ₁₃ (μ_3 -OH) ₆ (μ_2 -OH) ₁₈ (H ₂ O) ₂₄](NO ₃) ₁₅ . <i>Journal of the American Chemical Society</i> , 2005, 127, 3242-3243.	13.7	36
45	Facile Synthesis and Properties of 2 π - π Phosphaquinolines and 2 π - π Phosphaquinolinones. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13318-13322.	13.8	36
46	Influence of Nanocrystal Size on the Optoelectronic Properties of Thin, Solution-Cast Sn-Doped In ₂ O ₃ Films. <i>Chemistry of Materials</i> , 2019, 31, 3370-3380.	6.7	35
47	C π -H π S hydrogen bonding interactions. <i>Chemical Society Reviews</i> , 2022, 51, 1454-1469.	38.1	35
48	π - π aggregation-based fluorescent sensor for the detection of chloride in water. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4266-4270.	2.8	34
49	New functional materials for heavy metal sorption: π -Supramolecular attachment of thiols to mesoporous silica substrates. <i>Chemical Communications</i> , 2008, , 5583.	4.1	32
50	Self-Assembled E ₂ L ₃ Cryptands (E = P, As, Sb, Bi): Transmetalation, Homo- and Heterometallic Assemblies, and Conformational Isomerism. <i>Inorganic Chemistry</i> , 2010, 49, 9985-9992.	4.0	32
51	SUPRAMOLECULAR ARSENIC COORDINATION CHEMISTRY. <i>Comments on Inorganic Chemistry</i> , 2007, 28, 97-122.	5.2	30
52	Role of Combustion Chemistry in Low-Temperature Deposition of Metal Oxide Thin Films from Solution. <i>Chemistry of Materials</i> , 2017, 29, 9480-9488.	6.7	30
53	Diastereoselectivity in the Self-Assembly of As ₂ L ₂ Cl ₂ Macrocycles is Directed by the As π Interaction. <i>Inorganic Chemistry</i> , 2007, 46, 9278-9284.	4.0	29
54	Anion Binding Induces Helicity in a Hydrogen-Bonding Receptor: Crystal Structure of a 2,6-Bis(anilinoethynyl)pyridinium Chloride. <i>Crystal Growth and Design</i> , 2009, 9, 4247-4249.	3.0	29

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55	Synthesis and optoelectronic properties of 2,6-bis(2-anilinoethynyl)pyridine scaffolds. <i>Chemical Science</i> , 2012, 3, 1105.	7.4	29
56	Tuning Supramolecular Selectivity for Hydrosulfide: Linear Free Energy Relationships Reveal Preferential C-H Hydrogen Bond Interactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 8243-8251.	13.7	27
57	Single Nanoscale Cluster Species Revealed by ¹ H-NMR Diffusion-Ordered Spectroscopy and Small-Angle X-ray Scattering. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10992-10996.	13.8	26
58	Exploring anion-induced conformational flexibility and molecular switching in a series of heteroaryl-urea receptors. <i>Chemical Science</i> , 2014, 5, 2899-2905.	7.4	26
59	An Anion-Modulated Three-Way Supramolecular Switch that Selectively Binds Dihydrogen Phosphate, H ₂ PO ₄ ⁻ . <i>Angewandte Chemie</i> , 2013, 125, 10460-10464.	2.0	25
60	Exploiting the Hydrogen Bond Donor/Acceptor Properties of PN-Heterocycles: Selective Anion Receptors for Hydrogen Sulfate. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3934-3938.	13.8	25
61	Three's company: co-crystallization of a self-assembled S ₄ metallacyclophane with two diastereomeric metallacycle intermediates. <i>Chemical Communications</i> , 2010, 46, 3505.	4.1	24
62	Synthesis of an Aluminum Hydroxide Octamer through a Simple Dissolution Method. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10161-10164.	13.8	24
63	Convergent Ditopic Receptors Enhance Anion Binding upon Alkali Metal Complexation for Catalyzing the Ritter Reaction. <i>Organic Letters</i> , 2019, 21, 652-655.	4.6	23
64	Secondary Bonding Interactions Observed in Two Arsenic Thiolate Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 9634-9636.	4.0	22
65	Design, synthesis and characterization of self-assembled As ₂ L ₃ and Sb ₂ L ₃ cryptands. <i>Dalton Transactions</i> , 2011, 40, 12125.	3.3	22
66	Transmetalation of Aqueous Inorganic Clusters: A Useful Route to the Synthesis of Heterometallic Aluminum and Indium Hydroxo-Aquo Clusters. <i>Inorganic Chemistry</i> , 2014, 53, 7101-7105.	4.0	22
67	Evolution of Atomic-Level Structure in Sub-10 Nanometer Iron Oxide Nanocrystals: Influence on Cation Occupancy and Growth Rates. <i>ACS Nano</i> , 2020, 14, 5480-5490.	14.6	22
68	Multiple weak supramolecular interactions stabilize a surprisingly twisted As ₂ L ₃ assembly. <i>Chemical Communications</i> , 2008, , 3936.	4.1	21
69	Synthesis and Crystallization of Infinite Indium and Gallium Acetate 1D Chain Structures and Concomitant Ethyl Acetate Hydrolysis. <i>Inorganic Chemistry</i> , 2009, 48, 3505-3507.	4.0	21
70	Ion and Molecular Recognition Using Aryl-Ethynyl Scaffolding. <i>Chemistry - an Asian Journal</i> , 2015, 10, 522-535.	3.3	21
71	Counterion and Steric Effects in Self-Assembled HgX ₂ -Thioether Coordination Polymers. <i>Crystal Growth and Design</i> , 2012, 12, 1579-1585.	3.0	20
72	Selective Nitrate Binding in Competitive Hydrogen Bonding Solvents: Do Anion-H Interactions Facilitate Nitrate Selectivity?. <i>Angewandte Chemie</i> , 2013, 125, 10465-10470.	2.0	20

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73	Coupling Metalloid-Directed Self-Assembly and Dynamic Covalent Systems as a Route to Large Organic Cages and Cyclophanes. <i>Inorganic Chemistry</i> , 2018, 57, 3486-3496.	4.0	20
74	PN-Containing Pyrene Derivatives: Synthesis, Structure, and Photophysical Properties. <i>Organic Letters</i> , 2019, 21, 6427-6431.	4.6	20
75	Expanding reversible chalcogenide binding: supramolecular receptors for the hydroselenide ($\text{HSe}^{\sup>\hat{a}}\text{</sup>}$) anion. <i>Chemical Science</i> , 2019, 10, 67-72.	7.4	20
76	Organotin Carboxylate Reagents for Nanopatterning: Chemical Transformations during Direct-Write Electron Beam Processes. <i>Chemistry of Materials</i> , 2019, 31, 4840-4850.	6.7	20
77	Self-assembled antimony-thiolate Sb_2L_3 and $\text{Sb}_2\text{L}_2\text{Cl}_2$ complexes. <i>Main Group Chemistry</i> , 2006, 5, 51-59.	0.8	19
78	Host-guest interactions in a series of self-assembled $\text{As}_2\text{L}_2\text{Cl}_2$ macrocycles. <i>Dalton Transactions</i> , 2008, , 3447.	3.3	19
79	Molecular Self-Assembly: Solvent Guests Tune the Conformation of a Series of 2,6-Bis(2-anilinoethyl)pyridine-Based Ureas. <i>Crystal Growth and Design</i> , 2011, 11, 5144-5152.	3.0	19
80	Lithium-selective phosphine oxide-based ditopic receptors show enhanced halide binding upon alkali metal ion coordination. <i>Chemical Science</i> , 2013, 4, 585-590.	7.4	19
81	Non-uniform Composition Profiles in Inorganic Thin Films from Aqueous Solutions. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 667-672.	8.0	18
82	Methanesulfonyl-polarized halogen bonding enables strong halide recognition in an arylolefinyl anion receptor. <i>Chemical Communications</i> , 2019, 55, 1919-1922.	4.1	18
83	Dynamic Covalent Chemistry as a Facile Route to Unusual Main-Group Thiolate Assemblies and Disulfide Hoops and Cages. <i>ChemPlusChem</i> , 2020, 85, 1270-1282.	2.8	18
84	Solvent-Dependent Linear Free-Energy Relationship in a Flexible Host-Guest System. <i>Journal of Organic Chemistry</i> , 2020, 85, 12367-12373.	3.2	17
85	Intramolecular $\text{N}^{\hat{a}}\text{H}^{\hat{a}}\text{Cl}$ hydrogen bonds in the outer coordination sphere of a bipyridyl bisurea-based ligand stabilize a tetrahedral FeLCl_2 complex. <i>Chemical Communications</i> , 2014, 50, 7173-7175.	4.1	16
86	Supramolecular Organization Using Multiple Secondary Bonding Interactions. <i>Crystal Growth and Design</i> , 2009, 9, 3011-3013.	3.0	15
87	Elucidating Inorganic Nanoscale Species in Solution: Complementary and Corroborative Approaches. <i>ChemPhysChem</i> , 2013, 14, 2655-2661.	2.1	15
88	Pnictogen-directed synthesis of discrete disulfide macrocycles. <i>Chemical Communications</i> , 2013, 49, 6599.	4.1	15
89	Attraction by repulsion: compounds with like charges undergo self-assembly in water that improves in high salt and persists in real biological fluids. <i>Chemical Communications</i> , 2016, 52, 2768-2771.	4.1	15
90	Non-covalent functionalization of high-surface area nanomaterials: a new class of sorbent materials. <i>Environmental Science: Nano</i> , 2016, 3, 138-145.	4.3	15

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91	Synthesis and Properties of Naphtho[2,3- <i>e</i>]-1,2-azaphosphorine 2-Oxides: PN-Anthracene Analogues. <i>Organometallics</i> , 2017, 36, 2491-2493.	2.3	15
92	Ln polyoxocations: yttrium oxide solution speciation & solution deposited thin films. <i>Dalton Transactions</i> , 2017, 46, 947-955.	3.3	15
93	Minerals to Materials: Bulk Synthesis of Aqueous Aluminum Clusters and Their Use as Precursors for Metal Oxide Thin Films. <i>Chemistry of Materials</i> , 2017, 29, 7760-7765.	6.7	15
94	Evaluation of Thermal and Radiation Induced Chemistries of Metal Oxo-Hydroxo Clusters for Next-Generation Nanoscale Inorganic Resists. <i>ACS Applied Nano Materials</i> , 2018, 1, 4548-4556.	5.0	15
95	A Surprising "Folded-In" Conformation of a Self-Assembled Arsenic-Thiolate Macrocyclic. <i>Crystal Growth and Design</i> , 2010, 10, 1471-1473.	3.0	14
96	Electrochemical synthesis of flat-[Ga ₁₃ x]In _x (1/4-OH) ₆ (1/4-OH) ₁₈ (H ₂ O) ₂₄ clusters as aqueous precursors for solution-processed semiconductors. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8492-8496.	3.5	14
97	Implications of Crystal Structure on Organotin Carboxylate Photoresists. <i>Crystal Research and Technology</i> , 2017, 52, 1700081.	1.3	14
98	"Design of Experiments" as a Method to Optimize Dynamic Disulfide Assemblies: Cages and Functionalizable Macrocyclics. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1496-1500.	13.8	14
99	Identifying Nanoscale M ₁₃ Clusters in the Solid State and Aqueous Solution: Vibrational Spectroscopy and Theoretical Studies. <i>Inorganic Chemistry</i> , 2013, 52, 6187-6192.	4.0	13
100	Synthesis of a Self-Assembled Hg(II)-Dithiocarbamate Metallomacrocyclic. <i>Crystal Growth and Design</i> , 2014, 14, 2087-2091.	3.0	13
101	Computational and Experimental Evidence of Emergent Equilibrium Isotope Effects in Anion Receptor Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 3962-3965.	13.7	13
102	Same Precursor, Two Different Products: Comparing the Structural Evolution of In-Ga-O "Gel-Derived" Powders and Solution-Cast Films Using Pair Distribution Function Analysis. <i>Journal of the American Chemical Society</i> , 2017, 139, 5607-5613.	13.7	13
103	Naphtho[2,1- <i>e</i>]-1,2-azaphosphorine 2-Oxide Derivatives: Synthesis, Optoelectronic Properties, and Self-Dimerization Phenomena. <i>Journal of Organic Chemistry</i> , 2019, 84, 8131-8139.	3.2	13
104	Solution structural characterization of an array of nanoscale aqueous inorganic Ga ₁₃ xIn _x (0 ≤ x ≤ 1) clusters. <i>Journal of the American Chemical Society</i> , 2017, 139, 1200-1208.	7.4	12
105	Lithium cation enhances anion binding in a tripodal phosphine oxide-based ditopic receptor. <i>Chemical Communications</i> , 2011, 47, 7653.	4.1	11
106	Chloride-catalyzed, multicomponent self-assembly of arsenic thiolates. <i>Chemical Communications</i> , 2014, 50, 73-75.	4.1	11
107	Amplification of the Quantum Yields of 2-Substituted-5-Phosphaquinolin-2-ones through Phosphorus Center Modification. <i>Journal of Organic Chemistry</i> , 2020, 85, 85-91.	3.2	11
108	Harnessing solid-state packing for selective detection of chloride in a macrocyclic anionophore. <i>Chemical Communications</i> , 2016, 52, 9506-9509.	4.1	11

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109	Solid-State ⁶⁹ Ga and ⁷¹ Ga NMR Study of the Nanoscale Inorganic Cluster [Ga ₁₃ (¹ / ₄ -OH) ₆ (¹ / ₄ -OH) ₁₈ (H ₂ O) ₂₄](NO ₃) ₁₅ Chemistry of Materials, 2014, 26, 4978-4983.		
110	Do CH ⁻ Anion and Anion ⁻ Interactions Alter the Mechanism of 2:1 Host ⁻ Guest Complexation in Arylethynyl Monourea Anion Receptors?. Chemistry - A European Journal, 2017, 23, 4051-4054.	3.3	10
111	Synthesis of an Aluminum Hydroxide Octamer through a Simple Dissolution Method. Angewandte Chemie, 2017, 129, 10295-10298.	2.0	10
112	Synthesis, photophysical properties, and self-dimerization studies of 2- ¹ / ₅ -phosphaquinolin-2-ones. Organic Chemistry Frontiers, 2019, 6, 1257-1265.	4.5	10
113	Hydrosulfide Oxidation at a Molybdenum Tetrasulfido Complex. Inorganic Chemistry, 2020, 59, 15574-15578.	4.0	10
114	Synthesis and Solid-State Structural Characterization of a Series of Aqueous Heterometallic Tridecameric Group 13 Clusters. Inorganic Chemistry, 2015, 54, 3913-3920.	4.0	9
115	A Synthetic Supramolecular Receptor for the Hydrosulfide Anion. Angewandte Chemie, 2016, 128, 11652-11656.	2.0	9
116	Alkyltin Keggin Clusters Templated by Sodium. Angewandte Chemie, 2017, 129, 10274-10278.	2.0	9
117	Copper(ⁱⁱ) serves as an efficient additive for metal-directed self-assembly of over 20 thiacyclophanes. Chemical Communications, 2018, 54, 13419-13422.	4.1	9
118	Mentoring Graduate Students in Research and Teaching by Utilizing Research as a Template. Journal of Chemical Education, 2014, 91, 200-205.	2.3	8
119	Conformationally flexible arylethynyl bis-urea receptors bind disparate oxoanions with similar, high affinities. Chemical Communications, 2018, 54, 13208-13211.	4.1	8
120	Structural study by solid-state ⁷¹ Ga NMR of thin film transistor precursors. Dalton Transactions, 2015, 44, 17652-17659.	3.3	7
121	Synthetic routes to a nanoscale inorganic cluster [Ga ₁₃ (¹ / ₄ -OH) ₆ (¹ / ₄ -OH) ₁₈ (H ₂ O)](NO ₃) ₁₅ evaluated by solid-state ⁷¹ Ga NMR. Journal of Solid State Chemistry, 2016, 242, 193-198.	2.9	7
122	Self ⁻ Assembly of a Trithioorthoformate ⁻ Capped Cyclophane and Its Endohedral Inclusion of a Methine Group. Chemistry - A European Journal, 2019, 25, 13290-13293.	3.3	7
123	Self-sorting in dynamic disulfide assembly: new biphenyl-bridged ⁻ nanohoops ⁻ and unsymmetrical cyclophanes. Chemical Communications, 2019, 55, 11840-11843.	4.1	7
124	ConfChem Conference on Educating the Next Generation: Green and Sustainable Chemistry ⁻ Chemistry of Sustainability: A General Education Science Course Enhancing Students, Faculty and Institutional Programming. Journal of Chemical Education, 2013, 90, 515-516.	2.3	6
125	Synthesis and solid-state structures of a macrocyclic receptor based on the 2,6-bis(2-anilinoethynyl)pyridine scaffold. CrystEngComm, 2014, 16, 3703.	2.6	6
126	Solid-State Examination of Conformationally Diverse Sulfonamide Receptors Based on Bis(2-anilinoethynyl)pyridine, -Bipyridine, and -Thiophene. Crystal Growth and Design, 2015, 15, 1502-1511.	3.0	6

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127	Exploiting the Hydrogen Bond Donor/Acceptor Properties of PN-Heterocycles: Selective Anion Receptors for Hydrogen Sulfate. <i>Angewandte Chemie</i> , 2019, 131, 3974-3978.	2.0	6
128	An Efficient Route to Symmetrical and Unsymmetrical Disulfide, Thioether, and Hydrocarbon Cyclophanes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6795-6800.	2.4	6
129	Hydrosulfide-selective ChemFETs for aqueous H ₂ S/HS ⁻ measurement. <i>Sensing and Bio-Sensing Research</i> , 2021, 31, 100394.	4.2	6
130	Design of Experiments as a Method to Optimize Dynamic Disulfide Assemblies: Cages and Functionalizable Macrocycles. <i>Angewandte Chemie</i> , 2020, 132, 1512-1516.	2.0	5
131	Bumpy Roads Lead to Beautiful Places: The Twists and Turns in Developing a New Class of PN-Heterocycles. <i>Synlett</i> , 2020, 31, 1862-1877.	1.8	5
132	Self-assembled trinuclear arsenic and antimony macrobicycles. <i>Chemical Science</i> , 2015, 6, 2444-2448.	7.4	4
133	Sub-30 eV patterning of HafSO _x resist: Effects of voltage on resolution, contrast, and sensitivity. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2016, 34, 041607.	1.2	4
134	A highly fluorescent PN-heterocycle-fused pyrene derivative with strong self-dimerisation through hydrogen bonding. <i>Supramolecular Chemistry</i> , 2020, 32, 49-55.	1.2	4
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