

# David A Atwood

## List of Publications by Year in descending order

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35  
papers

1,628  
citations

471509

17  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2264  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, Characterization, and Stability of Dealkylated Salen-Supported Aluminum Phosphates. <i>Inorganic Chemistry</i> , 2021, 60, 4456-4462.	4.0	2
2	Self-Assembly of a Semiconductive and Photoactive Heterobimetallic Metal-Organic Capsule. <i>Angewandte Chemie</i> , 2021, 133, 10610-10614.	2.0	7
3	Self-Assembly of a Semiconductive and Photoactive Heterobimetallic Metal-Organic Capsule. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10516-10520.	13.8	30
4	Frontispiz: Self-Assembly of a Semiconductive and Photoactive Heterobimetallic Metal-Organic Capsule. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
5	Frontispiece: Self-Assembly of a Semiconductive and Photoactive Heterobimetallic Metal-Organic Capsule. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
6	Controlled hierarchical self-assembly of networked coordination nanocapsules via the use of molecular chaperones. <i>Chemical Science</i> , 2020, 11, 12547-12552.	7.4	10
7	Biomimetic Self-Assembly of Co <sup>II</sup> -Seamed Hexameric Metal-Organic Nanocapsules. <i>Journal of the American Chemical Society</i> , 2019, 141, 9151-9154.	13.7	22
8	Arsenic mobility in Karnak soils after multi-year application of poultry litter containing roxarsone. <i>Main Group Chemistry</i> , 2016, 15, 365-373.	0.8	6
9	Update 1 of: Destruction and Detection of Chemical Warfare Agents. <i>Chemical Reviews</i> , 2015, 115, PR1-PR76.	47.7	284
10	Lewis acid-assisted detection of nerve agents in water. <i>Chemical Communications</i> , 2015, 51, 9269-9271.	4.1	12
11	Dealkylation of chemical weapon agents and pesticides with group 13 salen compounds. <i>Main Group Chemistry</i> , 2010, 9, 315-335.	0.8	5
12	Oxide compound formation between boron and excess magnesium. <i>Main Group Chemistry</i> , 2010, 9, 193-201.	0.8	4
13	Group 13 chelates in nerve gas agent and pesticide dealkylation. <i>New Journal of Chemistry</i> , 2008, 32, 783.	2.8	11
14	Five-Coordinate Aluminum Bromides: Synthesis, Structure, Cation Formation, and Cleavage of Phosphate Ester Bonds. <i>Journal of the American Chemical Society</i> , 2006, 128, 1147-1153.	13.7	35
15	Phosphate Ester Cleavage with Binuclear Boron Chelates. <i>ACS Symposium Series</i> , 2005, , 390-409.	0.5	4
16	Main Group Compounds. <i>Inorganic Syntheses</i> , 2004, , 1-48.	0.3	15
17	Mercury pollution and remediation: the chemist's response to a global crisis. <i>Journal of Chemical Crystallography</i> , 2003, 33, 631-645.	1.1	40
18	Alumina-Pepsin Hybrid Nanoparticles with Orientation-Specific Enzyme Coupling. <i>Nano Letters</i> , 2003, 3, 55-58.	9.1	84

#	ARTICLE	IF	CITATIONS
19	Chelated Aluminum Anions. ACS Symposium Series, 2002, , 131-141.	0.5	1
20	Research with First- and Second-Year Undergraduates: A New Model for Undergraduate Inquiry at Research Universities. Journal of Chemical Education, 2002, 79, 125.	2.3	26
21	Catalytic Dealkylation of Phosphates with Binuclear Boron Compounds. Journal of the American Chemical Society, 2002, 124, 1864-1865.	13.7	40
22	Six-coordinate aluminium cations: characterization, catalysis, and theory. Dalton Transactions RSC, 2002, , 410-414.	2.3	43
23	Chemical Precipitation of Lead from Lead Battery Recycling Plant Wastewater. Industrial & Engineering Chemistry Research, 2002, 41, 1579-1582.	3.7	156
24	Synthesis and Spectral and Thermal Properties of Pyrazine-Bridged Coordination Polymers of Copper(II) Nitrate: An Experiment for Advanced Undergraduates. Journal of Chemical Education, 2002, 79, 1355.	2.3	10
25	Salen Supported Molecular Borosilicates. Journal of Cluster Science, 2002, 13, 609-620.	3.3	2
26	Group 13 Compounds Incorporating Salen Ligands. Chemical Reviews, 2001, 101, 37-52.	47.7	390
27	Reactivity and Derivatization of Five-Coordinate, Chelated Aluminum. Inorganic Chemistry, 2001, 40, 6782-6787.	4.0	103
28	Monomeric uni-ligated aluminates. Chemical Communications, 2001, , 2094-2095.	4.1	11
29	Chemistry of 2,4,6-Trimercapto-1,3,5-triazine (TMT): $\hat{A}$ Acid Dissociation Constants and Group 2 Complexes. Inorganic Chemistry, 2001, 40, 4443-4447.	4.0	56
30	Hydrogen Bonding with Sulfur. Crystal Growth and Design, 2001, 1, 291-297.	3.0	69
31	Chelated aluminum alkoxides. Journal of Chemical Crystallography, 2000, 30, 219-222.	1.1	15
32	Group 13 Cation Formation with a Potentially Tridentate Ligand. Organometallics, 2000, 19, 4416-4421.	2.3	50
33	Five-Coordinate, Solvent-Free Aluminum Cations. Journal of the American Chemical Society, 1999, 121, 6747-6748.	13.7	47
34	Synthesis and Structures of Salen-Supported Borates Containing Siloxides. Inorganic Chemistry, 1999, 38, 3914-3918.	4.0	34
35	Arsenic in Human History and Modern Societies. , 0, , 277-302.		3