

# Michael D Pluth

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8906543/publications.pdf>

Version: 2024-02-01

132  
papers

8,739  
citations

44444

50  
h-index

49824

91  
g-index

143  
all docs

143  
docs citations

143  
times ranked

9246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Esterase-Activated Perthiocarbonate Persulfide Donors Provide Insights into Persulfide Persistence and Stability. ACS Chemical Biology, 2022, 17, 331-339.	1.6	9
2	Câ€“Hâ€“S hydrogen bonding interactions. Chemical Society Reviews, 2022, 51, 1454-1469.	18.7	35
3	Efficient inhibition of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) by sulfuration with solubilized elemental sulfur. Free Radical Biology and Medicine, 2022, 185, 46-51.	1.3	5
4	Thionitrite (SNO <sup>âˆ’</sup> ) and Perthionitrite (SSNO <sup>âˆ’</sup> ) are Simple Synthons for Nitrosylated Iron Sulfur Clusters. Angewandte Chemie - International Edition, 2022, 61, .	7.2	7
5	Thionitrite (SNO <sup>âˆ’</sup> ) and Perthionitrite (SSNO <sup>âˆ’</sup> ) are Simple Synthons for Nitrosylated Iron Sulfur Clusters. Angewandte Chemie, 2022, 134, .	1.6	1
6	A Cell Trappable Methyl Rhodolâ€“Based Fluorescent Probe for Hydrogen Sulfide Detection. Chemistry - an Asian Journal, 2022, 17, .	1.7	8
7	Direct comparison of triggering motifs on chemiluminescent probes for hydrogen sulfide detection in water. Sensors and Actuators B: Chemical, 2021, 329, 129235.	4.0	23
8	Deuterium equilibrium isotope effects in a supramolecular receptor for the hydrochalcogenide and halide anions. RSC Advances, 2021, 11, 26581-26585.	1.7	0
9	Hydrosulfide-selective ChemFETs for aqueous H <sub>2</sub> S/HS <sup>âˆ’</sup> measurement. Sensing and Bio-Sensing Research, 2021, 31, 100394.	2.2	6
10	Potentiometric measurement of barbituric acid by integration of supramolecular receptors into ChemFETs. Sensing and Bio-Sensing Research, 2021, 31, 100397.	2.2	2
11	<i>N</i> -Methylation of Self-Immolative Thiocarbamates Provides Insights into the Mechanism of Carbonyl Sulfide Release. Journal of Organic Chemistry, 2021, 86, 5443-5451.	1.7	5
12	Comment on “Evidence that the ProPerDP method is inadequate for protein persulfidation detection due to lack of specificity”. Science Advances, 2021, 7, .	4.7	3
13	Synthesis of Terminal Bis(hydrosulfido) and Disulfido Complexes of Ni(II) from a Geometrically Frustrated Tetrahedral Ni(II) Chloride Complex. Inorganic Chemistry, 2021, 60, 8135-8142.	1.9	2
14	Moving Past Quinone-Methides: Recent Advances toward Minimizing Electrophilic Byproducts from COS/H <sub>2</sub> S Donors. Current Topics in Medicinal Chemistry, 2021, 21, .	1.0	2
15	Nanohoop Rotaxane Design to Enhance the Selectivity of Reaction-Based Probes: A Proof-of-Principle Study. Organic Letters, 2021, 23, 4608-4612.	2.4	11
16	Subcellular Targeted Nanohoop for One- and Two-Photon Live Cell Imaging. ACS Nano, 2021, 15, 15285-15293.	7.3	25
17	NBD-based synthetic probes for sensing small molecules and proteins: design, sensing mechanisms and biological applications. Chemical Society Reviews, 2021, 50, 7436-7495.	18.7	94
18	Hydrolysis-Based Small-Molecule Hydrogen Selenide (H <sub>2</sub> Se) Donors for Intracellular H <sub>2</sub> Se Delivery. Journal of the American Chemical Society, 2021, 143, 19542-19550.	6.6	18

#	ARTICLE	IF	CITATIONS
19	Activatable Small-Molecule Hydrogen Sulfide Donors. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 96-109.	2.5	71
20	Extended hypoxia-mediated H <sub>2</sub> S production provides for long-term oxygen sensing. <i>Acta Physiologica</i> , 2020, 228, e13368.	1.8	14
21	Hydrosulfide Oxidation at a Molybdenum Tetrasulfido Complex. <i>Inorganic Chemistry</i> , 2020, 59, 15574-15578.	1.9	10
22	Modified cyclodextrins solubilize elemental sulfur in water and enable biological sulfane sulfur delivery. <i>Chemical Science</i> , 2020, 11, 11777-11784.	3.7	10
23	Progress toward colorimetric and fluorescent detection of carbonyl sulfide. <i>Chemical Communications</i> , 2020, 56, 9644-9647.	2.2	5
24	Frontispiece: Use of Dithiasuccinoyl-Caged Amines Enables COS/H <sub>2</sub> S Release Lacking Electrophilic Byproducts. <i>Chemistry - A European Journal</i> , 2020, 26, .	1.7	1
25	Solvent-Dependent Linear Free-Energy Relationship in a Flexible Host-Guest System. <i>Journal of Organic Chemistry</i> , 2020, 85, 12367-12373.	1.7	17
26	Hydrosulfide complexes of the transition elements: diverse roles in bioinorganic, cluster, coordination, and organometallic chemistry. <i>Chemical Society Reviews</i> , 2020, 49, 4070-4134.	18.7	48
27	H <sub>2</sub> S donors with optical responses. <i>Methods in Enzymology</i> , 2020, 641, 149-164.	0.4	2
28	Highly efficient H <sub>2</sub> S scavengers <i>via</i> thiolysis of positively-charged NBD amines. <i>Chemical Science</i> , 2020, 11, 7823-7828.	3.7	45
29	Effects of Manganese Porphyrins on Cellular Sulfur Metabolism. <i>Molecules</i> , 2020, 25, 980.	1.7	8
30	Use of Dithiasuccinoyl-Caged Amines Enables COS/H <sub>2</sub> S Release Lacking Electrophilic Byproducts. <i>Chemistry - A European Journal</i> , 2020, 26, 5374-5380.	1.7	16
31	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.	6.6	27
32	Speciation of reactive sulfur species and their reactions with alkylating agents: do we have any clue about what is present inside the cell?. <i>British Journal of Pharmacology</i> , 2019, 176, 646-670.	2.7	100
33	Development and Application of Carbonyl Sulfide-Based Donors for H <sub>2</sub> S Delivery. <i>Accounts of Chemical Research</i> , 2019, 52, 2723-2731.	7.6	83
34	Cyclic Sulfenyl Thiocarbamates Release Carbonyl Sulfide and Hydrogen Sulfide Independently in Thiol-Promoted Pathways. <i>Journal of the American Chemical Society</i> , 2019, 141, 13610-13618.	6.6	36
35	Single-component, low molecular weight organic supergelators based on chiral barbiturate scaffolds. <i>Supramolecular Chemistry</i> , 2019, 31, 499-507.	1.5	0
36	Development of Acid-Mediated H <sub>2</sub> S/COS Donors That Respond to a Specific pH Window. <i>Journal of Organic Chemistry</i> , 2019, 84, 14469-14475.	1.7	34

#	ARTICLE	IF	CITATIONS
37	Expanding reversible chalcogenide binding: supramolecular receptors for the hydroselenide ( $\text{HSe}^{\ominus}$ ) anion. <i>Chemical Science</i> , 2019, 10, 67-72.	3.7	20
38	Fluorogenic hydrogen sulfide ( $\text{H}_2\text{S}$ ) donors based on sulfenyl thiocarbonates enable $\text{H}_2\text{S}$ tracking and quantification. <i>Chemical Science</i> , 2019, 10, 1873-1878.	3.7	65
39	Dual-biomarker-triggered fluorescence probes for differentiating cancer cells and revealing synergistic antioxidant effects under oxidative stress. <i>Chemical Science</i> , 2019, 10, 1945-1952.	3.7	64
40	Fluorescent Arylethynyl Hamilton Receptors for Barbiturate Sensing. <i>Journal of Organic Chemistry</i> , 2019, 84, 8571-8577.	1.7	3
41	Development of a hydrolysis-based small-molecule hydrogen selenide ( $\text{H}_2\text{Se}$ ) donor. <i>Chemical Science</i> , 2019, 10, 10723-10727.	3.7	17
42	Effects of sulfane sulfur content in benzyl polysulfides on thiol-triggered $\text{H}_2\text{S}$ release and cell proliferation. <i>Free Radical Biology and Medicine</i> , 2019, 131, 393-398.	1.3	34
43	Esterase-Triggered Self-Immolative Thiocarbonates Provide Insights into COS Cytotoxicity. <i>ACS Chemical Biology</i> , 2019, 14, 170-175.	1.6	27
44	Dithioesters: simple, tunable, cysteine-selective $\text{H}_2\text{S}$ donors. <i>Chemical Science</i> , 2019, 10, 1773-1779.	3.7	35
45	Reactive sulfur species (RSS): persulfides, polysulfides, potential, and problems. <i>Current Opinion in Chemical Biology</i> , 2019, 49, 1-8.	2.8	103
46	Cysteine-activated hydrogen sulfide ( $\text{H}_2\text{S}$ ) delivery through caged carbonyl sulfide (COS) donor motifs. <i>Chemical Communications</i> , 2018, 54, 4951-4954.	2.2	66
47	Modular tripodal receptors for the hydrosulfide ( $\text{HS}^{\ominus}$ ) anion. <i>Chemical Communications</i> , 2018, 54, 2337-2340.	2.2	22
48	S Marks the Spot: Linking the Antioxidant Activity of N-Acetyl Cysteine to $\text{H}_2\text{S}$ and Sulfane Sulfur Species. <i>Cell Chemical Biology</i> , 2018, 25, 353-355.	2.5	11
49	Emerging Roles of Carbonyl Sulfide in Chemical Biology: Sulfide Transporter or Gasotransmitter?. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1516-1532.	2.5	56
50	Investigations into the carbonic anhydrase inhibition of COS-releasing donor core motifs. <i>Biochemical Pharmacology</i> , 2018, 149, 124-130.	2.0	2
51	Thionoesters: A Native Chemical Ligation-Inspired Approach to Cysteine-Triggered $\text{H}_2\text{S}$ Donors. <i>Journal of the American Chemical Society</i> , 2018, 140, 12574-12579.	6.6	54
52	Expanding the Chemical Space of Biocompatible Fluorophores: Nanohoops in Cells. <i>ACS Central Science</i> , 2018, 4, 1173-1178.	5.3	75
53	Cytochrome <i>c</i> Reduction by $\text{H}_2\text{S}$ Potentiates Sulfide Signaling. <i>ACS Chemical Biology</i> , 2018, 13, 2300-2307.	1.6	76
54	Colorimetric Carbonyl Sulfide (COS)/Hydrogen Sulfide ( $\text{H}_2\text{S}$ ) Donation from $\beta$ -Ketothiocarbamate Donor Motifs. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13101-13105.	7.2	36

#	ARTICLE	IF	CITATIONS
55	Colorimetric Carbonyl Sulfide (COS)/Hydrogen Sulfide (H <sub>2</sub> S) Donation from <sup>13</sup> C-Ketothiocarbamate Donor Motifs. <i>Angewandte Chemie</i> , 2018, 130, 13285-13289.	1.6	4
56	Light-Activated COS/H <sub>2</sub> S Donation from Photocaged Thiocarbamates. <i>Organic Letters</i> , 2017, 19, 2278-2281.	2.4	83
57	Spectroscopic investigation of the reaction of metallo-protoporphyrins with hydrogen sulfide. <i>Journal of Inorganic Biochemistry</i> , 2017, 173, 152-157.	1.5	23
58	Applications of Synthetic Organic Tetrasulfides as H <sub>2</sub> S Donors. <i>Organic Letters</i> , 2017, 19, 2314-2317.	2.4	68
59	Inhibition of Mitochondrial Bioenergetics by Esterase-Triggered COS/H <sub>2</sub> S Donors. <i>ACS Chemical Biology</i> , 2017, 12, 2117-2123.	1.6	68
60	Bio-orthogonal "click-and-release" donation of caged carbonyl sulfide (COS) and hydrogen sulfide (H <sub>2</sub> S). <i>Chemical Communications</i> , 2017, 53, 1378-1380.	2.2	79
61	Supramolecular bidentate phosphine ligand scaffolds from deconstructed Hamilton receptors. <i>Chemical Communications</i> , 2017, 53, 561-564.	2.2	8
62	Kinetic Insights into Hydrogen Sulfide Delivery from Caged-Carbonyl Sulfide Isomeric Donor Platforms. <i>Journal of the American Chemical Society</i> , 2017, 139, 16365-16376.	6.6	87
63	Bis(aryl) Tetrasulfides as Cathode Materials for Rechargeable Lithium Batteries. <i>Chemistry - A European Journal</i> , 2017, 23, 16941-16947.	1.7	56
64	Different and Often Opposing Forces Drive the Encapsulation and Multiple Exterior Binding of Charged Guests to a M <sub>4</sub> L <sub>6</sub> Supramolecular Vessel in Water. <i>Chemistry - A European Journal</i> , 2017, 23, 16813-16818.	1.7	18
65	Frontispiece: Bis(aryl) Tetrasulfides as Cathode Materials for Rechargeable Lithium Batteries. <i>Chemistry - A European Journal</i> , 2017, 23, .	1.7	0
66	Gasotransmitters in Biology and Medicine: Molecular Mechanisms and Drug Targets. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-2.	1.9	18
67	The Intersection of NO and H <sub>2</sub> S: Persulfides Generate NO from Nitrite through Polysulfide Formation. <i>Inorganic Chemistry</i> , 2016, 55, 12618-12625.	1.9	43
68	Self-Immolative Thiocarbamates Provide Access to Triggered H <sub>2</sub> S Donors and Analyte Replacement Fluorescent Probes. <i>Journal of the American Chemical Society</i> , 2016, 138, 7256-7259.	6.6	156
69	Stabilization of a Zn(II) hydrosulfido complex utilizing a hydrogen-bond accepting ligand. <i>Chemical Communications</i> , 2016, 52, 7680-7682.	2.2	23
70	Organelle-Targeted H <sub>2</sub> S Probes Enable Visualization of the Subcellular Distribution of H <sub>2</sub> S Donors. <i>Analytical Chemistry</i> , 2016, 88, 5769-5774.	3.2	58
71	A practical guide to working with H <sub>2</sub> S at the interface of chemistry and biology. <i>Chemical Society Reviews</i> , 2016, 45, 6108-6117.	18.7	278
72	A Synthetic Supramolecular Receptor for the Hydrosulfide Anion. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11480-11484.	7.2	40

#	ARTICLE	IF	CITATIONS
73	A Synthetic Supramolecular Receptor for the Hydrosulfide Anion. <i>Angewandte Chemie</i> , 2016, 128, 11652-11656.	1.6	9
74	Hydrogen Sulfide Donors Activated by Reactive Oxygen Species. <i>Angewandte Chemie</i> , 2016, 128, 14858-14862.	1.6	29
75	Hydrogen Sulfide Donors Activated by Reactive Oxygen Species. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14638-14642.	7.2	127
76	Spectroscopic investigations into the binding of hydrogen sulfide to synthetic picket-fence porphyrins. <i>Dalton Transactions</i> , 2016, 45, 4843-4853.	1.6	33
77	Synthesis of Amino-ADT Provides Access to Hydrolytically Stable Amide-Coupled Hydrogen Sulfide Releasing Drug Targets. <i>Synlett</i> , 2016, 27, 1349-1353.	1.0	15
78	A Bright Fluorescent Probe for H <sub>2</sub> S Enables Analyte-Responsive, 3D Imaging in Live Zebrafish Using Light Sheet Fluorescence Microscopy. <i>Journal of the American Chemical Society</i> , 2015, 137, 10216-10223.	6.6	194
79	Natural Products Containing Hydrogen Sulfide Releasing Moieties. <i>Synlett</i> , 2015, 26, 2633-2643.	1.0	59
80	Collaboration and Near-Peer Mentoring as a Platform for Sustainable Science Education Outreach. <i>Journal of Chemical Education</i> , 2015, 92, 625-630.	1.1	35
81	Design, Synthesis, and Characterization of Hybrid Metal-Ligand Hydrogen-Bonded (MLHB) Supramolecular Architectures. <i>Inorganic Chemistry</i> , 2015, 54, 1912-1918.	1.9	18
82	Inhibition of endogenous hydrogen sulfide production in clear-cell renal cell carcinoma cell lines and xenografts restricts their growth, survival and angiogenic potential. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 49, 26-39.	1.2	27
83	Selection for a Single Self-Assembled Macrocycle from a Hybrid Metal-Ligand Hydrogen-Bonded (MLHB) Ligand Subunit. <i>Inorganic Chemistry</i> , 2015, 54, 6910-6916.	1.9	5
84	Chemiluminescent Detection of Enzymatically Produced H <sub>2</sub> S. <i>Methods in Enzymology</i> , 2015, 554, 81-99.	0.4	5
85	NBu <sub>4</sub> SH provides a convenient source of HS <sup>-</sup> soluble in organic solution for H <sub>2</sub> S and anion-binding research. <i>Dalton Transactions</i> , 2015, 44, 19782-19785.	1.6	30
86	Mechanistic Insights into the H <sub>2</sub> S-Mediated Reduction of Aryl Azides Commonly Used in H <sub>2</sub> S Detection. <i>Journal of the American Chemical Society</i> , 2015, 137, 15330-15336.	6.6	185
87	Reactions of isolated persulfides provide insights into the interplay between H <sub>2</sub> S and persulfide reactivity. <i>Free Radical Biology and Medicine</i> , 2015, 89, 662-667.	1.3	50
88	A simple bioluminescent method for measuring d-amino acid oxidase activity. <i>Chemical Communications</i> , 2015, 51, 5425-5428.	2.2	17
89	Mechanistic investigations reveal that dibromobimane extrudes sulfur from biological sulfhydryl sources other than hydrogen sulfide. <i>Chemical Science</i> , 2015, 6, 294-300.	3.7	28
90	Understanding the Effects of Preorganization, Rigidity, and Steric Interactions in Synthetic Barbiturate Receptors. <i>Journal of Organic Chemistry</i> , 2014, 79, 711-719.	1.7	19

#	ARTICLE	IF	CITATIONS
91	Linear Free Energy Relationships Reveal Structural Changes in Hydrogen-Bonded Host-Guest Interactions. <i>Journal of Organic Chemistry</i> , 2014, 79, 11797-11801.	1.7	11
92	Chloride-catalyzed, multicomponent self-assembly of arsenic thiolates. <i>Chemical Communications</i> , 2014, 50, 73-75.	2.2	11
93	Hydrogen Sulfide Deactivates Common Nitrobenzofurazan-Based Fluorescent Thiol Labeling Reagents. <i>Analytical Chemistry</i> , 2014, 86, 6032-6039.	3.2	72
94	Understanding Hydrogen Sulfide Storage: Probing Conditions for Sulfide Release from Hydrodisulfides. <i>Journal of the American Chemical Society</i> , 2014, 136, 10573-10576.	6.6	124
95	Chemically Reversible Reactions of Hydrogen Sulfide with Metal Phthalocyanines. <i>Inorganic Chemistry</i> , 2014, 53, 7800-7802.	1.9	53
96	Ratiometric Measurement of Hydrogen Sulfide and Cysteine/Homocysteine Ratios Using a Dual-Fluorophore Fragmentation Strategy. <i>Analytical Chemistry</i> , 2014, 86, 7135-7140.	3.2	125
97	Chemiluminescent Detection of Enzymatically Produced Hydrogen Sulfide: Substrate Hydrogen Bonding Influences Selectivity for H <sub>2</sub> S over Biological Thiols. <i>Journal of the American Chemical Society</i> , 2013, 135, 16697-16704.	6.6	161
98	Identification and Rescue of $\alpha$ -Synuclein Toxicity in Parkinson Patient-Derived Neurons. <i>Science</i> , 2013, 342, 983-987.	6.0	416
99	Development of Selective Colorimetric Probes for Hydrogen Sulfide Based on Nucleophilic Aromatic Substitution. <i>Journal of Organic Chemistry</i> , 2013, 78, 6550-6557.	1.7	160
100	Chemical Tools for Studying Biological Hydrogen Sulfide. <i>ACS Symposium Series</i> , 2013, , 15-32.	0.5	10
101	Specific Visualization of Nitric Oxide in the Vasculature with Two-Photon Microscopy Using a Copper Based Fluorescent Probe. <i>PLoS ONE</i> , 2013, 8, e75331.	1.1	15
102	Reversible binding of nitric oxide to an Fe(III) complex of a tetra-amido macrocycle. <i>Chemical Communications</i> , 2012, 48, 11981.	2.2	14
103	Selective turn-on fluorescent probes for imaging hydrogen sulfide in living cells. <i>Chemical Communications</i> , 2012, 48, 4767.	2.2	398
104	Role of Ca <sup>2+</sup> in the Control of H <sub>2</sub> O <sub>2</sub> -Modulated Phosphorylation Pathways Leading to eNOS Activation in Cardiac Myocytes. <i>PLoS ONE</i> , 2012, 7, e44627.	1.1	17
105	Seminaphthofluorescein-Based Fluorescent Probes for Imaging Nitric Oxide in Live Cells. <i>Inorganic Chemistry</i> , 2011, 50, 9385-9392.	1.9	72
106	Biochemistry of Mobile Zinc and Nitric Oxide Revealed by Fluorescent Sensors. <i>Annual Review of Biochemistry</i> , 2011, 80, 333-355.	5.0	156
107	Hydrogen peroxide differentially modulates cardiac myocyte nitric oxide synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15792-15797.	3.3	76
108	Enzymelike Catalysis of the Nazarov Cyclization by Supramolecular Encapsulation. <i>Journal of the American Chemical Society</i> , 2010, 132, 6938-6940.	6.6	308



#	ARTICLE	IF	CITATIONS
109	External and Internal Guest Binding of a Highly Charged Supramolecular Host in Water: Deconvoluting the Very Different Thermodynamics. <i>Journal of the American Chemical Society</i> , 2010, 132, 1005-1009.	6.6	87
110	Mechanism of Nitric Oxide Reactivity and Fluorescence Enhancement of the NO-Specific Probe CuFL1. <i>Inorganic Chemistry</i> , 2010, 49, 8025-8033.	1.9	45
111	Cell-Trappable Fluorescent Probes for Nitric Oxide Visualization in Living Cells. <i>Organic Letters</i> , 2010, 12, 2318-2321.	2.4	62
112	Encapsulation and characterization of proton-bound amine homodimers in a water-soluble, self-assembled supramolecular host. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10438-10443.	3.3	56
113	Proton-Mediated Chemistry and Catalysis in a Self-Assembled Supramolecular Host. <i>Accounts of Chemical Research</i> , 2009, 42, 1650-1659.	7.6	555
114	Structural Consequences of Anionic Host <sup>-</sup> Cationic Guest Interactions in a Supramolecular Assembly. <i>Inorganic Chemistry</i> , 2009, 48, 111-120.	1.9	65
115	The Acid Hydrolysis Mechanism of Acetals Catalyzed by a Supramolecular Assembly in Basic Solution. <i>Journal of Organic Chemistry</i> , 2009, 74, 58-63.	1.7	61
116	Simultaneously bound guests and chiral recognition: a chiral self-assembled supramolecular host encapsulates hydrophobic guests. <i>Tetrahedron</i> , 2008, 64, 8362-8367.	1.0	42
117	Supramolecular Catalysis of Orthoformate Hydrolysis in Basic Solution: An Enzyme-Like Mechanism. <i>Journal of the American Chemical Society</i> , 2008, 130, 11423-11429.	6.6	93
118	Diffusion of a Highly Charged Supramolecular Assembly: Direct Observation of Ion Association in Water. <i>Inorganic Chemistry</i> , 2008, 47, 1411-1413.	1.9	31
119	Acceleration of Amide Bond Rotation by Encapsulation in the Hydrophobic Interior of a Water-Soluble Supramolecular Assembly. <i>Journal of Organic Chemistry</i> , 2008, 73, 7132-7136.	1.7	25
120	Encapsulation of Protonated Diamines in a Water-Soluble, Chiral, Supramolecular Assembly Allows for Measurement of Hydrogen-Bond Breaking Followed by Nitrogen Inversion/Rotation. <i>Journal of the American Chemical Society</i> , 2008, 130, 6362-6366.	6.6	51
121	Reversible guest exchange mechanisms in supramolecular host-guest assemblies. <i>Chemical Society Reviews</i> , 2007, 36, 161-171.	18.7	448
122	Acid Catalysis in Basic Solution: A Supramolecular Host Promotes Orthoformate Hydrolysis. <i>Science</i> , 2007, 316, 85-88.	6.0	717
123	Making Amines Strong Bases: Thermodynamic Stabilization of Protonated Guests in a Highly-Charged Supramolecular Host. <i>Journal of the American Chemical Society</i> , 2007, 129, 11459-11467.	6.6	117
124	Analysis of an Unprecedented Mechanism for the Catalytic Hydrosilylation of Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2007, 129, 14684-14696.	6.6	142
125	Catalytic Deprotection of Acetals in Basic Solution with a Self-Assembled Supramolecular "Nanozyme". <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8587-8589.	7.2	117
126	N,N'-((Pyrene-1,8-diyl)bis(2,3-dimethoxybenzaldehyde)). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3621-o3621.	0.2	0



#	ARTICLE	IF	CITATIONS
127	1,2-HOIQOa Highly Versatile 1,2-HOPO Analogue. <i>Inorganic Chemistry</i> , 2007, 46, 351-353.	1.9	33
128	Dimethoxyphosphinoyl phenyl ketonep-tolylsulfonylhydrazone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3551-o3552.	0.2	0
129	Organometallic chemistry in aqueous solution: Reactions catalyzed by water-soluble molybdocenes. <i>Coordination Chemistry Reviews</i> , 2006, 250, 1141-1151.	9.5	62
130	Aqueous Phase Organometallic Catalysis Using (MeCp) <sub>2</sub> Mo(OH)(H <sub>2</sub> O) <sup>+</sup> . Intramolecular Attack of Hydroxide on Organic Substrates. <i>Organometallics</i> , 2004, 23, 1738-1746.	1.1	48
131	Organometallic Chemistry in Aqueous Solution. Hydration of Nitriles to Amides Catalyzed by a Water-Soluble Molybdocene, (MeCp) <sub>2</sub> Mo(OH)(H <sub>2</sub> O) <sup>+</sup> . <i>Organometallics</i> , 2003, 22, 1203-1211.	1.1	128
132	Selective Stoichiometric and Catalytic Reactivity in the Confines of a Chiral Supramolecular Assembly. , 0, , 165-197.		7