

# Kenneth N Raymond

## List of Publications by Year in descending order

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320  
papers

34,789  
citations

3264

94  
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5244

171  
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343  
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343  
docs citations

343  
times ranked

20727  
citing authors

#	ARTICLE	IF	CITATIONS
1	Source of Rate Acceleration for Carbocation Cyclization in Biomimetic Supramolecular Cages. <i>Journal of the American Chemical Society</i> , 2022, 144, 11413-11424.	6.6	15
2	Impact of Host Flexibility on Selectivity in a Supramolecular Host-Catalyzed Enantioselective aza-Darzens Reaction. <i>Journal of the American Chemical Society</i> , 2022, 144, 11425-11433.	6.6	35
3	Chemoselective and Site-Selective Reductions Catalyzed by a Supramolecular Host and a Pyridine-Borane Cofactor. <i>Journal of the American Chemical Society</i> , 2021, 143, 2108-2114.	6.6	28
4	A Nanovessel-Catalyzed Three-Component Aza-Darzens Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 733-737.	6.6	39
5	Advances in supramolecular host-mediated reactivity. <i>Nature Catalysis</i> , 2020, 3, 969-984.	16.1	216
6	Heterogeneous Supramolecular Catalysis through Immobilization of Anionic $M_{4}L_{6}$ Assemblies on Cationic Polymers. <i>Journal of the American Chemical Society</i> , 2020, 142, 19327-19338.	6.6	27
7	An isolated water droplet in the aqueous solution of a supramolecular tetrahedral cage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32954-32961.	3.3	24
8	A Supramolecular Strategy for Selective Catalytic Hydrogenation Independent of Remote Chain Length. <i>Journal of the American Chemical Society</i> , 2019, 141, 11806-11810.	6.6	66
9	Supramolecular Host-Selective Activation of Iodoarenes by Encapsulated Organometallics. <i>Journal of the American Chemical Society</i> , 2019, 141, 1701-1706.	6.6	43
10	Measuring ion-pairing and hydration in variable charge supramolecular cages with microwave microfluidics. <i>Communications Chemistry</i> , 2019, 2, .	2.0	12
11	Energy Transfer from Antenna Ligand to Europium(III) Followed Using Ultrafast Optical and X-ray Spectroscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 11071-11081.	6.6	63
12	Parsing the functional specificity of Siderocalin/Lipocalin 2/NGAL for siderophores and related small-molecule ligands. <i>Journal of Structural Biology: X</i> , 2019, 2, 100008.	0.7	18
13	Self-Assembled Tetrahedral Hosts as Supramolecular Catalysts. <i>Accounts of Chemical Research</i> , 2018, 51, 2447-2455.	7.6	292
14	Deconvoluting the Role of Charge in a Supramolecular Catalyst. <i>Journal of the American Chemical Society</i> , 2018, 140, 6591-6595.	6.6	81
15	Different and Often Opposing Forces Drive the Encapsulation and Multiple Exterior Binding of Charged Guests to a $M_{4}L_{6}$ Supramolecular Vessel in Water. <i>Chemistry - A European Journal</i> , 2017, 23, 16813-16818.	1.7	18
16	Conformational Selection as the Mechanism of Guest Binding in a Flexible Supramolecular Host. <i>Journal of the American Chemical Society</i> , 2017, 139, 8013-8021.	6.6	93
17	Synthesis and Chemical Reactivity of a $6\text{-Me-}2\text{-Hydroxypyridinone}$ Dithiazolide with Primary Amines: A route to New Hexadentate Chelators for Hard Metal(III) Ions. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1065-1073.	1.4	2
18	Scope and Mechanism of Cooperativity at the Intersection of Organometallic and Supramolecular Catalysis. <i>Journal of the American Chemical Society</i> , 2016, 138, 9682-9693.	6.6	86

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19	A Macrocyclic Chelator That Selectively Binds Ln <sup>4+</sup> over Ln <sup>3+</sup> by a Factor of 10 <sup>29</sup> . <i>Inorganic Chemistry</i> , 2016, 55, 9989-10002.	1.9	29
20	Untangling the Diverse Interior and Multiple Exterior Guest Interactions of a Supramolecular Host by the Simultaneous Analysis of Complementary Observables. <i>Analytical Chemistry</i> , 2016, 88, 6923-6929.	3.2	14
21	Siderophore inspired tetra- and octadentate antenna ligands for luminescent Eu(III) and Tb(III) complexes. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 263-273.	1.5	16
22	Effects of Ligand Geometry on the Photophysical Properties of Photoluminescent Eu(III) and Sm(III) 1-Hydroxypyridin-2-one Complexes in Aqueous Solution. <i>Inorganic Chemistry</i> , 2016, 55, 114-124.	1.9	26
23	Improved scope and diastereoselectivity of C-H activation in an expanded supramolecular host. <i>Supramolecular Chemistry</i> , 2016, 28, 188-191.	1.5	1
24	A supramolecular microenvironment strategy for transition metal catalysis. <i>Science</i> , 2015, 350, 1235-1238.	6.0	401
25	New Insights into Structure and Luminescence of Eu <sup>III</sup> and Sm <sup>III</sup> Complexes of the 3,4,3-LI(1,2-HOPO) Ligand. <i>Journal of the American Chemical Society</i> , 2015, 137, 2816-2819.	6.6	64
26	Optimization of the Sensitization Process and Stability of Octadentate Eu(III) 1,2-HOPO Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 6807-6820.	1.9	15
27	Enabling New Modes of Reactivity via Constrictive Binding in a Supramolecular-Assembly-Catalyzed Aza-Prins Cyclization. <i>Journal of the American Chemical Society</i> , 2015, 137, 9202-9205.	6.6	111
28	Catechol Siderophore Transport by <i>Vibrio cholerae</i> . <i>Journal of Bacteriology</i> , 2015, 197, 2840-2849.	1.0	50
29	Supramolecular Catalysis in Metal-Ligand Cluster Hosts. <i>Chemical Reviews</i> , 2015, 115, 3012-3035.	23.0	1,021
30	Supramolecular Ga <sub>4</sub> L <sub>6</sub> Cage Photosensitizes 1,3-Rearrangement of Encapsulated Guest via Photoinduced Electron Transfer. <i>Journal of the American Chemical Society</i> , 2015, 137, 10128-10131.	6.6	92
31	Coordination Chemistry of Microbial Iron Transport. <i>Accounts of Chemical Research</i> , 2015, 48, 2496-2505.	7.6	126
32	Protein-like proton exchange in a synthetic host cavity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15303-15307.	3.3	16
33	The effect of host structure on the selectivity and mechanism of supramolecular catalysis of Prins cyclizations. <i>Chemical Science</i> , 2015, 6, 1383-1393.	3.7	68
34	Characterization, HPLC method development and impurity identification for 3,4,3-LI(1,2-HOPO), a potent actinide chelator for radionuclide decorporation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 102, 443-449.	1.4	5
35	Biochemical and Physical Properties of Siderophores. , 2014, , 1-17.		52
36	Origins of Large Rate Enhancements in the Nazarov Cyclization Catalyzed by Supramolecular Encapsulation. <i>Chemistry - A European Journal</i> , 2014, 20, 3966-3973.	1.7	47

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37	Nucleophilic Substitution Catalyzed by a Supramolecular Cavity Proceeds with Retention of Absolute Stereochemistry. <i>Journal of the American Chemical Society</i> , 2014, 136, 14409-14412.	6.6	114
38	Direct Observation of 4f Intrashell Excitation in Luminescent Eu Complexes by Time-Resolved X-ray Absorption Near Edge Spectroscopy. <i>Journal of the American Chemical Society</i> , 2014, 136, 4186-4191.	6.6	33
39	Direct Evidence of Iron Uptake by the Gram-Positive Siderophore-Shuttle Mechanism without Iron Reduction. <i>ACS Chemical Biology</i> , 2014, 9, 2092-2100.	1.6	30
40	Chiral Amide Directed Assembly of a Diastereo- and Enantiopure Supramolecular Host and its Application to Enantioselective Catalysis of Neutral Substrates. <i>Journal of the American Chemical Society</i> , 2013, 135, 18802-18805.	6.6	193
41	<i>Campylobacter jejuni</i> ferric enterobactin receptor CfrA is TonB3 dependent and mediates iron acquisition from structurally different catechol siderophores. <i>Metallomics</i> , 2013, 5, 988.	1.0	32
42	Solvent and Pressure Effects on the Motions of Encapsulated Guests: Tuning the Flexibility of a Supramolecular Host. <i>Journal of the American Chemical Society</i> , 2013, 135, 4299-4306.	6.6	44
43	Siderocalins: Siderophore binding proteins evolved for primary pathogen host defense. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 150-157.	2.8	55
44	A supramolecular approach to combining enzymatic and transition metal catalysis. <i>Nature Chemistry</i> , 2013, 5, 100-103.	6.6	312
45	Porphyrin-Substituted H-NOX Proteins as High-Relaxivity MRI Contrast Agents. <i>Inorganic Chemistry</i> , 2013, 52, 2277-2279.	1.9	38
46	<i>Bacillus cereus</i> iron uptake protein fishes out an unstable ferric citrate trimer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16829-16834.	3.3	30
47	Selective Monoterpene-like Cyclization Reactions Achieved by Water Exclusion from Reactive Intermediates in a Supramolecular Catalyst. <i>Journal of the American Chemical Society</i> , 2012, 134, 17873-17876.	6.6	144
48	Equilibrium Isotope Effects on Noncovalent Interactions in a Supramolecular Host-Guest System. <i>Journal of the American Chemical Society</i> , 2012, 134, 2057-2066.	6.6	42
49	Analysis of Lanthanide Complex Dendrimer Conjugates for Bimodal NIR and MRI Imaging. <i>Macromolecules</i> , 2012, 45, 8982-8990.	2.2	36
50	Silica Microparticles as a Solid Support for Gadolinium Phosphonate Magnetic Resonance Imaging Contrast Agents. <i>Journal of the American Chemical Society</i> , 2012, 134, 8046-8049.	6.6	45
51	Circularly Polarized Luminescence of Curium: A New Characterization of the 5f Actinide Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 15545-15549.	6.6	47
52	Conjugation to Biocompatible Dendrimers Increases Lanthanide $T_2$ Relaxivity of Hydroxypyridinone Complexes for Magnetic Resonance Imaging. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2108-2114.	1.0	28
53	Improving $T_1$ and $T_2$ magnetic resonance imaging contrast agents through the conjugation of an esteramide dendrimer to high water coordination Gd(III) hydroxypyridinone complexes. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 95-99.	0.4	45
54	A Single Sensitizer for the Excitation of Visible and NIR Lanthanide Emitters in Water with High Quantum Yields. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2371-2374.	7.2	84

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55	Siderocalin/Lcn2/NGAL/24p3 Does Not Drive Apoptosis Through Genticic Acid Mediated Iron Withdrawal in Hematopoietic Cell Lines. PLoS ONE, 2012, 7, e43696.	1.1	45
56	3,4,3-LI(1,2-HOPO): In vitro formation of highly stable lanthanide complexes translates into efficacious in vivo europium decorporation. Dalton Transactions, 2011, 40, 8340.	1.6	58
57	Hydroalkoxylation Catalyzed by a Gold(I) Complex Encapsulated in a Supramolecular Host. Journal of the American Chemical Society, 2011, 133, 7358-7360.	6.6	204
58	Conjugation Effects of Various Linkers on Gd(III) MRI Contrast Agents with Dendrimers: Optimizing the Hydroxypyridinonate (HOPO) Ligands with Nontoxic, Degradable Esteramide (EA) Dendrimers for High Relaxivity. Journal of the American Chemical Society, 2011, 133, 2390-2393.	6.6	90
59	Immune Interference in <i>Mycobacterium tuberculosis</i> Intracellular Iron Acquisition through Siderocalin Recognition of Carboxymycobactins. ACS Chemical Biology, 2011, 6, 1327-1331.	1.6	27
60	Hexadentate Terephthalamide(bis-hydroxypyridinone) Ligands for Uranyl Chelation: Structural and Thermodynamic Consequences of Ligand Variation. Journal of the American Chemical Society, 2011, 133, 7942-7956.	6.6	41
61	High-Turnover Supramolecular Catalysis by a Protected Ruthenium(II) Complex in Aqueous Solution. Journal of the American Chemical Society, 2011, 133, 11964-11966.	6.6	107
62	<sup>1</sup> H NMR Chemical Shift Calculations as a Probe of Supramolecular Host-Guest Geometry. Journal of the American Chemical Society, 2011, 133, 11205-11212.	6.6	37
63	Uranyl sequestration: synthesis and structural characterization of uranyl complexes with a tetradentate methylterephthalamide ligand. Chemical Communications, 2011, 47, 6392.	2.2	17
64	Multidentate Terephthalamidate and Hydroxypyridonate Ligands: Towards New Orally Active Chelators. Hemoglobin, 2011, 35, 276-290.	0.4	18
65	Multivalent, High-Relaxivity MRI Contrast Agents Using Rigid Cysteine-Reactive Gadolinium Complexes. Journal of the American Chemical Society, 2011, 133, 14704-14709.	6.6	115
66	Octadentate Cages of Tb(III) 2-Hydroxyisophthalamides: A New Standard for Luminescent Lanthanide Labels. Journal of the American Chemical Society, 2011, 133, 19900-19910.	6.6	198
67	Inner and Outer Beauty. Topics in Current Chemistry, 2011, 323, 1-18.	4.0	7
68	Galline Ex-FABP Is an Antibacterial Siderocalin and a Lysophosphatidic Acid Sensor Functioning through Dual Ligand Specificities. Structure, 2011, 19, 1796-1806.	1.6	29
69	Assembly of Near-Infrared Luminescent Lanthanide Host(Guest) Complexes With a Metallacrown Sandwich Motif. Angewandte Chemie - International Edition, 2011, 50, 9660-9664.	7.2	161
70	Enzyme-Like Control of Carbocation Deprotonation Regioselectivity in Supramolecular Catalysis of the Nazarov Cyclization. Angewandte Chemie - International Edition, 2011, 50, 10570-10573.	7.2	82
71	The Influence of Linker Geometry in Bis(3-hydroxy-N-methylpyridin-2-one) Ligands on Solution Phase Uranyl Affinity. Chemistry - A European Journal, 2011, 17, 1818-1827.	1.7	22
72	BIOMIMETIC ACTINIDE CHELATORS: AN UPDATE ON THE PRECLINICAL DEVELOPMENT OF THE ORALLY ACTIVE HYDROXYPYRIDONATE DECORPORATION AGENTS 3,4,3-LI(1,2-HOPO) AND 5-LIO(ME-3,2-HOPO). Health Physics, 2010, 99, 401-407.	0.3	98

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73	1-Methyl-3-hydroxy-pyridin-2-one Complexes of Near Infra-Red Emitting Lanthanides: Efficient Sensitization of Yb(III) and Nd(III) in Aqueous Solution. <i>Inorganic Chemistry</i> , 2010, 49, 4156-4166.	1.9	37
74	Strong Circularly Polarized Luminescence from Highly Emissive Terbium Complexes in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3343-3347.	1.0	38
75	Does Size Really Matter? The Steric Isotope Effect in a Supramolecular Host-Guest Exchange Reaction. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3635-3637.	7.2	61
76	Inside Cover: Does Size Really Matter? The Steric Isotope Effect in a Supramolecular Host-Guest Exchange Reaction ( <i>Angew. Chem. Int. Ed.</i> 21/2010). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3546-3546.	7.2	0
77	Iron traffics in circulation bound to a siderocalin (Ngal)-catechol complex. <i>Nature Chemical Biology</i> , 2010, 6, 602-609.	3.9	270
78	A ferrocene-based catecholamide ligand: the consequences of ligand swivel for directed supramolecular self-assembly. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2779-2789.	0.8	14
79	Encapsulated Guest-Host Dynamics: Guest Rotational Barriers and Tumbling as a Probe of Host Interior Cavity Space. <i>Journal of the American Chemical Society</i> , 2010, 132, 16256-16264.	6.6	46
80	Enzymelike Catalysis of the Nazarov Cyclization by Supramolecular Encapsulation. <i>Journal of the American Chemical Society</i> , 2010, 132, 6938-6940.	6.6	308
81	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
82	Eu(III) Complexes of Functionalized Octadentate 1-Hydroxypyridin-2-ones: Stability, Bioconjugation, and Luminescence Resonance Energy Transfer Studies. <i>Inorganic Chemistry</i> , 2010, 49, 9928-9939.	1.9	22
83	Fe L-Edge X-ray Absorption Spectroscopy Determination of Differential Orbital Covalency of Siderophore Model Compounds: Electronic Structure Contributions to High Stability Constants. <i>Journal of the American Chemical Society</i> , 2010, 132, 4006-4015.	6.6	68
84	Influence of Linker Geometry on Uranyl Complexation by Rigidly Linked Bis(3-hydroxy- <i>N</i> -methyl-pyridin-2-one). <i>Inorganic Chemistry</i> , 2010, 49, 6755-6765.	1.9	25
85	Eu(III) Complexes of Octadentate 1-Hydroxy-2-pyridinones: Stability and Improved Photophysical Performance. <i>Australian Journal of Chemistry</i> , 2009, 62, 1300.	0.5	6
86	Characterization of a <i>Bacillus subtilis</i> transporter for petrobactin, an anthrax stealth siderophore. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21854-21859.	3.3	80
87	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
88	A [Cyclentetrakis(methylene)]tetrakis[2-hydroxybenzamide] Ligand That Complexes and Sensitizes Lanthanide(III) Ions. <i>Helvetica Chimica Acta</i> , 2009, 92, 2439-2460.	1.0	12
89	Effect of a mesitylene-based ligand cap on the relaxometric properties of Gd(III) hydroxypyridonate MRI contrast agents. <i>Contrast Media and Molecular Imaging</i> , 2009, 4, 220-229.	0.4	13
90	Phosphorus caged. <i>Nature</i> , 2009, 460, 585-586.	13.7	19

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91	Designing the Ideal Uranyl Ligand: a Sterically Induced Speciation Change in Complexes with Thiophene-Bridged Bis(3-hydroxy-N-methylpyridin-2-one). <i>Inorganic Chemistry</i> , 2009, 48, 11489-11491.	1.9	23
92	Aryl Bridged 1-Hydroxypyridin-2-one: Effect of the Bridge on the Eu(III) Sensitization Process. <i>Inorganic Chemistry</i> , 2009, 48, 9316-9324.	1.9	20
93	Enantioselective Catalysis of the Aza-Cope Rearrangement by a Chiral Supramolecular Assembly. <i>Journal of the American Chemical Society</i> , 2009, 131, 17530-17531.	6.6	215
94	Using the Antenna Effect as a Spectroscopic Tool: Photophysics and Solution Thermodynamics of the Model Luminescent Hydroxypyridonate Complex [Eu(III)(3,4,3-Li(1,2-HOPO))]· <i>Inorganic Chemistry</i> , 2009, 48, 10868-10870.	1.9	65
95	Proton-Mediated Chemistry and Catalysis in a Self-Assembled Supramolecular Host. <i>Accounts of Chemical Research</i> , 2009, 42, 1650-1659.	7.6	555
96	Enzymatic Hydrolysis of Trilactone Siderophores: Where Chiral Recognition Occurs in Enterobactin and Bacillibactin Iron Transport. <i>Journal of the American Chemical Society</i> , 2009, 131, 12682-12692.	6.6	84
97	1,2-Hydroxypyridonate/Terephthalamide Complexes of Gadolinium(III): Synthesis, Stability, Relaxivity, and Water Exchange Properties. <i>Inorganic Chemistry</i> , 2009, 48, 277-286.	1.9	40
98	Structural Consequences of Anionic Host-Cationic Guest Interactions in a Supramolecular Assembly. <i>Inorganic Chemistry</i> , 2009, 48, 111-120.	1.9	65
99	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
100	Predicting Efficient Antenna Ligands for Tb(III) Emission. <i>Inorganic Chemistry</i> , 2009, 48, 687-698.	1.9	95
101	Gd(III)-Hydroxypyridinone (HOPO)-Based High-Relaxivity Magnetic Resonance Imaging (MRI) Contrast Agents. <i>Accounts of Chemical Research</i> , 2009, 42, 938-947.	7.6	230
102	From Antenna to Assay: Lessons Learned in Lanthanide Luminescence. <i>Accounts of Chemical Research</i> , 2009, 42, 542-552.	7.6	945
103	Siderophore-Mediated Iron Acquisition Systems in <i>Bacillus cereus</i> : Identification of Receptors for Anthrax Virulence-Associated Petrobactin. <i>Biochemistry</i> , 2009, 48, 3645-3657.	1.2	89
104	Circularly Polarized Luminescence in Enantiopure Europium and Terbium Complexes with Modular, All-Oxygen Donor Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 8469-8479.	1.9	43
105	Terephthalamide-containing ligands: fast removal of iron from transferrin. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 229-240.	1.1	18
106	Surprising Coordination Geometry Differences in Ce(IV) and Pu(IV) Maltol Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2143-2147.	1.0	28
107	Efficient Route to Highly Water-Soluble Aromatic Cyclic Hydroxamic Acid Ligands. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2697-2700.	1.2	4
108	High-Relaxivity MRI Contrast Agents: Where Coordination Chemistry Meets Medical Imaging. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8568-8580.	7.2	415

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109	Design and Formation of a Large Tetrahedral Cluster Using 1,1'-Binaphthyl Ligands. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6062-6064.	7.2	65
110	Hydroxypyridinone Complexes of Near-Infrared (NIR) Emitting Lanthanides: Sensitization of Holmium(III) and Praseodymium(III) in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9500-9503.	7.2	75
111	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
112	Enthalpy-Entropy Compensation Reveals Solvent Reorganization as a Driving Force for Supramolecular Encapsulation in Water. <i>Journal of the American Chemical Society</i> , 2008, 130, 2798-2805.	6.6	150
113	Highly Luminescent Lanthanide Complexes of 1-Hydroxy-2-pyridinones. <i>Inorganic Chemistry</i> , 2008, 47, 3105-3118.	1.9	69
114	High Relaxivity Gadolinium Hydroxypyridonate-Viral Capsid Conjugates: Nanosized MRI Contrast Agents. <i>Journal of the American Chemical Society</i> , 2008, 130, 2546-2552.	6.6	165
115	Use of Yb(III)-Centered Near-Infrared (NIR) Luminescence To Determine the Hydration State of a 3,2-HOPO-Based MRI Contrast Agent. <i>Inorganic Chemistry</i> , 2008, 47, 8571-8573.	1.9	20
116	Aza Cope Rearrangement of Propargyl Enammonium Cations Catalyzed By a Self-Assembled Nanozyme. <i>Journal of the American Chemical Society</i> , 2008, 130, 10977-10983.	6.6	140
117	Water-Soluble 2-Hydroxyisophthalamides for Sensitization of Lanthanide Luminescence. <i>Inorganic Chemistry</i> , 2008, 47, 7535-7544.	1.9	62
118	The Role of Electrostatics in Siderophore Recognition by the Immunoprotein Siderocalin. <i>Journal of the American Chemical Society</i> , 2008, 130, 17584-17592.	6.6	51
119	Aqueous Ln(III) Luminescence Agents Derived from a Tasty Precursor. <i>Inorganic Chemistry</i> , 2008, 47, 7951-7953.	1.9	14
120	Aryl-Bridged 1-Hydroxypyridin-2-one: Sensitizer Ligands for Eu(III). <i>Inorganic Chemistry</i> , 2008, 47, 6109-6111.	1.9	41
121	Petrobactin-Mediated Iron Transport in Pathogenic Bacteria: Coordination Chemistry of an Unusual 3,4-Catecholate/Citrate Siderophore. <i>Journal of the American Chemical Society</i> , 2008, 130, 2124-2125.	6.6	79
122	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
123	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
124	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
125	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
126	Highly Fluorescent Group 13 Metal Complexes With Cyclic, Aromatic Hydroxamic Acid Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 8665-8673.	1.9	8



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127	On the Suitability of Lanthanides as Actinide Analogs. Materials Research Society Symposia Proceedings, 2008, 1104, 1.	0.1	3
128	Brilliant Sm, Eu, Tb, and Dy Chiral Lanthanide Complexes with Strong Circularly Polarized Luminescence. Journal of the American Chemical Society, 2007, 129, 77-83.	6.6	278
129	Reversible guest exchange mechanisms in supramolecular host-guest assemblies. Chemical Society Reviews, 2007, 36, 161-171.	18.7	448
130	Magnetic Resonance Contrast Agents from Viral Capsid Shells: A Comparison of Exterior and Interior Cargo Strategies. Nano Letters, 2007, 7, 2207-2210.	4.5	135
131	The Hydrophobic Effect Drives the Recognition of Hydrocarbons by an Anionic Metal-Ligand Cluster. Journal of the American Chemical Society, 2007, 129, 12094-12095.	6.6	87
132	1,2-Hydroxypyridonates as Contrast Agents for Magnetic Resonance Imaging: TREN-1,2-HOPO. Inorganic Chemistry, 2007, 46, 9182-9191.	1.9	58
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