

# Yu-Sheng Chen

## List of Publications by Year in descending order

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137  
papers

7,164  
citations

57681

46  
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75989

78  
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143  
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143  
docs citations

143  
times ranked

8953  
citing authors

#	ARTICLE	IF	CITATIONS
1	Taming the Chlorine Radical: Enforcing Steric Control over Chlorine-Radical-Mediated C-H Activation. <i>Journal of the American Chemical Society</i> , 2022, 144, 1464-1472.	6.6	62
2	Fluorinated Azaacenes: Efficient Syntheses, Structures, and Electrochemical Properties. <i>Journal of Fluorine Chemistry</i> , 2022, 257-258, 109960.	0.9	0
3	A robust soc-MOF platform exhibiting high gravimetric uptake and volumetric deliverable capacity for on-board methane storage. <i>Nano Research</i> , 2021, 14, 512-517.	5.8	40
4	Capturing the Complete Reaction Profile of a C-H Bond Activation. <i>Journal of the American Chemical Society</i> , 2021, 143, 6060-6064.	6.6	21
5	Assigning Optical Absorption Transitions with Light-Induced Crystal Structures: Case Study of a Single-Crystal Nanooptomechanical Transducer. <i>Journal of Physical Chemistry C</i> , 2021, 125, 15711-15723.	1.5	4
6	Photohalogen elimination chemistry in low-valent binuclear nickel complexes. <i>Polyhedron</i> , 2021, 203, 115228.	1.0	1
7	Functional Porphyrinic Metal-Organic Framework as a New Class of Heterogeneous Halogen-Bond Donor Catalyst. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24312-24317.	7.2	20
8	Functional Porphyrinic Metal-Organic Framework as a New Class of Heterogeneous Halogen Bond Donor Catalyst. <i>Angewandte Chemie</i> , 2021, 133, 24514.	1.6	2
9	Single-Crystal Optical Actuation Generated by 100% SO <sub>2</sub> Linkage Photoisomerization in a Ruthenium-Based Coordination Complex. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20059-20066.	1.5	2
10	Rapid build up of nanooptomechanical transduction in single crystals of a ruthenium-based SO <sub>2</sub> linkage photoisomer. <i>Chemical Communications</i> , 2021, 57, 1320-1323.	2.2	8
11	In situ visualization of loading-dependent water effects in a stable metal-organic framework. <i>Nature Chemistry</i> , 2020, 12, 186-192.	6.6	53
12	Intertwined density waves in a metallic nickelate. <i>Nature Communications</i> , 2020, 11, 6003.	5.8	24
13	<i>In Crystallo</i> Snapshots of Rh <sub>2</sub> -Catalyzed C-H Amination. <i>Journal of the American Chemical Society</i> , 2020, 142, 19862-19867.	6.6	31
14	Systems Approach of Photoisomerization Metrology for Single-Crystal Optical Actuators: A Case Study of [Ru(SO <sub>2</sub> )(NH <sub>3</sub> ) <sub>4</sub> ]Cl. <i>Journal of Physical Chemistry C</i> , 2020, 124, 28230-28243.	1.5	7
15	Determination of the dehydration pathway in a flexible metal-organic framework by dynamic <i>in situ</i> x-ray diffraction. <i>Structural Dynamics</i> , 2020, 7, 034305.	0.9	4
16	Chemical Bonding in Colossal Thermopower FeSb <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2020, 26, 8651-8662.	1.7	6
17	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
18	High oxygen pressure floating zone growth and crystal structure of the metallic nickelates $\text{R}_4\text{Ni}_2\text{O}_{10}$		

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19	Site-specific structure at multiple length scales in kagome quantum spin liquid candidates. <i>Physical Review Materials</i> , 2020, 4, .	0.9	13
20	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
21	Robust Corrole-Based Metal-Organic Frameworks with Rare 9-Connected Zr/Hf-Oxo Clusters. <i>Journal of the American Chemical Society</i> , 2019, 141, 14443-14450.	6.6	83
22	Chemical mimicry of viral capsid self-assembly via corannulene-based pentatopic tectons. <i>Nature Communications</i> , 2019, 10, 3443.	5.8	38
23	PAH/PAH(CF <sub>3</sub> ) <sub>n</sub> Donor/Acceptor Charge-Transfer Complexes in Solution and in Solid-State Co-Crystals. <i>Chemistry - A European Journal</i> , 2019, 25, 13547-13565.	1.7	7
24	One-Pot Self-Assembly of Stellated Metallosupramolecules from Multivalent and Complementary Terpyridine-Based Ligands. <i>Journal of the American Chemical Society</i> , 2019, 141, 16217-16221.	6.6	31
25	Characterization of a Reactive Rh <sub>2</sub> Nitrenoid by Crystalline Matrix Isolation. <i>Journal of the American Chemical Society</i> , 2019, 141, 16232-16236.	6.6	46
26	Spin Stripe Order in a Square Planar Trilayer Nickelate. <i>Physical Review Letters</i> , 2019, 122, 247201.	2.9	48
27	Ligand-Based Control of Single-Site vs. Multi-Site Reactivity by a Trichromium Cluster. <i>Angewandte Chemie</i> , 2019, 131, 5743-5747.	1.6	0
28	Ligand-Based Control of Single-Site vs. Multi-Site Reactivity by a Trichromium Cluster. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5687-5691.	7.2	14
29	$\text{Ir}^{\text{III}}\text{-SO}_2$ Linkage Photoisomer of an Osmium Coordination Complex. <i>Inorganic Chemistry</i> , 2018, 57, 2673-2677.	1.9	21
30	Linear MgCp* <sub>2</sub> vs Bent CaCp* <sub>2</sub> : London Dispersion, Ligand-Induced Charge Localizations, and Pseudo-Pregostic H <sup>+</sup> -Ca Interactions. <i>Inorganic Chemistry</i> , 2018, 57, 4906-4920.	1.9	17
31	Understanding Polyarene Trifluoromethylation with Hot CF <sub>3</sub> Radicals Using Corannulene. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4233-4245.	1.2	8
32	Dissecting Porosity in Molecular Crystals: Influence of Geometry, Hydrogen Bonding, and [π-π] Stacking on the Solid-State Packing of Fluorinated Aromatics. <i>Journal of the American Chemical Society</i> , 2018, 140, 6014-6026.	6.6	106
33	Multicomponent Self-Assembly of Metallo-Supramolecular Macrocycles and Cages through Dynamic Heteroleptic Terpyridine Complexation. <i>Chemistry - A European Journal</i> , 2018, 24, 9274-9284.	1.7	35
34	Synthesis and Characterization of Ferrocene Based Hemicages. <i>Journal of Organic Chemistry</i> , 2018, 83, 4824-4830.	1.7	7
35	A metal-metalloporphyrin framework based on an octatopic porphyrin ligand for chemical fixation of CO <sub>2</sub> with aziridines. <i>Chemical Communications</i> , 2018, 54, 1170-1173.	2.2	104
36	Self-Assembly and Catalytic Reactivity of BINOL-Bridged Bis(phenanthroline) Metallocages. <i>Inorganic Chemistry</i> , 2018, 57, 3559-3567.	1.9	19

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37	Rationally designed divalent caffeic amides inhibit amyloid- $\beta$ fibrillization, induce fibril dissociation, and ameliorate cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 393-404.	2.6	11
38	Topology-Guided Stepwise Insertion of Three Secondary Linkers in Zirconium Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018, 140, 7710-7715.	6.6	81
39	Frontispiece: Multicomponent Self-Assembly of Metallo-Supramolecular Macrocycles and Cages through Dynamic Heteroleptic Terpyridine Complexation. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
40	From the source: student-centred guest lecturing in a chemical crystallography class. <i>Journal of Applied Crystallography</i> , 2018, 51, 909-914.	1.9	9
41	From Coordination Cages to a Stable Crystalline Porous Hydrogen-Bonded Framework. <i>Chemistry - A European Journal</i> , 2017, 23, 4774-4777.	1.7	68
42	Direct Characterization of a Reactive Lattice-Confined Ru <sub>2</sub> Nitride by Photocrystallography. <i>Journal of the American Chemical Society</i> , 2017, 139, 2912-2915.	6.6	47
43	Partially Interpenetrated NbO Topology Metal-Organic Framework Exhibiting Selective Gas Adsorption. <i>Crystal Growth and Design</i> , 2017, 17, 2711-2717.	1.4	30
44	Stepwise self-assembly of a discrete molecular honeycomb using a multitopic metallo-organic ligand. <i>Chemical Communications</i> , 2017, 53, 6732-6735.	2.2	18
45	Metallo-Organic Ligand Designing Road for Constructing the First-Generation Dendritic Metallotriangle. <i>Inorganic Chemistry</i> , 2017, 56, 4065-4071.	1.9	13
46	High-Pressure Structural Response of an Insensitive Energetic Crystal: Dihydroxylammonium 5,5'-Bistetrazole-1,1'-diolate (TKX-50). <i>Journal of Physical Chemistry C</i> , 2017, 121, 5761-5767.	1.5	28
47	The crystalline sponge method: a solvent-based strategy to facilitate noncovalent ordered trapping of solid and liquid organic compounds. <i>CrystEngComm</i> , 2017, 19, 4528-4534.	1.3	27
48	Position Assignment and Oxidation State Recognition of Fe and Co Centers in Heterometallic Mixed-Valent Molecular Precursors for the Low-Temperature Preparation of Target Spinel Oxide Materials. <i>Inorganic Chemistry</i> , 2017, 56, 9574-9584.	1.9	12
49	Solvent exchange in a metal-organic framework single crystal monitored by dynamic <i>in situ</i> X-ray diffraction. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 669-674.	0.5	5
50	Incremental Tuning Up of Fluorous Phenazine Acceptors. <i>Chemistry - A European Journal</i> , 2016, 22, 3930-3936.	1.7	12
51	Copper Causes Regiospecific Formation of C <sub>4</sub> F <sub>8</sub> -Containing Six-Membered Rings and their Defluorination/Aromatization to C <sub>4</sub> F <sub>4</sub> -Containing Rings in Triphenylene/1,4-C <sub>4</sub> F <sub>8</sub> I <sub>2</sub> Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 874-877.	1.7	16
52	Structures and structure-related electronic properties of new C <sub>60</sub> (CF <sub>3</sub> ) <sub>10</sub> isomers. <i>Journal of Fluorine Chemistry</i> , 2016, 185, 103-117.	0.9	7
53	Highly Efficient Cooperative Catalysis by Co <sup>III</sup> (Porphyrin) Pairs in Interpenetrating Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2016, 128, 13943-13947.	1.6	24
54	Highly Efficient Cooperative Catalysis by Co <sup>III</sup> (Porphyrin) Pairs in Interpenetrating Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13739-13743.	7.2	78

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55	Teaching Outside the Classroom: Field Trips in Crystallography Education for Chemistry Students. <i>Journal of Chemical Education</i> , 2016, 93, 1671-1675.	1.1	17
56	Redox Pairs of Diiron and Iron–Cobalt Complexes with High-Spin Ground States. <i>Inorganic Chemistry</i> , 2016, 55, 9725-9735.	1.9	13
57	Stacked charge stripes in the quasi-2D trilayer nickelate La <sub>4</sub> Ni <sub>3</sub> O <sub>8</sub> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8945-8950.	3.3	73
58	A New Approach to Non-Coordinating Anions: Lewis Acid Enhancement of Porphyrin Metal Centers in a Zwitterionic Metal–Organic Framework. <i>Journal of the American Chemical Society</i> , 2016, 138, 10293-10298.	6.6	85
59	High-Pressure Structural Response of an Insensitive Energetic Crystal: 1,1-Diamino-2,2-dinitroethene (FOX-7). <i>Journal of Physical Chemistry C</i> , 2016, 120, 27600-27607.	1.5	22
60	Stereoelectronic Effects in Cl <sub>2</sub> Elimination from Binuclear Pt(III) Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 11815-11820.	1.9	22
61	Highly Porous Zirconium Metal–Organic Frameworks with $\hat{I}^2$ -UH <sub>3</sub> -like Topology Based on Elongated Tetrahedral Linkers. <i>Journal of the American Chemical Society</i> , 2016, 138, 8380-8383.	6.6	76
62	High-Pressure Crystal Structures of an Insensitive Energetic Crystal: 1,1-Diamino-2,2-dinitroethene. <i>Journal of Physical Chemistry C</i> , 2016, 120, 1218-1224.	1.5	42
63	Metallo-Supramolecular Self-Assembly of a Multicomponent Ditrigon Based on Complementary Terpyridine Ligand Pairing. <i>Journal of the American Chemical Society</i> , 2016, 138, 3651-3654.	6.6	77
64	The role of atropisomers on the photo-reactivity and fatigue of diarylethene-based metal–organic frameworks. <i>New Journal of Chemistry</i> , 2016, 40, 101-106.	1.4	78
65	Mesoporous Fluorinated Metal–Organic Frameworks with Exceptional Adsorption of Fluorocarbons and CFCs. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13902-13906.	7.2	95
66	Core Perylene Diimide Designs via Direct Bay- and <i>ortho</i> -(Poly)trifluoromethylation: Synthesis, Isolation, X-ray Structures, Optical and Electronic Properties. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6641-6654.	1.2	26
67	The crystalline sponge method: MOF terminal ligand effects. <i>Chemical Communications</i> , 2015, 51, 11252-11255.	2.2	67
68	A faux hawk fullerene with PCBM-like properties. <i>Chemical Science</i> , 2015, 6, 1801-1815.	3.7	8
69	Open metal sites dangled on cobalt trigonal prismatic clusters within porous MOF for CO <sub>2</sub> capture. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 369-372.	3.0	23
70	Charge density investigations on [2,2]-paracyclophane – in data we trust. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2015, 71, 10-19.	0.5	20
71	A mesoporous metal–organic framework based on a shape-persistent macrocycle. <i>Chemical Communications</i> , 2015, 51, 6340-6342.	2.2	35
72	Remote Stabilization of Copper Paddlewheel Based Molecular Building Blocks in Metal–Organic Frameworks. <i>Chemistry of Materials</i> , 2015, 27, 2144-2151.	3.2	72

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73	Porphyrin-Metalation-Mediated Tuning of Photoredox Catalytic Properties in Metal-Organic Frameworks. <i>ACS Catalysis</i> , 2015, 5, 5283-5291.	5.5	212
74	A versatile environmental control cell for <i>in situ</i> guest exchange single-crystal diffraction. <i>Journal of Applied Crystallography</i> , 2015, 48, 578-581.	1.9	11
75	High pressure induced charge transfer in 3d-4f bimetallic photomagnetic materials. <i>Chemical Communications</i> , 2015, 51, 8868-8871.	2.2	13
76	Trap-Free Halogen Photoelimination from Mononuclear Ni(III) Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 6472-6475.	6.6	125
77	The local electric field favours more than exposed nitrogen atoms on CO <sub>2</sub> capture: a case study on the <i>rh</i> -type MOF platform. <i>Chemical Communications</i> , 2015, 51, 9636-9639.	2.2	48
78	Cyclotetrabenzoin: Facile Synthesis of a Shape-Persistent Molecular Square and Its Assembly into Hydrogen-Bonded Nanotubes. <i>Chemistry - A European Journal</i> , 2015, 21, 17205-17209.	1.7	36
79	Influence of Copper Oxidation State on the Bonding and Electronic Structure of Cobalt-Copper Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 11330-11338.	1.9	12
80	Analysis of rapidly synthesized guest-filled porous complexes with synchrotron radiation: practical guidelines for the crystalline sponge method. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, 46-58.	0.0	79
81	Contemporary X-ray electron-density studies using synchrotron radiation. <i>IUCr</i> , 2014, 1, 267-280.	1.0	34
82	Advanced Crystallographic Program at ChemMatCARS at Advanced Photon Source. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C1727-C1727.	0.0	4
83	Thermally robust and porous noncovalent organic framework with high affinity for fluorocarbons and CFCs. <i>Nature Communications</i> , 2014, 5, 5131.	5.8	236
84	Chemical Bonding in a Linear Chromium Metal String Complex. <i>Inorganic Chemistry</i> , 2014, 53, 12489-12498.	1.9	21
85	Crystal Engineering of an nbo Topology Metal-Organic Framework for Chemical Fixation of CO <sub>2</sub> under Ambient Conditions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2615-2619.	7.2	505
86	Direct X-ray Observation of Trapped CO <sub>2</sub> in a Predesigned Porphyrinic Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2014, 20, 7632-7637.	1.7	39
87	Role of the Metal in the Bonding and Properties of Bimetallic Complexes Involving Manganese, Iron, and Cobalt. <i>Journal of the American Chemical Society</i> , 2014, 136, 1842-1855.	6.6	91
88	An elusive fulvene 1,7,11,24-C60(CF3) <sub>4</sub> and its unusual reactivity. <i>Chemical Communications</i> , 2014, 50, 1205-1208.	2.2	9
89	A novel manganese-doped large polyoxotitanate nanocluster. <i>Dalton Transactions</i> , 2014, 43, 3839-3841.	1.6	31
90	Facile Control of the Charge Density and Photocatalytic Activity of an Anionic Indium Porphyrin Framework via <i>In Situ</i> Metalation. <i>Journal of the American Chemical Society</i> , 2014, 136, 15881-15884.	6.6	144

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91	Photocrystallographic Observation of Halide-Bridged Intermediates in Halogen Photoeliminations. <i>Journal of the American Chemical Society</i> , 2014, 136, 15346-15355.	6.6	31
92	Poly(trifluoromethyl)azulenes: structures and acceptor properties. <i>Chemical Communications</i> , 2014, 50, 6263-6266.	2.2	16
93	Atomic properties and chemical bonding in the pyrite and marcasite polymorphs of FeS <sub>2</sub> : a combined experimental and theoretical electron density study. <i>Chemical Science</i> , 2014, 5, 1408-1421.	3.7	65
94	Host Perturbation in a $\beta$ -Hydroquinone Clathrate Studied by Combined X-ray/Neutron Charge Density Analysis: Implications for Molecular Inclusion in Supramolecular Entities. <i>Chemistry - A European Journal</i> , 2014, 20, 8089-8098.	1.7	10
95	Phase Transition of [2,2]-Paracyclophane – An End to an Apparently Endless Story. <i>Chemistry - A European Journal</i> , 2014, 20, 7048-7053.	1.7	27
96	Assembly and Stepwise Oxidation of Interpenetrated Coordination Cages Based on Phenothiazine. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10102-10106.	7.2	108
97	Mixed-Valent Dicobalt and Iron–Cobalt Complexes with High-Spin Configurations and Short Metal–Metal Bonds. <i>Inorganic Chemistry</i> , 2013, 52, 9216-9228.	1.9	41
98	Quantification of Site-Specific Cation Exchange in Metal–Organic Frameworks Using Multi-Wavelength Anomalous X-ray Dispersion. <i>Chemistry of Materials</i> , 2013, 25, 2998-3002.	3.2	49
99	A Large Manganese-doped Polyoxotitanate Nanocluster: Ti <sub>14</sub> MnO <sub>14</sub> (OH) <sub>2</sub> (OEt) <sub>28</sub> . <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 887-890.	0.8	25
100	Synthesis of Open-Shell, Bimetallic Mn/Fe Trinuclear Clusters. <i>Journal of the American Chemical Society</i> , 2013, 135, 14448-14458.	6.6	29
101	Two rare indium-based porous metal–metalloporphyrin frameworks exhibiting interesting CO <sub>2</sub> uptake. <i>CrystEngComm</i> , 2013, 15, 9320.	1.3	45
102	Experimental and Theoretical Charge Densities of a Zinc-Containing Coordination Polymer, Zn(HCOO) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> . <i>Inorganic Chemistry</i> , 2013, 52, 297-305.	1.9	24
103	Light-Triggered Guest Uptake and Release by a Photochromic Coordination Cage. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1319-1323.	7.2	461
104	Formation of a Metalloporphyrin-Based Nanoreactor by Postsynthetic Metal–Ion Exchange of a Polyhedral Cage Containing a Metal–Metalloporphyrin Framework. <i>Chemistry - A European Journal</i> , 2013, 19, 3297-3301.	1.7	82
105	A “pillar-free”, highly porous metalloporphyrinic framework exhibiting eclipsed porphyrin arrays. <i>Chemical Communications</i> , 2013, 49, 2828.	2.2	47
106	Regioselective Sequential Additions of Nucleophiles and Electrophiles to Perfluoroalkylfullerenes: Which Cage C Atoms Are the Most Reactive and Why?. <i>Chemistry - A European Journal</i> , 2013, 19, 5070-5080.	1.7	17
107	Porous metal–organic framework based on a macrocyclic tetracarboxylate ligand exhibiting selective CO <sub>2</sub> uptake. <i>CrystEngComm</i> , 2012, 14, 6115.	1.3	47
108	Synthesis of Binucleating Macrocycles and Their Nickel(II) Hydroxo- and Cyano-Bridged Complexes with Divalent Ions: Anatomical Variation of Ligand Features. <i>Inorganic Chemistry</i> , 2012, 51, 11017-11029.	1.9	53



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109	Crystal Engineering of a Microporous, Catalytically Active fcu Topology MOF Using a Custom-Designed Metalloporphyrin Linker. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10082-10085.	7.2	154
110	Substituent effects in a series of 1,7-C60(RF) <sub>2</sub> compounds (RF = CF <sub>3</sub> , C <sub>2</sub> F <sub>5</sub> , n-C <sub>3</sub> F <sub>7</sub> , i-C <sub>3</sub> F <sub>7</sub> , n-C <sub>4</sub> F <sub>9</sub> , s-C <sub>4</sub> F <sub>9</sub> .) <i>Tj ETQq0 0 0 rgBT /Overlo</i> <i>Chemical Science</i> , 2012, 3, 1399.	3.7	25
111	Quest for highly porous metal-“metalloporphyrin framework based upon a custom-designed octatopic porphyrin ligand. <i>Chemical Communications</i> , 2012, 48, 7173.	2.2	92
112	Testing the Concept of Hypervalency: Charge Density Analysis of K <sub>2</sub> SO <sub>4</sub> . <i>Inorganic Chemistry</i> , 2012, 51, 8607-8616.	1.9	93
113	Vertex-directed self-assembly of a high symmetry supermolecular building block using a custom-designed porphyrin. <i>Chemical Science</i> , 2012, 3, 2823.	3.7	92
114	Chemical tailoring of fullerene acceptors: synthesis, structures and electrochemical properties of perfluoroisopropylfullerenes. <i>Chemical Communications</i> , 2011, 47, 875-877.	2.2	20
115	Reactivity Differences between $\hat{1}$ , $\hat{1}^2$ -Unsaturated Carbonyls and Hydrazones Investigated by Experimental and Theoretical Electron Density and Electron Localizability Analyses. <i>Journal of Physical Chemistry A</i> , 2011, 115, 12715-12732.	1.1	25
116	A photo-induced excited state structure of a hetero-bimetallic ionic pair complex, Nd(DMA) <sub>4</sub> (H <sub>2</sub> O) <sub>4</sub> Fe(CN) <sub>6</sub> ·3H <sub>2</sub> O, analyzed by single crystal X-ray diffraction. <i>Chemical Communications</i> , 2011, 47, 9486.	2.2	9
117	Three-Dimensional Porous Metal-“Metalloporphyrin Framework Consisting of Nanoscopic Polyhedral Cages. <i>Journal of the American Chemical Society</i> , 2011, 133, 16322-16325.	6.6	142
118	Intermolecular Interactions and Electrostatic Properties of the $\hat{1}^2$ -Hydroquinone Apohost: Implications for Supramolecular Chemistry. <i>Journal of Physical Chemistry A</i> , 2011, 115, 12962-12972.	1.1	21
119	Analysis of the Photomagnetic Properties of Cyano-Bridged Heterobimetallic Complexes by X-Ray Diffraction. <i>Inorganic Chemistry</i> , 2011, 50, 10974-10984.	1.9	19
120	Poly(perfluoroalkylation) of Metallic Nitride Fullerenes Reveals Addition-Pattern Guidelines: Synthesis and Characterization of a Family of Sc <sub>3</sub> N@C <sub>80</sub> (CF <sub>3</sub> ) <sub>n</sub> (n = 2~16) and Their Radical Anions. <i>Journal of the American Chemical Society</i> , 2011, 133, 2672-2690.	6.6	73
121	Electron Density of Corannulene from Synchrotron Data at 12 K, Comparison with Fullerenes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 452-460.	0.3	19
122	Photomagnetic Switching of Heterometallic Complexes [M(dmf) <sub>4</sub> (H <sub>2</sub> O) <sub>3</sub> ( $\hat{1}^4$ -CN)Fe(CN) <sub>5</sub> ] $\hat{a}$ ...H <sub>2</sub> O (M=Nd), <i>Tj ETQq0 0 0 rg</i> <i>Journal</i> , 2010, 16, 7215-7223.	1.7	24
123	High-temperature and photochemical syntheses of C <sub>60</sub> and C <sub>70</sub> fullerene derivatives with linear perfluoroalkyl chains. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 1198-1212.	0.9	19
124	Time-resolved synchrotron diffraction and theoretical studies of very short-lived photo-induced molecular species. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, 179-188.	0.3	42
125	Optimizing the accuracy and precision of the single-pulse Laue technique for synchrotron photo-crystallography. <i>Journal of Synchrotron Radiation</i> , 2010, 17, 479-485.	1.0	13
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#	ARTICLE	IF	CITATIONS
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