

# Zi-Ling Xue

## List of Publications by Citations

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#	Paper	IF	Citations
264	Novel, acentric metal-organic coordination polymers from hydrothermal reactions involving in situ ligand synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 3800-3	16.4	457
263	Enantioseparation of Racemic Organic Molecules by a Zeolite Analogue This work was supported by The Major State Basic Research Development Program (Grant No. G2000077500), the National Natural Science Foundation of China, the Camille Dreyfus Teacher-Scholar Program, the National Science Foundation of the USA (CHE-9904338), and the University of Tennessee SARIF EPPE Fund..	16.4	390
262	Imprint Coating: A Novel Synthesis of Selective Functionalized Ordered Mesoporous Sorbents. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 1235-1239	16.4	248
261	Hydrothermal preparation of novel Cd(II) coordination polymers employing 5-(4-pyridyl)tetrazolate as a bridging ligand. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 6544-6	5.1	211
260	One-Step Solid-State Reactions at Ambient Temperatures A Novel Approach to Nanocrystal Synthesis. <i>Advanced Materials</i> , <b>1999</b> , 11, 941-942	24	177
259	2D molecular square grid with strong blue fluorescent emission: a complex of norfloxacin with zinc(II). <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 4075-7	5.1	173
258	A second-order nonlinear optical material prepared through in situ hydrothermal ligand synthesis. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 3618-25	5.1	149
257	BiOBr hierarchical microspheres: Microwave-assisted solvothermal synthesis, strong adsorption and excellent photocatalytic properties. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 354, 630-6	9.3	141
256	Isolation and crystallographic characterization of a solid precipitate/intermediate in the preparation of 5-substituted 1H-tetrazoles from nitrile in water. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 3969-71	5.1	140
255	Slow magnetic relaxation in a mononuclear eight-coordinate cobalt(II) complex. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 12213-6	16.4	135
254	Homochiral Zn and Cd coordination polymers containing amino acid-tetrazole ligands. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 7710-2	5.1	117
253	Individual and simultaneous determination of lead, cadmium, and zinc by anodic stripping voltammetry at a bismuth bulk electrode. <i>Talanta</i> , <b>2010</b> , 82, 675-80	6.2	109
252	Blue to Red Fluorescent Emission Tuning of a Cadmium Coordination Polymer by Conjugated Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 2572-2577	2.3	108
251	Unusual magnetic property associated with dimerization within a nickel tetramer. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 5931-3	5.1	104
250	Syntheses, Structures, and Photoluminescence of Five New Metal-Organic Frameworks Based on Flexible Tetrapyridines and Aromatic Polycarboxylate Acids. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 2676-2684	2.5	102
249	Syntheses, structures, and magnetic properties of unusual nonlinear polynuclear copper(II) complexes containing derivatives of 1,2,4-triazole and pivalate ligands. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 8011-22	5.1	99
248	Synthesis of novel chiral and acentric coordination polymers by the reaction of zinc or cadmium salts with racemic 3-pyridyl-3-aminopropionic acid. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 53-60	4.8	98

247	Persimmon-like (BiO) <sub>2</sub> CO <sub>3</sub> microstructures: hydrothermal preparation, photocatalytic properties and their conversion into Bi <sub>2</sub> S <sub>3</sub> . <i>CrystEngComm</i> , <b>2011</b> , 13, 1939-1945	3.3	96
246	Simultaneous Stripping Detection of Pb(II), Cd(II) and Zn(II) Using a Bimetallic Hg-Bi/Single-Walled Carbon Nanotubes Composite Electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2011</b> , 656, 78-84	4.1	96
245	Microwave-assisted solution-phase preparation of flower-like Bi <sub>2</sub> WO <sub>6</sub> and its visible-light-driven photocatalytic properties. <i>CrystEngComm</i> , <b>2011</b> , 13, 306-311	3.3	90
244	Organometallic chemical vapor deposition of platinum. Reaction kinetics and vapor pressures of precursors. <i>Chemistry of Materials</i> , <b>1992</b> , 4, 162-166	9.6	90
243	Six new metal-organic frameworks based on polycarboxylate acids and V-shaped imidazole-based synthon: syntheses, crystal structures, and properties. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 2404-14	5.1	88
242	Syntheses, Structures, and Photochemical Properties of Six New Metal-Organic Frameworks Based on Aromatic Dicarboxylate Acids and V-Shaped Imidazole Ligands. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 4135-4142	3.5	87
241	Fluorescent-dye-doped sol-gel sensor for highly sensitive carbon dioxide gas detection below atmospheric concentrations. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 593-600	7.8	86
240	Characterization of (methylcyclopentadienyl)trimethylplatinum and low-temperature organometallic chemical vapor deposition of platinum metal. <i>Journal of the American Chemical Society</i> , <b>1989</b> , 111, 8779-8784	16.4	86
239	Controlled Synthesis and Characterization of Nanostructured EuF <sub>3</sub> with Different Crystalline Phases and Morphologies. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 2169-2173	3.5	82
238	2D Chiral Uranyl(VI) Coordination Polymers with Second-Harmonic Generation Response and Ferroelectric Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 3712-3715	2.3	76
237	Three self-penetrated, interlocked, and polycatenated supramolecular isomers via one-pot synthesis and crystallization. <i>Chemical Communications</i> , <b>2012</b> , 48, 681-3	5.8	75
236	Bi <sub>2</sub> MoO <sub>6</sub> microstructures: controllable synthesis, growth mechanism, and visible-light-driven photocatalytic activities. <i>CrystEngComm</i> , <b>2013</b> , 15, 498-508	3.3	74
235	Fabrication of nanocrystalline ZnWO <sub>4</sub> with different morphologies and sizes via hydrothermal route. <i>Chemical Physics Letters</i> , <b>2003</b> , 375, 185-190	2.5	74
234	Synthesis of Cerium(IV) Oxide Ultrafine Particles by Solid-State Reactions. <i>Journal of the American Ceramic Society</i> , <b>2004</b> , 83, 964-966	3.8	73
233	Selective Synthesis and Characterization of Nanocrystalline EuF <sub>3</sub> with Orthorhombic and Hexagonal Structures. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 1972-1974	3.5	72
232	Flower-like self-assembly of gold nanoparticles for highly sensitive electrochemical detection of chromium(VI). <i>Analytica Chimica Acta</i> , <b>2012</b> , 722, 1-7	6.6	71
231	Syntheses, Structures, and Characteristics of Four New Metal-Organic Frameworks Based on Flexible Tetrpyridines and Aromatic Polycarboxylate Acids. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 3426-3435	3.5	70
230	Microwave-assisted hydrothermal synthesis of cube-like Ag-Ag <sub>2</sub> MoO <sub>4</sub> with visible-light photocatalytic activity. <i>Science China Chemistry</i> , <b>2013</b> , 56, 443-450	7.9	70

- 229 Early-Transition-Metal Silyl Complexes Free from Anionic  $\pi$ -Ligands. A New Family of Alkyl, Alkylidene, and Alkylidyne Compounds. *Journal of the American Chemical Society*, **1994**, 116, 2169-2170 16.4 65
- 228 Slow magnetic relaxation in mononuclear seven-coordinate cobalt(II) complexes with easy plane anisotropy. *Dalton Transactions*, **2015**, 44, 11482-90 4.3 64
- 227 Ferroelectric Copper Quinine Complexes. *Chemistry of Materials*, **2003**, 15, 4166-4168 9.6 63
- 226 Direct Observation of  $(\text{Me}_3\text{ECH}_2)_5\text{Ta}$  ( $\text{E} = \text{C}, \text{Si}$ ) as the Precursors to  $(\text{Me}_3\text{ECH}_2)_3\text{Ta}:\text{CHEMe}_3$  and  $(\text{Me}_3\text{SiCH}_2)_2\text{Ta}(\mu\text{-CSiMe}_3)_2\text{Ta}(\text{CH}_2\text{SiMe}_3)_2$ . Kinetic and Mechanistic Studies of the Formation of Alkylidene and Alkylidyne Ligands. *Journal of the American Chemical Society*, **1995**, 117, 12746-12750 16.4 62
- 225  $\text{Pb}(\text{dca})_2$  ( $\text{dca} = \text{dicyanamide}$ ): a novel 3D compound with unusual coordination modes of dicyanamide. *New Journal of Chemistry*, **2002**, 26, 1711-1713 3.6 60
- 224 Microwave-assisted synthesis and photocatalytic properties of flower-like  $\text{Bi}_2\text{WO}_6$  and  $\text{Bi}_2\text{O}_3\text{-Bi}_2\text{WO}_6$  composite. *Journal of Colloid and Interface Science*, **2013**, 394, 69-77 9.3 58
- 223 Electrochemical deposition of sol-gel films for enhanced chromium(VI) determination in aqueous solutions. *Analytica Chimica Acta*, **2006**, 572, 17-24 6.6 58
- 222 Solvothermal synthesis and characterization of crystalline  $\text{CaWO}_4$  nanoparticles. *Journal of Crystal Growth*, **2003**, 253, 361-365 1.6 58
- 221 Spin-phonon couplings in transition metal complexes with slow magnetic relaxation. *Nature Communications*, **2018**, 9, 2572 17.4 58
- 220 Doped Thin-Film Sensors via a Sol-Gel Process for High-Acidity Determination. *Analytical Chemistry*, **1997**, 69, 3076-80 7.8 56
- 219 Pancake-like  $\text{Fe}_2(\text{MoO}_4)_3$  microstructures: microwave-assisted hydrothermal synthesis, magnetic and photocatalytic properties. *New Journal of Chemistry*, **2010**, 34, 2027 3.6 55
- 218 Synthesis and structures of two luminescent Zn(II) complexes with pyrazole and carboxylate ligands. *Inorganic Chemistry Communication*, **2004**, 7, 538-541 3.1 54
- 217 Syntheses, Structures, and Catalytic Properties of Ruthenium(II) Nitrosyl Complexes with Pyridine-Functionalized N-Heterocyclic Carbenes. *Organometallics*, **2009**, 28, 819-823 3.8 53
- 216 Noncentrosymmetric organic solids with very strong harmonic generation response. *Chemistry - A European Journal*, **2004**, 10, 2386-90 4.8 52
- 215 Functionalized Sol-Gels for Selective Copper(II) Separation. *Environmental Science & Technology*, **2000**, 34, 2209-2214 10.3 52
- 214 Direct Observation of an Equilibrium between  $(\text{ButCH}_2)_2\text{W}(\text{C}^i\text{Bu})(\text{Si}^i\text{BuPh}_2)$  and  $(\text{ButCH}_2)\text{W}(\text{CH}^i\text{Bu})_2(\text{Si}^i\text{BuPh}_2)$  and an Unusual Silyl Migration. *Journal of the American Chemical Society*, **1998**, 120, 13519-13520 16.4 52
- 213 Quantitative analysis of trace chromium in blood samples. Combination of the advanced oxidation process with catalytic adsorptive stripping voltammetry. *Analytical Chemistry*, **2006**, 78, 7582-7 7.8 51
- 212 Netlike Nanostructures of  $\text{Zn}(\text{OH})\text{F}$  and  $\text{ZnO}$ : Synthesis, Characterization, and Properties. *Crystal Growth and Design*, **2008**, 8, 1412-1417 3.5 50

211	Formation of YF <sub>3</sub> Nanocrystals and Their Self-Assembly into Hollow Peanut-Like Structures. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 2106-2111	3.5	50
210	Preparation and characterization of nanocrystalline zinc oxide by a novel solvothermal oxidation route. <i>Journal of Crystal Growth</i> , <b>2003</b> , 252, 184-189	1.6	50
209	The first metal (Nd <sup>3+</sup> , Mn <sup>2+</sup> , and Pb <sup>2+</sup> ) coordination compounds of 3,5-dinitrotyrosine and their nonlinear optical properties. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 988-94	4.8	50
208	Synthesis and Characterization of (Me <sub>3</sub> ECH <sub>2</sub> ) <sub>2</sub> Ta(CHEMe <sub>3</sub> )Si(SiMe <sub>3</sub> ) <sub>3</sub> (E = C, Si). Kinetic and Mechanistic Studies of the Formation of a Silyl Alkylidene Complex through Preferential Silane Elimination. <i>Organometallics</i> , <b>1996</b> , 15, 3520-3527	3.8	50
207	Blue-Green Luminescent Rhenium(I) Tricarbonyl Complexes with Pyridine-Functionalized N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , <b>2012</b> , 31, 3829-3835	3.8	49
206	Structure and bonding of (μ-dicarbido)hexa-tert-butoxyditungsten, (tert-BuO) <sub>3</sub> W(μ-C)W(μ-C)O <sub>3</sub> . <i>Organometallics</i> , <b>1992</b> , 11, 321-326	3.8	49
205	Solvothermal preparation of Cu <sub>2</sub> O crystalline particles. <i>Journal of Crystal Growth</i> , <b>2002</b> , 246, 169-175	1.6	47
204	Morphology control of MnWO <sub>4</sub> nanocrystals by a solvothermal route. <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 1132-1135		47
203	Two chiral coordination polymers: preparation and X-ray structures of mono(4-sulfo-L-phenylalanine)(diaqua) zinc(II) and copper(II) complexes. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 3323-6	5.1	46
202	Direct observation of α-hydrogen transfer from alkyl to alkylidyne ligands in (Me <sub>3</sub> CCH <sub>2</sub> ) <sub>3</sub> W:CSiMe <sub>3</sub> . Kinetic and mechanistic studies of alkyl-alkylidyne exchange. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 6082-6090	16.4	46
201	Theoretical Studies of the Relative Stabilities of Transition Metal Alkylidyne (CH <sub>3</sub> ) <sub>2</sub> M(μ-CH)(X) and Bis(alkylidene) (CH <sub>3</sub> ) <sub>2</sub> M(μ-CH) <sub>2</sub> (X) Complexes. <i>Organometallics</i> , <b>1999</b> , 18, 5488-5495	3.8	45
200	Microwave-assisted solution-phase preparation and growth mechanism of FeMoO <sub>4</sub> hierarchical hollow spheres. <i>CrystEngComm</i> , <b>2010</b> , 12, 207-210	3.3	44
199	Syntheses and structures of two one-dimensional double-stranded lead polymers of dicyanamide with unusual coordination mode. <i>Polyhedron</i> , <b>2003</b> , 22, 917-923	2.7	44
198	The First Highly Stable Homochiral Olefin-Copper(I) 2D Coordination Polymer Grid Based on Quinine as a Building Block. <i>Organometallics</i> , <b>2003</b> , 22, 2814-2816	3.8	44
197	Direct determination of cadmium and lead in pharmaceutical ingredients using anodic stripping voltammetry in aqueous and DMSO/water solutions. <i>Analytica Chimica Acta</i> , <b>2015</b> , 893, 25-33	6.6	43
196	Synthesis of Tantalum(V) Amido Silyl Complexes and the Unexpected Formation of (Me <sub>2</sub> N) <sub>3</sub> Ta(μ <sup>2</sup> -ONMe <sub>2</sub> )[OSi(SiMe <sub>3</sub> ) <sub>3</sub> ] from the Reaction of (Me <sub>2</sub> N) <sub>4</sub> Ta[Si(SiMe <sub>3</sub> ) <sub>3</sub> ] with O <sub>2</sub> . <i>Organometallics</i> , <b>2002</b> , 21, 3973-3978	3.8	43
195	Optical sensors for the determination of concentrated hydroxide. <i>Analytical Chemistry</i> , <b>2000</b> , 72, 1078-83	3.8	43
194	Silyl alkylidene complexes free of anionic ligands (Me <sub>3</sub> ECH <sub>2</sub> ) <sub>2</sub> Ta(CHEMe <sub>3</sub> )(SiPh <sub>2</sub> But)(E = C, Si): PMe <sub>3</sub> -promoted conversions to bis(alkylidene) complexes through preferential silane elimination. <i>Chemical Communications</i> , <b>1996</b> , 2383-2384	5.8	43

193	Magnetic Transitions in Iron Porphyrin Halides by Inelastic Neutron Scattering and Ab Initio Studies of Zero-Field Splittings. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 9790-801	5.1	42
192	Improved Bi Film Wrapped Single Walled Carbon Nanotubes for Ultrasensitive Electrochemical Detection of Trace Cr(VI). <i>Electrochimica Acta</i> , <b>2013</b> , 113, 686-693	6.7	42
191	Synthesis, structures and catalytic activities of ruthenium(ii) carbonyl chloride complexes containing pyridine-functionalised N-heterocyclic carbenes. <i>Dalton Transactions</i> , <b>2009</b> , 7132-40	4.3	41
190	Reactions of tetrakis(dimethylamide)-titanium, -zirconium and -hafnium with silanes: synthesis of unusual amide hydride complexes and mechanistic studies of titanium-silicon-nitride (Ti-Si-N) formation. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 8011-21	16.4	41
189	Microwave-assisted solvothermal synthesis and growth mechanism of WO <sub>3</sub> [(H <sub>2</sub> O) <sub>0.33</sub> ] hierarchical microstructures. <i>CrystEngComm</i> , <b>2010</b> , 12, 1153-1158	3.3	40
188	Optical determination of Cr(VI) using regenerable, functionalized sol-gel monoliths. <i>Analytica Chimica Acta</i> , <b>2007</b> , 581, 232-40	6.6	40
187	Reaction of Ta(NMe <sub>2</sub> ) <sub>5</sub> with O <sub>2</sub> : formation of aminoxy and unusual (aminomethyl)amide oxo complexes and theoretical studies of the mechanistic pathways. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 14408-21	16.4	39
186	Functionalized sol-gels for mercury(II) separation: a comparison of mesoporous materials prepared with and without surfactant templates. <i>Microporous and Mesoporous Materials</i> , <b>2004</b> , 70, 57-62	5.3	39
185	An unusual exchange between alkylidyne alkyl and bis(alkylidene) tungsten complexes promoted by phosphine coordination: kinetic, thermodynamic, and theoretical studies. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 10208-9	16.4	39
184	Reactions of d <sub>0</sub> group 4 amides with dioxygen. Preparation of unusual oxo aminoxy complexes and theoretical studies of their formation. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 5204-11	16.4	38
183	Two Luminescent 2D Layered Copper(I) Olefin Coordination Polymers with High Thermal Stability. <i>Organometallics</i> , <b>2001</b> , 20, 4118-4121	3.8	38
182	Synthesis and Structure of an Unusual Zirconium Hydride Amide Complex. Mechanistic Studies of the Reactions of Transition-Metal Amides with Silanes. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 5350-5351	16.4	38
181	Slow Magnetic Relaxation in Mononuclear Octahedral Manganese(III) Complexes with Dibenzoylmethanide Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 271-278	2.3	37
180	Bis-N-heterocyclic carbene ruthenium(II) carbonyl complexes: Synthesis, structural characterization and catalytic activities in transfer hydrogenation of ketones. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 430-437	7.7	37
179	Low-pressure chemical vapor deposition of tungsten carbide (WC) thin films. <i>Chemistry of Materials</i> , <b>1991</b> , 3, 384-386	9.6	37
178	Luminescent Mechanochromic Dinuclear Cu(I) Complexes with Macrocyclic Diamine-Tetracarbene Ligands. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 13618-13630	5.1	37
177	Microwave-assisted preparation and photocatalytic properties of Zn <sub>2</sub> GeO <sub>4</sub> nanorod bundles. <i>CrystEngComm</i> , <b>2010</b> , 12, 3201	3.3	36
176	Zirconium, hafnium, and tantalum amide silyl complexes: their preparation and conversion to metallaheterocyclic complexes via gamma-hydrogen abstraction by silyl ligands. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 7111-9	5.1	36

175	A mononuclear complex of norfloxacin with silver(I) and its properties. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 819-822	3.1	36
174	Quinoline-functionalized N-heterocyclic carbene complexes of iridium: Synthesis, structures and catalytic activities in transfer hydrogenation. <i>Journal of Organometallic Chemistry</i> , <b>2009</b> , 694, 2096-2105 <sup>2-3</sup>		35
173	Polymer-directed synthesis and magnetic property of nanoparticles-assembled BiFeO <sub>3</sub> microrods. <i>Journal of Solid State Chemistry</i> , <b>2010</b> , 183, 1761-1766	3.3	35
172	Reactions of Alkyl Alkylidene Complexes with Silanes. Synthesis and Characterization of Novel Tantalum 1,1-Metallasilacyclobutadiene and Disilyl-Substituted Alkylidene Complexes. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 12657-12658	16.4	35
171	Reactivities of a Bis(alkylidene) Complex. Synthesis of a Silyl Bis(alkylidyne) Complex and a Reaction Cycle among Symmetric Bis(alkylidyne), Bis(alkylidene), and Nonsymmetric Bis(alkylidyne) Compounds. <i>Organometallics</i> , <b>1998</b> , 17, 4597-4606	3.8	35
170	Inorganic sensing using organofunctional sol-gel materials. <i>Accounts of Chemical Research</i> , <b>2007</b> , 40, 343-353	7.8	35
169	Chemical vapor deposition of CoGa and PtGa <sub>2</sub> thin films from mixed-metalorganometallic compounds. <i>Applied Physics Letters</i> , <b>1989</b> , 55, 2760-2762	3.4	35
168	Bismuth-Based, Disposable Sensor for the Detection of Hydrogen Sulfide Gas. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1553-8	7.8	34
167	Transition-Metal Silyl Complexes and Chemistry in the Reactions of Silanes with Transition-Metal Complexes. <i>Organometallics</i> , <b>2004</b> , 23, 2210-2224	3.8	34
166	A Tungsten Silyl Alkylidyne Complex and Its Bis(alkylidene) Tautomer. Their Interconversion and an Unusual Silyl Migration in Their Reaction with Dioxide. <i>Organometallics</i> , <b>2005</b> , 24, 1214-1224	3.8	33
165	Optical metal ion sensor based on diffusion followed by an immobilizing reaction. Quantitative analysis by a mesoporous monolith containing functional groups. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 3231-7	7.8	32
164	Crown ether-doped sol-gel materials for strontium(II) separation. <i>Analytical Chemistry</i> , <b>2000</b> , 72, 5516-9	7.8	32
163	Synthesis and Characterization of Group 4 Amido Silyl Complexes Free of Anionic Ligands. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 6366-6372	5.1	32
162	d <sup>0</sup> Bis(silyl) Complexes Free of Anionic Ligands: Syntheses, Structures, and a Novel Exchange between Silyl Ligands and Silyl Anions. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 4300-4301	16.4	32
161	Quantitative, colorimetric paper probe for hydrogen sulfide gas. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 253, 846-851	8.5	31
160	Preparation and characterization of fine Sr <sub>2</sub> CeO <sub>4</sub> blue phosphor powders. <i>Solid State Communications</i> , <b>2004</b> , 130, 281-285	1.6	31
159	Syntheses and structures of two- and one-dimensional organic/inorganic hybrid compounds assembled from PbI <sub>2</sub> and 1,4-bis(4-pyridyl)-2,3-diaza-1,3-butadiene. <i>Inorganic Chemistry Communication</i> , <b>2002</b> , 5, 1090-1094	3.1	31
158	Slow Magnetic Relaxations in Cobalt(II) Tetranitrate Complexes. Studies of Magnetic Anisotropy by Inelastic Neutron Scattering and High-Frequency and High-Field EPR Spectroscopy. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 12603-12617	5.1	31

- 157 Slow magnetic relaxation in five-coordinate spin-crossover cobalt(ii) complexes. *Chemical Communications*, **2017**, 53, 9304-9307 5.8 30
- 156 Ionic-liquid-assisted synthesis of YF<sub>3</sub> with different crystalline phases and morphologies. *Materials Research Bulletin*, **2009**, 44, 623-628 5.1 30
- 155 Synthesis and Characterization of Group 4 Amidinate Amide Complexes M[CyNC(Me)NCy]<sub>2</sub>(NR<sub>2</sub>)<sub>2</sub> (R = Me, M = Ti, Zr, Hf; R = Et, M = Zr). *Organometallics*, **2009**, 28, 3088-3092 3.8 30
- 154 A new approach to superior optical limiting materials: planar open heterothiometallic clusters. *Chemical Communications*, **2001**, 843-844 5.8 30
- 153 Direct observation of eta 2-imine formation through beta-H abstraction between amide ligands. Neutron and X-ray diffraction structure of a dihydride imine ditantalum complex. *Chemical Communications*, **2002**, 230-1 5.8 29
- 152 Synthesis and X-ray Crystal Structure of a Chlorobis(trimethylsiloxy)zirconium Silyl Derivative, (Me<sub>3</sub>SiO)<sub>2</sub>Zr(SiPh<sub>2</sub>But)Cl·2THF. *Organometallics*, **1998**, 17, 2917-2920 3.8 29
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8	Bis( $\pi$ -Pentamethylcyclopentadienyl) Complexes of Niobium and Tantalum. <i>Inorganic Syntheses</i> , <b>2014</b> , 52-57		2
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