

# Wu Li

## List of Publications by Year in descending order

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papers

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759233

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times ranked

649  
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#	ARTICLE	IF	CITATIONS
1	Convergent Route to <i>ent</i> -Kaurane Diterpenoids: Total Synthesis of Lungshengenin D and <i>1±,61±</i> -Diacetoxy- <i>ent</i> -kaura-9(11),16-dien-12,15-dione. <i>Journal of the American Chemical Society</i> , 2017, 139, 2932-2935.	13.7	51
2	Surface modification of magnesium hydroxide sulfate hydrate whiskers using a silane coupling agent by dry process. <i>Applied Surface Science</i> , 2016, 390, 25-30.	6.1	43
3	Functional group effect on flame retardancy, thermal, and mechanical properties of organophosphorus-based magnesium oxysulfate whiskers as a flame retardant in polypropylene. <i>RSC Advances</i> , 2017, 7, 21655-21665.	3.6	43
4	Study on the mechanism of surface modification of magnesium oxysulfate whisker. <i>Applied Surface Science</i> , 2014, 317, 325-331.	6.1	42
5	Template-free synthesis of mesoporous $\gamma$ -alumina with tunable structural properties. <i>Ceramics International</i> , 2016, 42, 4072-4079.	4.8	35
6	Synthesis and formation of alumina whiskers from hydrothermal solution. <i>Journal of Materials Science</i> , 2010, 45, 177-181.	3.7	28
7	Removal of Fluoride by Graphene Oxide/Alumina Nanocomposite: Adsorbent Preparation, Characterization, Adsorption Performance and Mechanisms. <i>ChemistrySelect</i> , 2020, 5, 1818-1828.	1.5	23
8	Superhydrophobic surface fabricated on iron substrate by black chromium electrodeposition and its corrosion resistance property. <i>Applied Surface Science</i> , 2016, 378, 388-396.	6.1	22
9	Five Disk-Shaped $\{M^{II}\}_{7}$ (M = Mn, Fe, Co, Cu, Zn) Clusters and One Capsule-Like $\{Cu^{II}\}_{6}Na^{I}\}_{2}$ Cluster Assembled from the Same Schiff Base Ligand. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4134-4143.	2.0	19
10	Synthesis, Structural Characterization, and Catalytic Activity of Scandium, Samarium, and Dysprosium Complexes Supported by Tris(pyrryl)amine Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 117-121.	1.2	17
11	Titanium and zirconium amido complexes supported by imidazole-containing ligands: syntheses, characterization and catalytic activities. <i>RSC Advances</i> , 2012, 2, 144-150.	3.6	16
12	Phase Equilibrium and Phase Diagram for the Quaternary System $LiBr-NaBr-KBr-H_{2}O$ at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 3021-3028.	1.9	16
13	Titanium complexes supported by imidazo[1,5-a]pyridine-containing pyrrolyl ligand as catalysts for hydroamination and polymerization reactions, and as an antitumor reagent. <i>RSC Advances</i> , 2015, 5, 10318-10325.	3.6	12
14	Design and preparation of high-aspect-ratio zinc borate whiskers and their effects on mechanical properties of PP nanocomposite. <i>Research on Chemical Intermediates</i> , 2018, 44, 5697-5709.	2.7	11
15	Synthesis of $H_{4}Mn_{5}O_{12}$ Nanotubes Lithium Ion Sieve and Its Adsorption Properties for $Li^{+}$ from Aqueous Solution. <i>ChemistrySelect</i> , 2019, 4, 9562-9569.	1.5	11
16	Effects of different compatilizers on mechanical, crystallization and thermal properties of polypropylene/magnesium oxysulfate whisker composites. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 1839-1857.	2.6	10
17	Surface modification of anhydrite whiskers and their potential application for durable superhydrophobic coatings. <i>RSC Advances</i> , 2017, 7, 53301-53305.	3.6	10
18	A cubane-like $[Ni_{4}O_{4}]$ cluster and a chloro-bridged dinuclear copper complex incorporating a hydroxyl-rich ligand: syntheses and crystal structures. <i>Journal of Coordination Chemistry</i> , 2012, 65, 4147-4155.	2.2	9

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19	(Solid + Liquid) Phase Equilibria in the Quaternary System (NaBr + MgBr <sub>2</sub> + CaBr <sub>2</sub> + H <sub>2</sub> O) at 298.15 K. Journal of Chemical & Engineering Data, 2018, 63, 3400-3407.	1.9	9
20	Field-Induced Single-Ion Magnetic Behavior in Two Mononuclear Cobalt(II) Complexes. Chemistry - an Asian Journal, 2019, 14, 2620-2628.	3.3	9
21	Phase Diagram of the NaCl + RbCl + H <sub>2</sub> O System. Journal of Chemical & Engineering Data, 2017, 62, 1063-1067.	1.9	8
22	Effects of different compatibilizing agents on the interfacial adhesion properties of polypropylene/magnesium oxysulfate whisker composites. Chinese Journal of Polymer Science (English) 10(1) 108-114, 2018.	0.8	10
23	Investigations on Mg-borate kinetics and mechanisms during evaporation, dilution and crystallization by Raman spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 199, 367-375.	3.9	8
24	Measurement and Prediction of Solid + Liquid Equilibria in the Quaternary System LiCl-KCl-Li <sub>2</sub> SO <sub>4</sub> -K <sub>2</sub> SO <sub>4</sub> -H <sub>2</sub> O at 288.15 K. Journal of Chemical & Engineering Data, 2019, 64, 4206-4213.	1.9	8
25	Chemical characterization of non-volatile dissolved organic matter from oilfield-produced brines in the Nanyishan area of the western Qaidam Basin, China. Chemosphere, 2021, 268, 128804.	8.2	8
26	Crystallization, mechanical, thermal and rheological properties of polypropylene composites reinforced by magnesium oxysulfate whisker. Chinese Journal of Polymer Science (English Edition), 2017, 35, 659-671.	3.8	6
27	Effect of magnesium oxysulfate (MOS) morphology on the crystallization, mechanical, and rheological properties of polypropylene/MOS composites. Journal of Thermoplastic Composite Materials, 2019, 32, 710-726.	4.2	6
28	A series of Zn <sup>II</sup> and Co <sup>II</sup> complexes based on 2-(imidazo[1,5-a]pyridin-3-yl)phenol: syntheses, structures, and luminescent and magnetic properties. Journal of Coordination Chemistry, 2014, 67, 1673-1692.	2.2	5
29	A new acentric borate of K <sub>2</sub> Ba[B <sub>4</sub> O <sub>5</sub> (OH) <sub>4</sub> ·10H <sub>2</sub> O]: synthesis, structure and nonlinear optical property. Phase Transitions, 2016, 89, 996-1005.	1.3	5
30	Synthesis and formation mechanism of pinnoite by the phase transition process. Phase Transitions, 2016, 89, 558-567.	1.3	5
31	Mechanical and flame retardant properties of isotactic polypropylene/magnesium oxysulfate whisker composite. Journal of Thermoplastic Composite Materials, 2018, 31, 514-534.	4.2	5
32	A concise and mild green synthetic route of sodium chromate through ferrochrome electrochemical oxidation and in-situ purification. Journal of Hazardous Materials, 2020, 387, 121699.	12.4	5
33	Coordination polymers of lanthanides incorporating <i>N,N'</i> -ethylenebis(2-hydroxy-1-naphthylideneiminato): syntheses and crystal structures. Journal of Coordination Chemistry, 2012, 65, 4430-4440.	2.2	4
34	Copper(II) and Cadmium(II) Complexes Based on <i>N,N'</i> -Bis(3,5-dimethyl-4-hydroxyphenyl)ethylenediamine Luminescent Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1833-1838.	1.2	4
35	Bis(2-cycloazylindolyl)titanium Complexes: Synthesis, Characterization, and the Catalytic Behaviors towards Hydroamination and Ring-opening Polymerization of $\epsilon$ -Caprolactone. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1322-1328.	1.2	4
36	Solid-Liquid equilibria of two quaternary systems LiBr-NaBr-Li <sub>2</sub> SO <sub>4</sub> -Na <sub>2</sub> SO <sub>4</sub> -H <sub>2</sub> O and LiBr-KBr-Li <sub>2</sub> SO <sub>4</sub> -K <sub>2</sub> SO <sub>4</sub> -H <sub>2</sub> O at 298.15 K. Journal of Chemical Thermodynamics, 2022, 165, 106665.	2.0	4

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37	Effects of Pitzer mixing parameters on the solubility prediction of HCl-CsCl-H <sub>2</sub> O system at 25 Å°C. Russian Journal of Inorganic Chemistry, 2006, 51, 1659-1663.	1.3	3
38	Low-temperature Heat Capacities and Standard Molar Enthalpy of Formation of 4-Nitrobenzyl Alcohol. Chinese Journal of Chemistry, 2009, 27, 1225-1231.	4.9	3
39	Solid-Liquid Equilibria in Reciprocal Quinary System Li <sup>+</sup> , Na <sup>+</sup> , K <sup>+</sup> /Br <sup>-</sup> , and SO <sub>4</sub> <sup>2-</sup> at 298.15 K. Journal of Chemical & Engineering Data, 0, , .	1.9	3
40	Experimental design in the analysis of interferential effects for the determination of Sr in high Ca/Sr ratio brine by inductively coupled plasma atomic emission spectroscopy technique. International Journal of Environmental Analytical Chemistry, 2011, 91, 291-301.	3.3	2
41	Synthesis, Structures and DFT Studies of Imido-bridged and (Bis)ligand-coordinated Titanium Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1876-1883.	1.2	2
42	Synthesis and formation mechanism of pinnoite in sulfated-type boron concentrated brine by dilution method. Phase Transitions, 2017, 90, 1025-1033.	1.3	2
43	Wettability of stearic acid modified chrome oxide layer on copper substrate. Micro and Nano Letters, 2017, 12, 157-160.	1.3	1
44	Crystal structure of poly[1,2-bis(1,2,4-triazol-4-yl)ethane] <sup>2+</sup> [N <sup>2-</sup> ]silver(I) bromate monohydrate]silver(I), C <sub>6</sub> H <sub>10</sub> AgBrN <sub>6</sub> O <sub>4</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 599-601.	0.3	1
45	Five Disk-Shaped {MII 7} (M = Mn, Fe, Co, Cu, Zn) Clusters and One Capsule-Like {Cull 6 NaI 2} Cluster Assembled from the Same Schiff Base Ligand. European Journal of Inorganic Chemistry, 2016, 2016, 4129-4129.	2.0	0
46	Solid-Liquid Stable Equilibrium of the Quaternary System LiCl+NaCl+Li <sub>2</sub> SO <sub>4</sub> +Na <sub>2</sub> SO <sub>4</sub> +H <sub>2</sub> O. Journal of Solution Chemistry, 2021, 50, 1103-1112.	1.2	0