

Ying-Zhou Li

List of Publications by Year in descending order

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papers

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docs citations

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times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct arylation of unactivated aromatic C-H bonds catalyzed by a stable organic radical. <i>Chemical Communications</i> , 2011, 47, 11766.	4.1	90
2	Revealing the chirality origin and homochirality crystallization of Ag ₁₄ nanocluster at the molecular level. <i>Nature Communications</i> , 2021, 12, 4966.	12.8	57
3	Stacking-induced white-light and blue-light phosphorescence from purely organic radical materials. <i>Journal of Materials Chemistry</i> , 2011, 21, 18520.	6.7	54
4	New zwitterionic radical salts: dimers in solution and unusual magnetic and luminescent properties in the solid state. <i>Chemical Communications</i> , 2010, 46, 3194.	4.1	42
5	Toward Controlled Syntheses of Diphosphine-Protected Homochiral Gold Nanoclusters through Precursor Engineering. <i>ACS Nano</i> , 2021, 15, 16019-16029.	14.6	40
6	Stibine-protected Au ₁₃ nanoclusters: syntheses, properties and facile conversion to GSH-protected Au ₂₅ nanocluster. <i>Chemical Science</i> , 2018, 9, 8723-8730.	7.4	38
7	New metal-anion radical framework materials: Coll compounds showing ferromagnetic to antiferromagnetic phase transition at about 344 K, and ZnII compounds exhibiting terminal anion ligand induced direct white-light-emission. <i>Dalton Transactions</i> , 2011, 40, 4131.	3.3	33
8	Janus Cluster: Asymmetric Coverage of a Ag ₄₃ Cluster on the Symmetric Preyssler P ₅ W ₃₀ Polyoxometalate. <i>Chemistry of Materials</i> , 2021, 33, 9708-9714.	6.7	32
9	Isostructural Metal-Anion Radical Coordination Polymers with Tunable Phosphorescent Colors (Deep Blue, Blue, Yellow, and White) Induced by Terminal Anions and Metal Cations. <i>Chemistry - A European Journal</i> , 2011, 17, 12495-12501.	3.3	22
10	3-Carbaldehyde-substituted 2,3-biimidazo[1,2-a]pyridin-2-one radicals: Interesting π -stacking structures and magnetic properties. <i>Synthetic Metals</i> , 2011, 161, 713-717.	3.9	21
11	Magnetic and luminescent properties of Cd- and Fe-anion radical frameworks: various networks or structures influenced by metal ion sizes or in situ forming mechanisms of anion radical ligand. <i>CrystEngComm</i> , 2012, 14, 1439-1448.	2.6	19
12	Raft-like osmium- and ruthenium-antimony carbonyl clusters. <i>Journal of Organometallic Chemistry</i> , 2016, 812, 217-225.	1.8	19
13	Nuclearity enlargement from [PW ₉ O ₃₄ @Ag ₅₁] to [(PW ₉ O ₃₄) ₂ @Ag ₇₂] and 2D and 3D network formation driven by bipyridines. <i>Nature Communications</i> , 2022, 13, 1802.	12.8	19
14	Oxidative Addition across Sb-H and Sb-Sb Bonds by an Osmium Carbonyl Cluster: Trapping the Intermediate. <i>Organometallics</i> , 2014, 33, 823-828.	2.3	14
15	Binuclear Oxidative Addition of Sb-Cl Bonds: A Facile Synthetic Route to Main Group-Transition Element Clusters and Rings. <i>Organometallics</i> , 2014, 33, 3867-3876.	2.3	13
16	The zwitterionic radical and its neutral radical derivative with interesting magnetic properties. <i>Synthetic Metals</i> , 2012, 161, 2708-2713.	3.9	12
17	Phosphorescent iridium (III) 2-phenylpyridine complexes: Efficient color tuning by novel ancillary ligands. <i>Inorganic Chemistry Communication</i> , 2010, 13, 179-182.	3.9	11
18	Ligand substitution in the osmium-antimony rings Os ₃ ($\frac{1}{4}$ -SbPh ₂) ₂ (CO) ₁₀ and Os ₃ ($\frac{1}{4}$ -SbPh ₂) ₃ (Cl)(CO) ₉ . <i>Journal of Organometallic Chemistry</i> , 2016, 820, 46-54.	1.8	9

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19	A comparative study on atomically precise Au nanoclusters as catalysts for the aldehyde-alkyne-amine (A3) coupling reaction: ligand effects on the nature of the catalysis and efficiency. RSC Advances, 2019, 9, 5475-5479.	3.6	8
20	Synthesis and Reactivity of Ruthenium-Antimony Carbonyl Clusters. European Journal of Inorganic Chemistry, 2015, 2015, 3861-3872.	2.0	7
21	Os ₃ (CO) ₁₁ (BiPh ₃): The missing link in osmium-bismuth cluster chemistry. Journal of Organometallic Chemistry, 2015, 783, 46-48.	1.8	6
22	Expedient Synthesis of a Metallostibine Os ₂ (CO) ₈ (μ -SbPh): An Unusual and Strong Two-Electron-Donor Ligand. European Journal of Inorganic Chemistry, 2017, 2017, 2541-2546.	2.0	6
23	Facile high yield, excellent catalytic performance of polyoxometalate-based lanthanide phosphine oxide complexes: Syntheses, structures, photocatalysis and THz spectra. Environmental Research, 2022, 206, 112267.	7.5	6
24	Oxidative addition of halogen across an Os-Os or Os-Sb bond: Formation of five-membered osmium-antimony carbonyl rings. Journal of Organometallic Chemistry, 2016, 811, 66-73.	1.8	5
25	The metallostibine Os ₂ (CO) ₈ (μ -SbPh): A versatile donor precursor for antimony-containing heterometallic clusters. Journal of Organometallic Chemistry, 2018, 858, 53-61.	1.8	3
26	Isomerization of the osmium-tellurium cluster Os ₃ (μ -TeR) ₂ (CO) ₁₀ : a kinetic and computational study. Dalton Transactions, 2016, 45, 7158-7162.	3.3	1
27	Ligand substitution in the osmium carbonyl cluster Os ₂ (CO) ₈ (μ -SbPh)Os(CO) ₃ (Cl) ₂ : Towards derivatives of the osmostibine metalloligand. Journal of Organometallic Chemistry, 2021, 942, 121817.	1.8	1