

# Xiao-Mei Liu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Organo-functionalized polyoxovanadates: crystal architecture and property aspects. Dalton Transactions, 2021, 50, 7871-7886.	3.3	36
2	An unprecedented polyoxometalate-encapsulated organo-metallophosphate framework as a highly efficient cocatalyst for CO <sub>2</sub> photoreduction. Journal of Materials Chemistry A, 2022, 10, 3469-3477.	10.3	21
3	Two Ni-Substituted Trilacunary Keggin-Type Polyoxometalates: Syntheses, Crystal Structures, NLO Studies, and Magnetic Properties. Inorganic Chemistry, 2021, 60, 13748-13755.	4.0	16
4	A huge novel polyoxometalate-based cluster Fe <sub>10</sub> P <sub>4</sub> W <sub>32</sub> exhibiting prominent electrocatalytic activity for the oxygen evolution reaction and third-order NLO properties. Chemical Communications, 2019, 55, 9299-9302.	4.1	15
5	Two new isolated Zn-μ-Keggin clusters modified by conjugated organic ligands with decent electrocatalytic and third-order NLO properties. Dalton Transactions, 2020, 49, 14251-14257.	3.3	15
6	Two three-dimensional polyanionic clusters [M(P <sub>4</sub> Mo <sub>6</sub> ) <sub>2</sub> ] (M = Tj, ET, Q, O, O, rg, BT, /Overlock) Dalton Transactions, 2021, 50, 9137-9143.	3.3	12
7	A new family of boat-shaped Ln <sub>8</sub> clusters exhibiting the magnetocaloric effect and slow magnetic relaxation. Dalton Transactions, 2021, 50, 13925-13931.	3.3	10
8	Two POM-based compounds containing Zn-capped Keggin anions as decent heterogeneous catalysts for sulfur oxidation and CO <sub>2</sub> cycloaddition reactions. Dalton Transactions, 2022, 51, 3502-3511.	3.3	10
9	Two Polyoxometalate-Based Hybrid Compounds Modified by Iron Schiff Base Complexes: Syntheses, Crystal structures, Cyclic Voltametric Studies and Nonlinear Optical Properties. ChemPlusChem, 2021, 86, 191-197.	2.8	9
10	Four novel Z-shaped hexanuclear vanadium oxide clusters as efficient heterogeneous catalysts for cycloaddition of CO <sub>2</sub> and oxidative desulfurization reactions. Chinese Chemical Letters, 2023, 34, 106917.	9.0	5
11	A Purely Inorganic Quasi-Keggin Polyoxometalate for Photocatalytic Conversion of Carbon Dioxide to Carbon Monoxide. ChemPlusChem, 2021, 86, 1014-1020.	2.8	4
12	Exceptional structure flexibility and adaptive catalytic desulfurization of a cyclic decanuclear polyoxoalkoxyvanadate (â...ç). Journal of Solid State Chemistry, 2022, 314, 123361.	2.9	1