

Sumeng Liu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1478505

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citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of Tin from Extreme Ultraviolet Collector Optics by In-Situ Hydrogen Plasma Etching. <i>Plasma Chemistry and Plasma Processing</i> , 2018, 38, 223-245.	2.4	13
2	Low temperature chemical vapor deposition of superconducting vanadium nitride thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, .	2.1	9
3	Platinum(II) Di- η -alkenyl Complexes as "Slow-Release" Precatalysts for Heat-Triggered Olefin Hydrosilylation. <i>Journal of the American Chemical Society</i> , 2021, 143, 17492-17509.	13.7	9
4	Lithium- η -Olefin π -Complexes and the Mechanism of Carbolithiation: Synthesis, Solution Behavior, and Crystal Structure of (2,2-Dimethylpent-4-en-1-yl)lithium. <i>Organometallics</i> , 2019, 38, 2199-2210.	2.3	8
5	Interconversion of Molybdenum or Tungsten d^{2+} Styrene Complexes with d^0 1-Phenethylidene Analogues. <i>Journal of the American Chemical Society</i> , 2021, 143, 17209-17218.	13.7	8
6	Platinum η -Alkenyl Compounds as Chemical Vapor Deposition Precursors: Synthesis and Characterization of Pt[CH ₂ CMe ₂ CH ₂ CH π -CH ₂] ₂ and the Impact of Ligand Design on the Deposition Process. <i>Chemistry of Materials</i> , 2020, 32, 9316-9334.	6.7	6
7	Platinum η -Alkenyl Compounds as Chemical Vapor Deposition Precursors. Mechanistic Studies of the Thermolysis of Pt[CH ₂ CMe ₂ CH ₂ CH π -CH ₂] ₂ in Solution and the Origin of Rapid Nucleation. <i>Organometallics</i> , 2020, 39, 3817-3829.	2.3	2
8	Nature of the Short Rh π -Li Contact between Lithium and the Rhodium η -Alkenyl Complex [Rh(CH ₂ CMe ₂ CH ₂ CH π -CH ₂)] ₂ . <i>Inorganic Chemistry</i> , 2021, 60, 8790-8801.	4.0	2
9	Microscale vacuum distillation apparatus for high-boiling, air- and heat-sensitive liquids. <i>Talanta</i> , 2021, 223, 121747.	5.5	1
10	Synthesis and Characterization of 2,2-Dimethylpent-4-en-1-yl Complexes of Rhodium and Iridium: Reversible Olefin Decomplexation and C-H Bond Activation. <i>Organometallics</i> , 2021, 40, 714-724.	2.3	1