

Sumeng Liu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

62
citations

1478505

6
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1588992

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g-index

11
all docs

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docs citations

11
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	Microscale vacuum distillation apparatus for high-boiling, air- and heat-sensitive liquids. <i>Talanta</i> , 2021, 223, 121747.	5.5	1
2	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
3	Nature of the Short Rh-Li Contact between Lithium and the Rhodium η^2 -Alkenyl Complex [Rh(CH ₂ CMe ₂ CH ₂ CH ₂ CH ₂) ₂] ⁺ . <i>Inorganic Chemistry</i> , 2021, 60, 8790-8801.	4.0	2
4	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
5	Platinum(II) Di- η^2 -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
6	Platinum η^2 -Alkenyl Compounds as Chemical Vapor Deposition Precursors: Synthesis and Characterization of Pt[CH ₂ CMe ₂ CH ₂ 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^2 -Alkenyl Compounds as Chemical Vapor Deposition Precursors. Mechanistic Studies of the Thermolysis of Pt[CH ₂ CMe ₂ CH ₂ CH ₂] ₂ in Solution and the Origin of Rapid Nucleation. <i>Organometallics</i> , 2020, 39, 3817-3829.	2.3	2
8	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
9	Lithium η^2 -Olefin η^1 -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
10	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