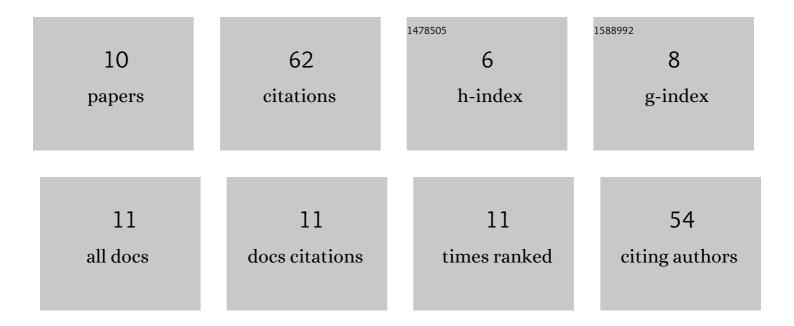
## Sumeng Liu

List of Publications by Year in descending order

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SUMENC LIU

#	Article	IF	CITATIONS
1	Removal of Tin from Extreme Ultraviolet Collector Optics by In-Situ Hydrogen Plasma Etching. Plasma Chemistry and Plasma Processing, 2018, 38, 223-245.	2.4	13
2	Low temperature chemical vapor deposition of superconducting vanadium nitride thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, .	2.1	9
3	Platinum(II) Di-ï‰-alkenyl Complexes as "Slow-Release―Precatalysts for Heat-Triggered Olefin Hydrosilylation. Journal of the American Chemical Society, 2021, 143, 17492-17509.	13.7	9
4	Lithium–Olefin π-Complexes and the Mechanism of Carbolithiation: Synthesis, Solution Behavior, and Crystal Structure of (2,2-Dimethylpent-4-en-1-yl)lithium. Organometallics, 2019, 38, 2199-2210.	2.3	8
5	Interconversion of Molybdenum or Tungsten d <sup>2</sup> Styrene Complexes with d <sup>0</sup> 1-Phenethylidene Analogues. Journal of the American Chemical Society, 2021, 143, 17209-17218.	13.7	8
6	Platinum ω-Alkenyl Compounds as Chemical Vapor Deposition Precursors: Synthesis and Characterization of Pt[CH2CMe2CH2CHâ•€H2]2 and the Impact of Ligand Design on the Deposition Process. Chemistry of Materials, 2020, 32, 9316-9334.	6.7	6
7	Platinum ï‰-Alkenyl Compounds as Chemical Vapor Deposition Precursors. Mechanistic Studies of the Thermolysis of Pt[CH <sub>2</sub> CMe <sub>2</sub> CH <sub>2</sub> CHâ•€H <sub>2</sub> ] <sub>2</sub> in Solution and the Origin of Rapid Nucleation. Organometallics, 2020, 39, 3817-3829.	2.3	2
8	Nature of the Short Rh–Li Contact between Lithium and the Rhodium ω-Alkenyl Complex [Rh(CH <sub>2</sub> CMe <sub>2</sub> CH <sub>2</sub> CHâ•€H <sub>2</sub> ) <sub>2</sub> ] <sup>â^'</sup> . Inorganic Chemistry, 2021, 60, 8790-8801.	4.0	2
9	Microscale vacuum distillation apparatus for high-boiling, air- and heat-sensitive liquids. Talanta, 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. Organometallics, 2021, 40, 714-724.	2.3	1