

# Tsung-Han Lee

## List of Publications by Year in descending order

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docs citations

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283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Triggering of Insulator-Metal Transition in Two-Dimensional $VSe_2$ . Nano Letters, 2021, 21, 1968-1975.	9.1	11
2	Quantum embedding description of the Anderson lattice model with the ghost Gutzwiller approximation. Physical Review B, 2021, 104, .	3.2	11
3	Bypassing the computational bottleneck of quantum-embedding theories for strong electron correlations with machine learning. Physical Review Research, 2021, 3, .	3.6	5
4	Unusually thick metal-insulator domain walls around the Mott point. Physical Review B, 2021, 104, .	3.2	2
5	Efficient Slave-Boson Approach for Multiorbital Two-Particle Response Functions and Superconductivity. Physical Review X, 2021, 11, .	8.9	7
6	Hybridization effect on the x-ray absorption spectra for actinide materials: Application to $PuB_4$ . Physical Review B, 2020, 102, .	3.2	3
7	Two-dimensional disordered Mott metal-insulator transition. Physical Review B, 2020, 101, .	3.2	13
8	Origins of the odd optical observables in plutonium and americium tungstates. Chemical Science, 2019, 10, 6508-6518.	7.4	4
9	Connection between Mott physics and crystal structure in a series of transition metal binary compounds. Npj Computational Materials, 2019, 5, .	8.7	19
10	Rotationally invariant slave-boson and density matrix embedding theory: Unified framework and comparative study on the one-dimensional and two-dimensional Hubbard model. Physical Review B, 2019, 99, .	3.2	25
11	Uncovering the Origin of Divergence in the $CsM(CrO_4)_2$ ( $M = La, Pr, Nd, Sm$ ) Structure Analysis. Journal of the American Chemical Society, 2018, 140, 1674-1685.	10.784314	14
12	Pairing Mechanism in Hund's Metal Superconductors and the Universality of the Superconducting Gap to Critical Temperature Ratio. Physical Review Letters, 2018, 121, 187003.	7.8	29
13	Emergent Bloch excitations in Mott matter. Physical Review B, 2017, 96, .	3.2	26
14	Dynamical mean-field theory, density-matrix embedding theory, and rotationally invariant slave bosons: A unified perspective. Physical Review B, 2017, 96, .	3.2	34
15	Fate of Spinons at the Mott Point. Physical Review Letters, 2016, 117, 136601.	7.8	9