

Tsung-Han Lee

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

212
citations

1040056

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docs citations

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times ranked

283
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamical mean-field theory, density-matrix embedding theory, and rotationally invariant slave bosons: A unified perspective. <i>Physical Review B</i> , 2017, 96, .	3.2	34
2	Pairing Mechanism in Hund's Metal Superconductors and the Universality of the Superconducting Gap to Critical Temperature Ratio. <i>Physical Review Letters</i> , 2018, 121, 187003.	7.8	29
3	Emergent Bloch excitations in Mott matter. <i>Physical Review B</i> , 2017, 96, .	3.2	26
4	Rotationally invariant slave-boson and density matrix embedding theory: Unified framework and comparative study on the one-dimensional and two-dimensional Hubbard model. <i>Physical Review B</i> , 2019, 99, .	3.2	25
5	Connection between Mott physics and crystal structure in a series of transition metal binary compounds. <i>Npj Computational Materials</i> , 2019, 5, .	8.7	19
6	Uncovering the Origin of Divergence in the CsM(CrO ₄) ₂ (M = La, Pr, Nd, Sm, Tj) Structure Analysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 1674-1685.	13.7	14
7	Two-dimensional disordered Mott metal-insulator transition. <i>Physical Review B</i> , 2020, 101, .	3.2	13
8	Ultrafast Triggering of Insulator-Metal Transition in Two-Dimensional VSe ₂ . <i>Nano Letters</i> , 2021, 21, 1968-1975.	9.1	11
9	Quantum embedding description of the Anderson lattice model with the ghost Gutzwiller approximation. <i>Physical Review B</i> , 2021, 104, .	3.2	11
10	Fate of Spinons at the Mott Point. <i>Physical Review Letters</i> , 2016, 117, 136601.	7.8	9
11	Efficient Slave-Boson Approach for Multiorbital Two-Particle Response Functions and Superconductivity. <i>Physical Review X</i> , 2021, 11, .	8.9	7
12	Bypassing the computational bottleneck of quantum-embedding theories for strong electron correlations with machine learning. <i>Physical Review Research</i> , 2021, 3, .	3.6	5
13	Origins of the odd optical observables in plutonium and americium tungstates. <i>Chemical Science</i> , 2019, 10, 6508-6518.	7.4	4
14	Hybridization effect on the x-ray absorption spectra for actinide materials: Application to PuB_4 . <i>Physical Review B</i> , 2020, 102, .	3.2	3
15	Unusually thick metal-insulator domain walls around the Mott point. <i>Physical Review B</i> , 2021, 104, .	3.2	2