

Wing Chi Yu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

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citations

1040056

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940533

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17
all docs

17
docs citations

17
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong Coupling Superconductivity in the Vicinity of the Structural Quantum Critical Point in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mo stretchy="false"} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \text{Ca} \text{mml:mi} \rangle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{x} \text{mml:mi} \rangle \text{mml:msub} \rangle \text{mml:mo} \rangle \text{mml:math} \rangle$	7.8	49
2	Discrete time crystal in globally driven interacting quantum systems without disorder. Physical Review A, 2019, 99, .	2.5	48
3	Nonsymmorphic cubic Dirac point and crossed nodal rings across the ferroelectric phase transition in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \langle \text{mml:mi} \text{LiOsO} \text{mml:mi} \rangle \langle \text{mml:mn} \text{3} \text{mml:mn} \rangle \langle \text{mml:mi} \text{m} \text{mml:mi} \rangle \text{mml:msub} \rangle \text{mml:math} \rangle$ Physical Review Materials, 2018, 2, .	2.4	35
4	Spectral function and fidelity susceptibility in quantum critical phenomena. Europhysics Letters, 2014, 108, 20002.	2.0	25
5	Reduced density matrix and order parameters of a topological insulator. Physical Review B, 2016, 94, .	3.2	19
6	Correlations and dynamical quantum phase transitions in an interacting topological insulator. Physical Review B, 2021, 104, .	3.2	15
7	Construct order parameters from the reduced density matrix spectra. Annals of Physics, 2013, 336, 118-129.	2.8	10
8	Detection of topological phases by quasilocal operators. Physical Review B, 2019, 99, .	3.2	10
9	Quantum phase transitions in the spin-1 Kitaev-Heisenberg chain. Physical Review B, 2020, 102, .	3.2	9
10	Experimental determination of the Fermi surface of Sr3Ir4Sn13. Physical Review B, 2016, 93, .	3.2	8
11	Density matrix spectra and order parameters in the 1D extended Hubbard model. European Physical Journal B, 2016, 89, 1.	1.5	8
12	Loschmidt amplitude spectrum in dynamical quantum phase transitions. Physical Review B, 2022, 105, .	3.2	7
13	Energy bonds as correlators for long-range symmetry-protected topological models and models with long-range topological order. Physical Review B, 2020, 101, .	3.2	5
14	Unveiling quantum phase transitions by fidelity mapping. Physical Review B, 2021, 104, .	3.2	5
15	SCALING BEHAVIOR OF THE GROUND-STATE FIDELITY IN THE LIPKINâ€“MESHKOVâ€“GLICK MODEL. International Journal of Modern Physics B, 2012, 26, 1250170.	2.0	4
16	Pressure-induced enhancement of the superconducting transition temperature in La2O2Bi3AgS6. Journal of Physics Condensed Matter, 2021, 34, .	1.8	2
17	Fidelity spectrum: A tool to probe the property of a quantum phase. Chinese Physics B, 2016, 25, 030501.	1.4	1