

Ryo Hanai

List of Publications by Year in descending order

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13
papers

421
citations

1163117

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1125743

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times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonequilibrium stationary states of quantum non-Hermitian lattice models. <i>Physical Review B</i> , 2022, 105, .	3.2	36
2	Proposed Fermi-surface reservoir engineering and application to realizing unconventional Fermi superfluids in a driven-dissipative nonequilibrium Fermi gas. <i>Physical Review A</i> , 2022, 106, .	2.5	4
3	Non-reciprocal phase transitions. <i>Nature</i> , 2021, 592, 363-369.	27.8	203
4	Direct observation of the quantum fluctuation driven amplitude mode in a microcavity polariton condensate. <i>Physical Review B</i> , 2021, 103, .	3.2	4
5	Intrinsic mechanisms for drive-dependent Purcell decay in superconducting quantum circuits. <i>Physical Review Research</i> , 2021, 3, .	3.6	8
6	Strong-Coupling Theory for a Non-equilibrium Unitary Fermi Gas. <i>Journal of Low Temperature Physics</i> , 2020, 201, 41-48.	1.4	4
7	Nonequilibrium strong-coupling theory for a driven-dissipative ultracold Fermi gas in the BCS-BEC crossover region. <i>Physical Review A</i> , 2020, 101, .	2.5	10
8	Critical fluctuations at a many-body exceptional point. <i>Physical Review Research</i> , 2020, 2, .	3.6	49
9	Non-Hermitian Phase Transition from a Polariton Bose-Einstein Condensate to a Photon Laser. <i>Physical Review Letters</i> , 2019, 122, 185301.	7.8	52
10	Photoluminescence and gain/absorption spectra of a driven-dissipative electron-hole-photon condensate. <i>Physical Review B</i> , 2018, 97, .	3.2	18
11	Pseudogap Regime of a Two-dimensional Uniform Fermi Gas. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 014301.	1.6	3
12	Dynamical instability of a driven-dissipative electron-hole condensate in the BCS-BEC crossover region. <i>Physical Review B</i> , 2017, 96, .	3.2	23
13	Spin susceptibility and effects of a harmonic trap in the BCS-BEC crossover regime of an ultracold Fermi gas. <i>Physical Review A</i> , 2017, 96, .	2.5	7