

# Ryo Hanai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8264645/publications.pdf>

Version: 2024-02-01

13  
papers

421  
citations

1163117

8  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-reciprocal phase transitions. <i>Nature</i> , 2021, 592, 363-369.	27.8	203
2	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
3	Critical fluctuations at a many-body exceptional point. <i>Physical Review Research</i> , 2020, 2, .	3.6	49
4	Nonequilibrium stationary states of quantum non-Hermitian lattice models. <i>Physical Review B</i> , 2022, 105, .	3.2	36
5	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
6	Photoluminescence and gain/absorption spectra of a driven-dissipative electron-hole-photon condensate. <i>Physical Review B</i> , 2018, 97, .	3.2	18
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	Intrinsic mechanisms for drive-dependent Purcell decay in superconducting quantum circuits. <i>Physical Review Research</i> , 2021, 3, .	3.6	8
9	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
10	Strong-Coupling Theory for a Non-equilibrium Unitary Fermi Gas. <i>Journal of Low Temperature Physics</i> , 2020, 201, 41-48.	1.4	4
11	Direct observation of the quantum fluctuation driven amplitude mode in a microcavity polariton condensate. <i>Physical Review B</i> , 2021, 103, .	3.2	4
12	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
13	Pseudogap Regime of a Two-dimensional Uniform Fermi Gas. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 014301.	1.6	3