

# Naoto Tsuji

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/536273/publications.pdf>

Version: 2024-02-01

24  
papers

2,244  
citations

394421

19  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonequilibrium dynamical mean-field theory and its applications. <i>Reviews of Modern Physics</i> , 2014, 86, 779-837.	45.6	529
2	Light-induced collective pseudospin precession resonating with Higgs mode in a superconductor. <i>Science</i> , 2014, 345, 1145-1149.	12.6	363
3	Brillouin-Wigner theory for high-frequency expansion in periodically driven systems: Application to Floquet topological insulators. <i>Physical Review B</i> , 2016, 93, .	3.2	233
4	Higgs Mode in Superconductors. <i>Annual Review of Condensed Matter Physics</i> , 2020, 11, 103-124.	14.5	124
5	Theory of Anderson pseudospin resonance with Higgs mode in superconductors. <i>Physical Review B</i> , 2015, 92, .	3.2	121
6	Dynamical Band Flipping in Fermionic Lattice Systems: An ac-Field-Driven Change of the Interaction from Repulsive to Attractive. <i>Physical Review Letters</i> , 2011, 106, 236401.	7.8	109
7	Nonthermal Antiferromagnetic Order and Nonequilibrium Criticality in the Hubbard Model. <i>Physical Review Letters</i> , 2013, 110, 136404.	7.8	106
8	Nonequilibrium Steady State of Photoexcited Correlated Electrons in the Presence of Dissipation. <i>Physical Review Letters</i> , 2009, 103, 047403.	7.8	100
9	Higgs Mode in the $d$ -Wave Superconductor $\text{Bi}_2\text{Te}_2\text{Se}$ . <i>Physical Review Letters</i> , 2018, 120, 117001.	7.8	91
10	Polarization-resolved terahertz third-harmonic generation in a single-crystal superconductor NbN: Dominance of the Higgs mode beyond the BCS approximation. <i>Physical Review B</i> , 2017, 96, .	3.2	76
11	Interaction quench in the Holstein model: Thermalization crossover from electron- to phonon-dominated relaxation. <i>Physical Review B</i> , 2015, 91, .	3.2	61
12	Ordered phases in the Holstein-Hubbard model: Interplay of strong Coulomb interaction and electron-phonon coupling. <i>Physical Review B</i> , 2013, 88, .	3.2	52
13	Nonequilibrium dynamical mean-field theory based on weak-coupling perturbation expansions: Application to dynamical symmetry breaking in the Hubbard model. <i>Physical Review B</i> , 2013, 88, .	3.2	49
14	Theory of light-induced resonances with collective Higgs and Leggett modes in multiband superconductors. <i>Physical Review B</i> , 2017, 95, .	3.2	44
15	Dynamical Sign Reversal of Magnetic Correlations in Dissipative Hubbard Models. <i>Physical Review Letters</i> , 2020, 124, 147203.	7.8	44
16	Nonlinear light-induced Higgs coupling in superconductors beyond BCS: Effects of the retarded phonon-mediated interaction. <i>Physical Review B</i> , 2016, 94, .	3.2	41
17	Collective Excitations and Nonequilibrium Phase Transition in Dissipative Fermionic Superfluids. <i>Physical Review Letters</i> , 2021, 127, 055301.	7.8	25
18	Nonequilibrium dynamical cluster theory. <i>Physical Review B</i> , 2014, 90, .	3.2	24

#	ARTICLE	IF	CITATIONS
19	Higgs-mode resonance in third harmonic generation in NbN superconductors: Multiband electron-phonon coupling, impurity scattering, and polarization-angle dependence. Physical Review Research, 2020, 2, .	3.6	24
20	Supersolid Phase Accompanied by a Quantum Critical Point in the Intermediate Coupling Regime of the Holstein Model. Physical Review Letters, 2014, 113, 266404.	7.8	13
21	Interaction-Driven Topological Insulator in Fermionic Cold Atoms on an Optical Lattice: A Design with a Density Functional Formalism. Physical Review Letters, 2015, 115, 045304.	7.8	8
22	Optical response of the Leggett mode in multiband superconductors in the linear response regime. Physical Review B, 2022, 105, .	3.2	5
23	LARGE MAGNETIC MOMENTS GENERATED FROM LOOP CURRENTS IN CARBON NANOTUBE ATTACHED TO ELECTRODES " A THEORETICAL PICTURE. International Journal of Modern Physics B, 2007, 21, 1198-1206.	2.0	1
24	Dynamical Mean-Field Analysis of Ordered Phases in the Half-Filled Holstein-Hubbard Model. , 2014, , .		1