

# Kazuaki Takasan

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,192  
citations

840776

11  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological $d$ -wave superconductivity in two dimensions. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 140, 115143.	2.7	5
2	Activity-induced phase transition in a quantum many-body system. Physical Review Research, 2022, 4, .	3.6	1
3	Supercurrent-Induced Weyl Superconductivity. Journal of the Physical Society of Japan, 2022, 91, .	1.6	2
4	Supercurrent-induced topological phase transitions. Physical Review B, 2022, 106, .	3.2	7
5	Breakdown of Markovianity by interactions in stroboscopic Floquet-Lindblad dynamics under high-frequency drive. Physical Review A, 2021, 103, .	2.5	4
6	Exact results for nonlinear Drude weights in the spin-1/2 XXZ chain. Physical Review B, 2021, 103, .	3.2	13
7	Control of superexchange interactions with DC electric fields. Physical Review Research, 2021, 3, .	3.6	4
8	Current-induced second harmonic generation in inversion-symmetric Dirac and Weyl semimetals. Physical Review B, 2021, 104, .	3.2	25
9	Laser-induced topological $s$ -wave superconductivity in bilayer transition metal dichalcogenides. Physical Review B, 2020, 102, .	3.2	8
10	Anomalous hydrodynamic transport in interacting noncentrosymmetric metals. Physical Review Research, 2020, 2, .	3.6	21
11	Exact Floquet quantum many-body scars under Rydberg blockade. Physical Review Research, 2020, 2, .	3.6	39
12	High-frequency expansion for Floquet prethermal phases with emergent symmetries: Application to time crystals and Floquet engineering. Physical Review B, 2019, 100, .	3.2	12
13	Control of magnetic and topological orders with a DC electric field. Physical Review B, 2019, 100, .	3.2	13
14	Theory of Non-Hermitian Fermionic Superfluidity with a Complex-Valued Interaction. Physical Review Letters, 2019, 123, 123601.	7.8	147
15	Floquet engineering of topological phases protected by emergent symmetries under resonant drives. Physical Review A, 2019, 100, .	2.5	0
16	Topological Phases of Non-Hermitian Systems. Physical Review X, 2018, 8, .	8.9	792
17	Spatial-Translation-Induced Discrete Time Crystals. Physical Review Letters, 2018, 121, 093001.	7.8	26
18	Laser-irradiated Kondo insulators: Controlling the Kondo effect and topological phases. Physical Review B, 2017, 96, .	3.2	30

#	ARTICLE	IF	CITATIONS
19	Laser-induced topological superconductivity in cuprate thin films. Physical Review B, 2017, 95, .	3.2	38
20	Laser-induced Phase Transitions of Topological Kondo Insulators. Physics Procedia, 2015, 75, 447-454.	1.2	5